

Plot of the Carcinogenic Potency Database in Published Format

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
A-alpha-C (2-amino-9H-pyrido(2,3-b)indole) 26148-68-5									
1	1616	21.8mg	60.7mg	0/40	104.mg	33/40			
a	1616	27.6mg	77.0mg	0/40	104.mg	30/40		Ohgaki;carc,5,815-819;1984	
b	1616	155.mg	2.30gm	0/40	104.mg	6/40			
c	1616	241.mg	n.s.s.	0/40	104.mg	3/40			
d	1616	234.mg	n.s.s.	2/40	104.mg	4/40			
2	1616	48.1mg	158.mg	0/40	96.0mg	20/40			
a	1616	58.1mg	209.mg	0/40	96.0mg	17/40			
b	1616	66.3mg	259.mg	0/40	96.0mg	15/40			
c	1616	105.mg	657.mg	0/40	96.0mg	9/40			
d	1616	143.mg	2.12gm	0/40	96.0mg	6/40			
e	1616	288.mg	n.s.s.	3/40	96.0mg	3/40			
f	1616	390.mg	n.s.s.	11/40	96.0mg	4/40			
ACESULFAME-K 55589-62-3									
3	2649	8.02gm	n.s.s.	6/100	3.90gm	12/100			Beems;asfk,59-70;1991
a	2649	47.6gm	n.s.s.	1/100	3.90gm	0/100			
b	2649	20.4gm	n.s.s.	3/100	3.90gm	3/100			
c	2649	29.1gm	n.s.s.	1/100	3.90gm	1/100			
4	2649	9.27gm	n.s.s.	17/100	3.60gm	16/100			
a	2649	18.8gm	n.s.s.	3/100	3.60gm	3/100			
b	2649	36.7gm	n.s.s.	8/100	3.60gm	1/100			
ACETALDEHYDE 75-07-0									
5	1766	219.mg	n.s.s.	0/14	391.mg	3/15			Feron;ejca,18,13-31;1982/pers.comm.
a	1766	279.mg	n.s.s.	0/14	391.mg	2/15			
b	1766	383.mg	n.s.s.	0/14	391.mg	1/15			
6	1766	158.mg	n.s.s.	0/15	344.mg	4/15			
a	1766	158.mg	n.s.s.	0/15	344.mg	4/15			
b	1766	193.mg	n.s.s.	0/15	344.mg	3/15			
c	1766	337.mg	n.s.s.	0/15	344.mg	1/15			
d	1766	337.mg	n.s.s.	0/15	344.mg	1/15			
7	1757	263.mg	540.mg	0/50	101.mg	6/48	202.mg	26/53	209.mg 21/53
a	1757	624.mg	1.92gm	0/50	101.mg	0/50	202.mg	5/53	209.mg 17/53
b	1757	1.36gm	33.3gm	0/50	101.mg	0/48	202.mg	3/53	209.mg 5/53
8	1757	137.mg	259.mg	0/49	70.8mg	16/52	142.mg	31/53	147.mg 21/49
a	1757	380.mg	1.38gm	1/49	70.8mg	1/52	142.mg	10/53	147.mg 15/49
9	1863	85.3mg	288.mg	0/18	50.1mg	1/20	100.mg	7/18	149.mg 11/17
a	1863	110.mg	439.mg	0/18	50.1mg	0/20	100.mg	7/18	149.mg 8/17
b	1863	234.mg	38.9gm	0/18	50.1mg	1/20	100.mg	0/18	149.mg 5/17
10	1863	54.4mg	157.mg	0/19	35.1mg	2/20	70.1mg	8/20	104.mg 15/22
a	1863	102.mg	710.mg	0/19	35.1mg	2/20	70.1mg	6/20	104.mg 6/22
b	1863	105.mg	463.mg	0/19	35.1mg	0/20	70.1mg	2/20	104.mg 11/22
ACETALDEHYDE METHYLFORMYLHYDRAZONE 16568-02-8									
11	1267	3.21mg	14.0mg	13/50	6.78mg	35/50			Toth;jnci,67,881-887;1981
a	1267	4.01mg	22.5mg	12/50	6.78mg	31/50			
b	1267	9.49mg	93.0mg	2/50	6.78mg	13/50			
c	1267	12.7mg	101.mg	0/44	6.78mg	8/48			
d	1267	14.0mg	150.mg	0/44	6.78mg	7/48			
e	1267	15.6mg	292.mg	0/44	6.78mg	6/48			
f	1267	17.6mg	3.78gm	0/44	6.78mg	5/48			
g	1267	8.45mg	n.s.s.	0/32	6.78mg	3/18			
12	1267	1.01mg	2.62mg	0/37	9.40mg	45/50			
a	1267	1.40mg	3.49mg	0/37	9.40mg	41/50			

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b	1267	9.65mg	98.0mg	0/37	9.40mg	8/50				
c	1267	2.68mg	n.s.s.	0/14	9.40mg	2/7				
d	1267	5.79mg	n.s.s.	8/47	9.40mg	18/49				
e	1267	5.57mg	n.s.s.	11/47	9.40mg	20/49				
ACETALDOXIME 107-29-9										
13	1853	100. mg	n.s.s.	2/20	19.5mg	3/20	50.3mg	4/20	Lijinsky;txih,3,337-345;1987/pers.comm.	
a	1853	323. mg	n.s.s.	1/20	19.5mg	1/20	50.3mg	0/20		
ACETAMIDE 60-35-5										
14	1343	2.22gm	n.s.s.	2/89p	1.15gm	0/34	2.31gm	0/28	Fleischman;jept,3,149-170;1980	
a	1343	6.96gm	n.s.s.	1/89p	1.15gm	2/41	2.31gm	0/46		
15	1343	717. mg	7.92gm	0/82p	1.07gm	5/32	(2.13gm	0/22)		
a	1343	1.01gm	13.2gm	0/74p	1.07gm	5/44	(2.13gm	0/39)		
b	1343	1.62gm	6.73gm	0/95p	1.07gm	7/50	2.13gm	7/46		
c	1343	1.16gm	14.1gm	0/95p	1.07gm	5/50	(2.13gm	1/46)		
d	1343	2.70gm	23.9gm	0/95p	1.07gm	2/50	2.13gm	5/46		
e	1343	3.29gm	n.s.s.	0/79p	1.07gm	1/44	2.13gm	3/39		
f	1343	6.31gm	n.s.s.	2/91p	1.07gm	0/50	2.13gm	2/46		
g	1343	1.55gm	n.s.s.	1/87p	1.07gm	0/24	2.13gm	0/24		
16	1343	147. mg	382. mg	0/49	888. mg	33/48				
a	1343	1.26gm	n.s.s.	0/49	888. mg	3/48				
17	1343	65.2mg	171. mg	0/50	710. mg	41/47				
a	1343	1.62gm	n.s.s.	0/50	710. mg	1/47				
18	2	158. mg	n.s.s.	0/7	800. mg	7/16			Weisburger;txap,14,163-175;1969	
ACETAMINOPHEN (tylenol, paracetamol) 103-90-2										
19	TR394	955. mg	n.s.s.	35/50	76.8mg	28/50	384. mg	24/50	770. mg	34/50
a	TR394	2.21gm	n.s.s.	3/50	76.8mg	4/50	384. mg	7/50	770. mg	3/50
b	TR394	1.83gm	n.s.s.	1/50	76.8mg	4/50	384. mg	4/50	770. mg	4/50
20	1955	3.29gm	n.s.s.	2/49	390. mg	2/46	780. mg	8/50		
a	1955	12.0gm	n.s.s.	3/49	390. mg	1/46	780. mg	1/50	Amo;jjhg,40,567-574;1985	
b	1955	1.12gm	n.s.s.	32/49	390. mg	33/46	780. mg	33/50		
21	TR394	717. mg	n.s.s.	35/50	70.6mg	29/50	354. mg	31/50	710. mg	28/50
a	TR394	2.27gm	n.s.s.	16/50	70.6mg	9/50	354. mg	10/50	710. mg	7/50
b	TR394	1.05gm	n.s.s.	8/50	70.6mg	7/50	354. mg	5/50	710. mg	12/50
22	1779	867. mg	n.s.s.	0/30	600. mg	0/32	1.20gm	0/15		
a	1779	1.64gm	n.s.s.	3/30	600. mg	2/32	1.20gm	1/15	Hagiwara;faat,7,376-386;1986	
b	1779	2.58gm	n.s.s.	2/30	600. mg	1/32	1.20gm	0/15		
23	1955	4.85gm	n.s.s.	13/43	360. mg	12/39	720. mg	6/45		
a	1955	7.41gm	n.s.s.	5/43	360. mg	3/39	720. mg	2/45	Amo;jjhg,40,567-574;1985	
b	1955	1.99gm	n.s.s.	27/43	360. mg	21/39	720. mg	23/45		
24	1579	1.95gm	12.4gm	0/51	650. mg	0/58	1.30gm	9/50		
a	1579	2.77gm	n.s.s.	0/51	650. mg	0/58	1.30gm	0/50	Flaks;carc,4,363-368;1983	
25	1579	591. mg	1.97gm	1/52	600. mg	1/57	1.20gm	20/27		
a	1579	1.86gm	28.7gm	0/52	600. mg	0/57	1.20gm	5/27		
b	1579	1.93gm	n.s.s.	0/52	600. mg	0/57	1.20gm	0/27		
26	1118	805. mg	n.s.s.	1/30	863. mg	1/30				
a	1118	1.33gm	n.s.s.	0/30	863. mg	0/30			Cohen;canr,38,1398-1405;1978	
b	1118	1.33gm	n.s.s.	0/30	863. mg	0/30				
27	TR394	220. mg	n.s.s.	9/50	29.4mg	17/50	147. mg	15/50	296. mg	24/50
a	TR394	154. mg	n.s.s.	47/50	29.4mg	46/50	147. mg	49/50	296. mg	46/50
b	TR394	n.s.s.	n.s.s.	0/50	29.4mg	0/50	147. mg	0/50	296. mg	0/50
28	TR394	580. mg	n.s.s.	0/50	23.5mg	0/50	118. mg	4/50	237. mg	2/50
a	TR394	106. mg	n.s.s.	48/50	23.5mg	50/50	118. mg	48/50	237. mg	48/50
b	TR394	1.04gm	n.s.s.	0/50	23.5mg	1/50	118. mg	1/50	237. mg	0/50

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f	TR447	85.4mg	n.s.s.	1/48	8.65mg	0/48	17.3mg	0/48	34.6mg	3/48	
g	TR447	24.8mg	n.s.s.	45/48	8.65mg	45/48	17.3mg	48/48	34.6mg	47/48	
h	TR447	53.1mg	n.s.s.	1/48	8.65mg	1/48	17.3mg	1/48	34.6mg	5/48	liv:hpa,hpb,hpc.
ACETOXIME 127-06-0											
44	1480	38.2mg	n.s.s.	0/20	24.6mg	3/16					Mirvish;jnci,69,961-962;1982
a	1480	38.2mg	n.s.s.	0/20	24.6mg	3/16					
b	1480	66.3mg	n.s.s.	0/20	24.6mg	1/16					
c	1480	11.3mg	n.s.s.	15/20	24.6mg	13/16					
45	1480	5.59mg	30.1mg	0/23	25.4mg	12/15					
a	1480	5.59mg	30.1mg	0/23	25.4mg	12/15					
b	1480	33.4mg	n.s.s.	0/23	25.4mg	2/15					
c	1480	4.79mg	106.mg	9/23	25.4mg	13/15					
1'-ACETOXYSAFROLE 34627-78-6											
46	1042b	92.9mg	n.s.s.	3/35	29.3mg	0/35					Borchert;canr,33,590-600;1973
a	1042b	92.9mg	n.s.s.	0/35	29.3mg	0/35					
b	1042b	92.9mg	n.s.s.	3/35	29.3mg	0/35					
47	1042c	83.3mg	n.s.s.	3/35	26.3mg	0/35					
a	1042c	83.3mg	n.s.s.	0/35	26.3mg	0/35					
b	1042c	83.3mg	n.s.s.	3/35	26.3mg	0/35					
48	1042b	14.2mg	81.2mg	0/18	112.mg	10/15					
a	1042b	152.mg	n.s.s.	0/18	112.mg	0/15					
b	1042b	14.5mg	107.mg	1/18	112.mg	10/15					
49	1042c	10.2mg	52.6mg	0/18	116.mg	11/18					
a	1042c	56.7mg	n.s.s.	0/18	116.mg	1/18					
b	1042c	10.2mg	52.6mg	0/18	116.mg	11/18					
N'-ACETYL-4-(HYDROXYMETHYL) PHENYLHYDRAZINE 65734-38-5											
50	410	143.mg	950.mg	8/96	125.mg	16/44					Toth;canr,38,177-180;1978
a	410	148.mg	3.05gm	15/96	125.mg	17/44					
b	410	1.57gm	n.s.s.	0/99	125.mg	0/50					
51	410	98.6mg	1.38gm	22/92	104.mg	24/48					
a	410	127.mg	762.mg	5/88	104.mg	15/45					
b	410	997.mg	n.s.s.	2/62	104.mg	0/38					
1-ACETYL-2-ISONICOTINOYLHYDRAZINE 1078-38-2											
52	1055	196.mg	567.mg	14/104	800.mg	37/47					Toth;ejca,9,285-289;1973
a	1055	2.66gm	n.s.s.	3/73	800.mg	2/41					
53	1055	202.mg	664.mg	11/91	667.mg	29/42					
a	1055	968.mg	n.s.s.	2/40	667.mg	0/9					
3-ACETYL-6-METHYL-2,4-PYRANDIONE (dehydroacetic acid) 520-45-6											
54	1294	67.2mg	n.s.s.	0/17	33.9mg	0/18					Innes;ntis,1968/1969
a	1294	67.2mg	n.s.s.	1/17	33.9mg	0/18					
b	1294	32.0mg	n.s.s.	2/17	33.9mg	2/18					
55	1294	38.9mg	n.s.s.	2/18	31.6mg	1/17					
a	1294	59.1mg	n.s.s.	1/18	31.6mg	0/17					
b	1294	41.6mg	n.s.s.	3/18	31.6mg	1/17					
56	1294	67.2mg	n.s.s.	0/16	33.9mg	0/18					
a	1294	67.2mg	n.s.s.	0/16	33.9mg	0/18					
b	1294	67.2mg	n.s.s.	0/16	33.9mg	0/18					
57	1294	62.6mg	n.s.s.	0/16	31.6mg	0/18					
a	1294	62.6mg	n.s.s.	0/16	31.6mg	0/18					
b	1294	32.9mg	n.s.s.	0/16	31.6mg	1/18					

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1-ACETYL-2-PHENYLHYDRAZINE 114-83-0											
58	1054	23.8mg	106.mg	4/94	30.0mg	16/37				Toth;bjca,39,584-587;1979	
a	1054	24.9mg	140.mg	8/94	30.0mg	16/37					
b	1054	45.1mg	463.mg	2/94	30.0mg	8/37					
c	1054	45.1mg	463.mg	2/94	30.0mg	8/37					
d	1054	46.9mg	1.19gm	4/94	30.0mg	8/37					
e	1054	46.9mg	1.19gm	4/94	30.0mg	8/37					
f	1054	65.8mg	n.s.s.	10/89	30.0mg	5/31					
g	1054	78.8mg	n.s.s.	15/89	30.0mg	5/31					
59	1054	27.8mg	245.mg	5/87	25.0mg	12/40					
a	1054	29.1mg	217.mg	3/87	25.0mg	11/40					
b	1054	42.9mg	9.84gm	3/87	25.0mg	7/40					
c	1054	47.1mg	9.32gm	2/87	25.0mg	6/40					
d	1054	52.1mg	3.67gm	1/87	25.0mg	5/40					
e	1054	53.7mg	n.s.s.	2/87	25.0mg	5/40					
f	1054	158.mg	n.s.s.	6/87	25.0mg	1/40					
g	1054	97.2mg	n.s.s.	17/87	25.0mg	5/40					
h	1054	112.mg	n.s.s.	22/87	25.0mg	5/40					
4-ACETYLAMINOBIHENYL (4'-phenylacetanilide) 4075-79-0											
60	1424	.444mg	3.21mg	0/15	11.3mg	12/13				Miller;jnci,15,1571-1590;1955	
a	1424	11.9mg	n.s.s.	0/15	11.3mg	0/13					
1-ACETYLAMINOFLUORENE (N-1-fluorenylacamide) 28314-03-6											
61	144	6.02mg	n.s.s.	2/18	6.77mg	3/17				Morris;jnci,24,149-180;1960	
a	144	8.92mg	n.s.s.	0/18	6.77mg	1/17					
b	144	8.92mg	n.s.s.	0/18	6.77mg	1/17					
c	144	8.92mg	n.s.s.	0/18	6.77mg	1/17					
d	144	8.92mg	n.s.s.	0/18	6.77mg	1/17					
2-ACETYLAMINOFLUORENE (N-2-fluorenylacamide, 2-AAF) 53-96-3											
62	308m	5.24mg	n.s.s.	0/17	15.9mg	3/18				Miller;canr,24,2018-2026;1964	
63	308n	1.18mg	n.s.s.	0/8	3.21mg	1/8					
a	308n	2.33mg	n.s.s.	0/8	3.21mg	0/8					
b	308n	1.34mg	n.s.s.	1/8	3.21mg	1/8					
64	347n	4.02mg	n.s.s.	1/59	16.0mg	2/8				Della Porta;jnci,22,463-471;1959	
65	347m	3.65mg	211.mg	0/39	17.5mg	2/5					
66	347n	5.10mg	n.s.s.	0/16	12.0mg	1/7					
67	213b	8.63mg	n.s.s.	14/16	39.0mg	15/18				Prier;txap,5,526-542;1963	
a	213b	13.2mg	n.s.s.	6/16	39.0mg	10/18					
68	213b	7.28mg	200.mg	1/10	36.0mg	9/14					
a	213b	6.89mg	n.s.s.	4/10	36.0mg	10/14					
69	2034n	.869mg	4.73mg	4/24	6.50mg	11/23	13.0mg	17/24	26.0mg	23/23	Wolff;jtxe,33,327-348;1991/pers.comm.
a	2034n	1.02mg	8.56mg	3/24	6.50mg	7/23	13.0mg	10/24	26.0mg	19/23	
b	2034n	15.5mg	118.mg	0/24	6.50mg	0/23	13.0mg	0/24	26.0mg	9/23	
c	2034n	16.7mg	193.mg	0/24	6.50mg	0/23	13.0mg	0/24	26.0mg	7/23	
70	2034m	1.43mg	4.15mg	0/24	6.00mg	15/24	12.0mg	22/24	24.0mg	24/24	
a	2034m	2.47mg	7.13mg	0/24	6.00mg	9/24	12.0mg	18/24	24.0mg	21/24	
b	2034m	2.16mg	17.1mg	6/24	6.00mg	14/24	12.0mg	10/24	24.0mg	5/24	
71	2020m	2.97mg	5.45mg	43/117	19.5mg	67/70	26.0mg	89/92	32.5mg	91/95	Fullerton;faat,16,51-60;1991/Nonoyama 1988/pers.comm.
a	2020m	4.31mg	6.80mg	14/117	19.5mg	60/70	26.0mg	81/92	32.5mg	87/95	
b	2020m	28.0mg	54.3mg	0/108	19.5mg	6/67	26.0mg	18/85	32.5mg	38/93	
c	2020m	44.0mg	101.mg	0/108	19.5mg	3/67	26.0mg	10/85	32.5mg	26/93	
d	2020m	215.mg	n.s.s.	0/96	19.5mg	2/96	26.0mg	1/96	32.5mg	3/96	
72	2020n	7.12mg	11.1mg	9/118	19.5mg	46/71	26.0mg	69/96	32.5mg	78/95	

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a	2020n	12.6mg	20.5mg	3/118	19.5mg	21/71	26.0mg	48/96	32.5mg	65/95							
b	2020n	48.3mg	113.mg	0/117	19.5mg	0/69	26.0mg	5/95	32.5mg	32/93							
c	2020n	108.mg	464.mg	0/117	19.5mg	0/69	26.0mg	1/95	32.5mg	13/93							
73	2034r	2.89mg	5.76mg	4/48	6.50mg	31/47	13.0mg	45/47	26.0mg	44/48	Wolff;jtxe,33,327-348;1991/pers.comm.						
a	2034r	6.56mg	14.2mg	1/48	6.50mg	12/47	13.0mg	28/47	26.0mg	33/48							
b	2034r	26.0mg	86.6mg	0/48	6.50mg	0/47	13.0mg	0/47	26.0mg	20/48							
c	2034r	45.5mg	198.mg	0/48	6.50mg	0/47	13.0mg	0/47	26.0mg	13/48							
74	2020m	1.85mg	3.11mg	21/95	4.80mg	53/94	7.20mg	79/94	9.60mg	83/94	Fullerton;faat,16,51-60; 1991/Nonoyama 1988/pers.comm.						
a	2020m	4.11mg	7.92mg	12/95	4.80mg	28/94	7.20mg	49/94	9.60mg	59/94							
b	2020m	6.02mg	10.6mg	0/93	4.80mg	0/91	7.20mg	31/92	9.60mg	53/89							
c	2020m	14.2mg	33.6mg	0/93	4.80mg	0/91	7.20mg	10/92	9.60mg	26/89							
d	2020m	31.4mg	276.mg	0/96	4.80mg	4/96	7.20mg	5/96	9.60mg	6/96							
75	2020n	5.23mg	10.6mg	0/94	4.80mg	1/96	7.20mg	54/96	(9.60mg)	17/94)							
a	2020n	21.0mg	2.69gm	4/96	4.80mg	7/96	7.20mg	8/96	9.60mg	15/94							
b	2020n	48.7mg	772.mg	0/94	4.80mg	0/96	7.20mg	2/96	9.60mg	6/94							
c	2020n	15.2mg	n.s.s.	13/96	4.80mg	14/96	7.20mg	15/96	9.60mg	26/94							
76	2034o	2.78mg	7.41mg	13/47	6.00mg	29/48	12.0mg	24/48	24.0mg	17/48	Wolff;jtxe,33,327-348;1991/pers.comm.						
a	2034o	3.48mg	7.16mg	0/47	6.00mg	11/48	12.0mg	45/48	24.0mg	46/48							
b	2034o	5.00mg	11.0mg	0/47	6.00mg	6/48	12.0mg	33/48	24.0mg	40/48							
c	2034o	7.90mg	31.8mg	6/47	6.00mg	9/48	12.0mg	14/48	24.0mg	9/48							
77	1665	.969mg	n.s.s.	0/24	1.04mg	0/48	3.12mg	0/48	5.85mg	0/24	7.67mg	0/16	11.2mg	0/8	Haley;pseb,152, 156-159;1976		
a	1665	.969mg	n.s.s.	0/24	1.04mg	0/48	3.12mg	0/48	5.85mg	0/24	7.67mg	0/16	11.2mg	0/8			
78	1665	4.11mg	26.7mg	0/23	.960mg	0/41	2.88mg	0/44	5.40mg	1/22	7.08mg	3/13	10.3mg	4/8			
79	1344a	40.3mg	123.mg	1/400	6.50mg	1/196	8.13mg	0/130	10.8mg	0/64	16.3mg	22/65	Littlefield;jept,3,17-34; 1980/pers.comm.				
a	1344a	61.6mg	389.mg	1/401	6.50mg	4/196	8.13mg	5/130	10.8mg	1/64	16.3mg	4/65					
80	1344b	19.7mg	55.2mg	9/383	4.88mg	15/114	6.09mg	14/86	8.13mg	6/35	12.2mg	6/28					
a	1344b	48.6mg	234.mg	1/384	4.88mg	0/114	6.09mg	0/86	8.13mg	1/35	12.2mg	11/28					
81	1344m	70.7mg	457.mg	0/140	7.80mg	0/268	9.75mg	0/137	13.0mg	0/138	19.5mg	9/141					
a	1344m	92.4mg	n.s.s.	0/140	7.80mg	2/268	9.75mg	0/137	13.0mg	3/138	19.5mg	1/141					
82	1344n	41.1mg	128.mg	0/113	7.80mg	0/221	9.75mg	0/110	13.0mg	0/117	19.5mg	21/114					
a	1344n	184.mg	n.s.s.	0/113	7.80mg	0/224	9.75mg	0/110	13.0mg	1/117	19.5mg	1/114					
83	1344o	29.4mg	77.0mg	0/88	7.80mg	0/181	9.75mg	1/94	13.0mg	0/89	19.5mg	28/90					
a	1344o	86.2mg	n.s.s.	0/88	7.80mg	1/182	9.75mg	1/94	13.0mg	4/90	19.5mg	1/90					
84	1344r	42.0mg	97.3mg	0/183	5.85mg	1/271	7.80mg	0/265	9.75mg	0/175	13.0mg	1/90	19.5mg	36/85			
a	1344r	97.9mg	n.s.s.	1/183	5.85mg	2/272	7.80mg	4/265	9.75mg	5/174	13.0mg	1/90	19.5mg	3/86			
85	1344s	44.1mg	98.2mg	0/127	4.55mg	1/389	5.85mg	1/264	7.80mg	0/206	9.75mg	0/134	13.0mg	4/67			
a	1344s	86.0mg	n.s.s.	0/128	4.55mg	2/389	5.85mg	5/264	7.80mg	6/206	9.75mg	5/134	13.0mg	1/67			
86	1344t	76.4mg	139.mg	1/400	3.90mg	4/1573	4.55mg	1/796	5.85mg	1/383	7.80mg	3/269	9.75mg	1/267			
a	1344t	105.mg	310.mg	1/401	3.90mg	17/1573	4.55mg	7/792	5.85mg	7/383	7.80mg	7/268	9.75mg	6/267			
87	1344u	28.9mg	40.1mg	9/383	3.90mg	55/900	4.55mg	55/639	5.85mg	57/445	7.80mg	71/415	9.75mg	62/311			
a	1344u	77.4mg	121.mg	1/384	3.90mg	0/900	4.55mg	2/638	5.85mg	1/445	7.80mg	3/415	9.75mg	3/311			
88	1344v	10.1mg	409.mg	8/23	3.90mg	44/92	4.55mg	20/45	5.85mg	5/12	7.80mg	7/11	9.75mg	8/12			
a	1344v	44.2mg	179.mg	0/24	3.90mg	1/92	4.55mg	0/45	5.85mg	0/12	7.80mg	1/11	9.75mg	4/12			
89	1344w	49.1mg	585.mg	1/401	3.90mg	1/186	4.88mg	3/128	6.50mg	1/64	9.75mg	4/63					
a	1344w	57.7mg	1.16gm	1/400	3.90mg	0/184	4.88mg	2/128	6.50mg	1/64	9.75mg	4/63					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code
90	1344x	12.1mg	35.2mg	9/383	2.93mg	13/108	3.66mg	10/66	4.88mg	5/35	7.31mg	9/33		
a	1344x	40.8mg	388.mg	1/384	2.93mg	1/108	3.66mg	0/66	4.88mg	0/35	7.31mg	6/33		
91	1344y	44.8mg	185.mg	1/400	5.20mg	0/190	6.50mg	0/132	8.67mg	1/65	13.0mg	14/63		
a	1344y	67.6mg	4.45gm	1/401	5.20mg	1/190	6.50mg	6/132	8.67mg	0/65	13.0mg	2/63		
92	1344z	15.6mg	43.4mg	9/383	3.90mg	11/118	4.88mg	14/74	6.50mg	5/33	9.75mg	9/29		
a	1344z	46.6mg	306.mg	1/384	3.90mg	0/118	4.88mg	1/74	6.50mg	1/33	9.75mg	7/29		
93	2066m	7.97mg	18.3mg	5/92	13.0mg	51/91	(16.2mg	39/93	19.5mg	26/82)			Fullerton;faat,18,193-199; 1992/Nonoyama 1988/pers.comm.	
a	2066m	10.3mg	16.1mg	1/87	13.0mg	29/90	16.2mg	58/90	19.5mg	63/82				
b	2066m	17.1mg	28.7mg	0/87	13.0mg	14/90	16.2mg	40/90	19.5mg	48/82				
c	2066m	21.2mg	46.3mg	1/92	13.0mg	31/91	16.2mg	23/93	(19.5mg	13/82)				
d	2066m	521.mg	n.s.s.	0/96	13.0mg	0/96	16.2mg	1/96	19.5mg	0/96				
94	2066n	8.47mg	12.8mg	1/92	13.0mg	29/91	16.2mg	74/95	19.5mg	76/91				
a	2066n	17.0mg	28.6mg	1/92	13.0mg	16/91	16.2mg	46/95	19.5mg	49/91				
b	2066n	22.7mg	41.8mg	1/93	13.0mg	28/94	16.2mg	35/96	19.5mg	27/92				
c	2066n	41.2mg	88.9mg	0/93	13.0mg	16/94	16.2mg	19/96	19.5mg	14/92				
95	2066m	3.09mg	4.93mg	0/88	2.40mg	4/86	4.80mg	50/86	7.20mg	82/90				
a	2066m	7.03mg	13.0mg	0/88	2.40mg	1/86	4.80mg	13/86	7.20mg	59/90				
b	2066m	27.1mg	n.s.s.	19/92	2.40mg	18/90	4.80mg	15/88	7.20mg	19/87				
c	2066m	64.3mg	n.s.s.	9/92	2.40mg	5/90	4.80mg	7/88	7.20mg	5/87				
d	2066m	25.9mg	n.s.s.	1/96	2.40mg	0/96	4.80mg	0/96	7.20mg	0/96				
96	2066n	6.85mg	12.3mg	0/90	2.40mg	0/91	4.80mg	23/91	7.20mg	57/95				
a	2066n	17.3mg	43.2mg	0/90	2.40mg	0/91	4.80mg	9/91	7.20mg	23/95				
b	2066n	22.2mg	n.s.s.	5/93	2.40mg	4/94	4.80mg	10/94	(7.20mg	1/95)				
c	2066n	164.mg	n.s.s.	3/93	2.40mg	1/94	4.80mg	2/94	7.20mg	0/95				
97	66a	13.5mg	37.3mg	1/57	32.5mg	30/66							Epstein(review) {irdc};stev,6,103-154;1976	
a	66a	37.1mg	218.mg	0/57	32.5mg	10/66								
b	66a	56.0mg	n.s.s.	6/57	32.5mg	9/66								
98	1635m	5.10mg	11.9mg	0/60	22.5mg	46/58							Weikel;jcph,19,591-604;1979/pers.comm.	
99	66a	12.7mg	56.5mg	4/47	30.0mg	24/53							Epstein(review) {irdc};stev,6,103-154;1976	
a	66a	155.mg	n.s.s.	8/47	30.0mg	1/53								
100	1635m	8.67mg	22.7mg	1/57	20.7mg	33/58							Weikel;jcph,19,591-604;1979/pers.comm.	
a	1635m	19.2mg	71.1mg	0/57	20.7mg	16/58								
b	1635m	19.2mg	71.1mg	0/57	20.7mg	16/58								
c	1635m	37.3mg	375.mg	0/57	20.7mg	7/58								
d	1635m	53.1mg	n.s.s.	6/57	20.7mg	7/58								
101	1477	1.13mg	n.s.s.	5/8	36.0mg	7/8							Becker;canr,42,3918-3923;1982	
102	469	7.28mg	36.3mg	0/29	39.0mg	11/30							Newberne;txap,41,535-546;1977	
a	469	7.98mg	43.7mg	0/29	39.0mg	10/30								
b	469	60.3mg	n.s.s.	0/29	39.0mg	0/30								
103	469	11.9mg	290.mg	0/31	36.0mg	5/28								
a	469	22.3mg	n.s.s.	1/31	36.0mg	2/28								
104	2034u	2.73mg	7.59mg	4/24	6.50mg	14/24	13.0mg	22/24	26.0mg	23/24			Wolff;jtxe,33,327-348;1991/pers.comm.	
a	2034u	5.71mg	23.4mg	2/24	6.50mg	7/24	13.0mg	14/24	26.0mg	9/24				
b	2034u	26.5mg	125.mg	0/24	6.50mg	0/24	13.0mg	0/24	26.0mg	12/24				
c	2034u	28.8mg	161.mg	0/24	6.50mg	0/24	13.0mg	0/24	26.0mg	10/24				
105	2034s	2.13mg	5.95mg	0/24	6.00mg	9/24	12.0mg	22/24	24.0mg	24/24				
a	2034s	2.95mg	8.96mg	0/24	6.00mg	5/24	12.0mg	17/24	24.0mg	21/24				
b	2034s	3.53mg	22.2mg	8/24	6.00mg	6/24	12.0mg	10/24	24.0mg	9/24				
106	2034w	1.12mg	4.04mg	16/24	6.50mg	23/24	13.0mg	23/24	26.0mg	24/24				
a	2034w	4.06mg	14.7mg	0/24	6.50mg	6/24	13.0mg	10/24	26.0mg	11/24				
b	2034w	31.1mg	188.mg	0/24	6.50mg	0/24	13.0mg	1/24	26.0mg	8/24				
c	2034w	31.1mg	188.mg	0/24	6.50mg	0/24	13.0mg	1/24	26.0mg	8/24				
107	2034v	.643mg	3.35mg	0/24	6.00mg	8/24	12.0mg	15/21	24.0mg	18/23				
a	2034v	1.76mg	15.9mg	14/24	6.00mg	11/24	12.0mg	11/21	24.0mg	7/23				
b	2034v	1.81mg	8.38mg	0/24	6.00mg	3/24	12.0mg	12/21	24.0mg	15/23				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
108	1447	2.16mg	9.44mg	0/17	65.0mg	33/34				Wood;ejca,6,433-440;1970	
a	1447	3.13mg	11.1mg	0/17	65.0mg	32/34					
b	1447	92.0mg	n.s.s.	0/17	65.0mg	1/34					
c	1447	92.0mg	n.s.s.	0/17	65.0mg	1/34					
109	1447	15.5mg	260.mg	0/13	60.0mg	7/20					
a	1447	15.5mg	260.mg	0/13	60.0mg	7/20					
b	1447	17.7mg	1.94gm	0/13	60.0mg	6/20					
c	1447	24.0mg	n.s.s.	0/13	60.0mg	4/20					
110	1069m	10.9mg	39.8mg	0/31	65.0mg	17/32				Wood;ejca,5,41-47;1969	
a	1069m	16.1mg	74.4mg	0/31	65.0mg	12/32					
b	1069m	21.1mg	131.mg	0/31	65.0mg	9/32					
111	1069n	14.8mg	n.s.s.	0/31	22.9mg	1/18					
112	1069m	19.3mg	183.mg	1/42	60.0mg	9/31					
a	1069m	29.5mg	475.mg	0/42	60.0mg	5/31					
113	1069n	5.23mg	46.5mg	0/42	19.0mg	6/21					
a	1069n	11.2mg	n.s.s.	1/42	19.0mg	2/21					
114	1069m	35.7mg	n.s.s.	0/15	65.0mg	4/30					
a	1069m	134.mg	n.s.s.	0/15	65.0mg	0/30					
115	1069m	23.0mg	n.s.s.	0/10	60.0mg	8/34					
a	1069m	32.6mg	n.s.s.	0/10	60.0mg	5/34					
b	1069m	54.4mg	n.s.s.	1/10	60.0mg	3/34					
116	2004	5.37mg	n.s.s.	0/16	6.77mg	1/5				Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.	
a	2004	9.02mg	n.s.s.	6/74	6.77mg	1/10					
117	1112	2.48mg	10.4mg	0/32	3.00mg	8/16	12.5mg	7/10		Weisburger;jnci,67,75-88;1981	
a	1112	9.24mg	n.s.s.	0/32	3.00mg	2/16	12.5mg	2/10			
118	1112	1.78mg	9.52mg	1/32	2.40mg	3/16	10.0mg	10/10			
119	1756	.385mg	1.11mg	0/30	.320mg	3/29	1.60mg	26/28	8.00mg	23/23	Ogiso;txpy,13,257-265;1985
a	1756	.421mg	1.21mg	0/30	.320mg	3/29	1.60mg	25/28	8.00mg	23/23	
b	1756	28.2mg	n.s.s.	0/30	.320mg	0/29	1.60mg	1/28	8.00mg	0/23	
c	1756	1.52mg	n.s.s.	0/30	.320mg	0/29	1.60mg	0/28	8.00mg	0/23	
120	1063m	.286mg	2.98mg	0/5	10.0mg	8/9				Morris;canr,29,2145-2156;1969	
a	1063m	2.24mg	n.s.s.	0/5	10.0mg	1/8					
b	1063m	5.00mg	n.s.s.	0/5	10.0mg	0/9					
121	1063n	.367mg	2.96mg	3/16	11.0mg	15/16					
a	1063n	3.00mg	n.s.s.	0/16	11.0mg	4/16					
b	1063n	12.1mg	n.s.s.	0/16	11.0mg	0/16					
122	1635m	1.05mg	2.28mg	0/60	15.0mg	60/70				Weikel;jcph,19,591-604;1979/pers.comm.	
a	1635m	6.60mg	33.3mg	1/60	15.0mg	16/70					
b	1635m	16.4mg	n.s.s.	16/60	15.0mg	14/70					
123	1635m	.796mg	1.76mg	1/60	12.0mg	61/70					
a	1635m	7.46mg	n.s.s.	5/60	12.0mg	13/70					
b	1635m	16.5mg	n.s.s.	0/60	12.0mg	3/70					
2,7-ACETYLAMINOFLUORENE 304-28-9											
124	2003	4.17mg	n.s.s.	0/2	5.72mg	1/4				Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.	
a	2003	5.76mg	n.s.s.	1/15	5.72mg	1/6					
b	2003	7.84mg	n.s.s.	3/15	5.72mg	1/6					
125	2003	8.81mg	n.s.s.	7/74	10.5mg	0/6					
4-ACETYLAMINOFLUORENE (N-4-fluorenylacamide) 28322-02-3											
126	144	9.67mg	n.s.s.	0/18	7.98mg	1/13				Morris;jnci,24,149-180;1960	
a	144	9.67mg	n.s.s.	0/18	7.98mg	1/13					
b	144	9.67mg	n.s.s.	0/18	7.98mg	1/13					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
4-ACETYLAMINOPHENYLACETIC ACID 18699-02-0											
127	2381	8.53gm	n.s.s.	2/50	3.00gm	2/50				Trutter;phrm,40,325-335;1990	
a	2381	10.6gm	n.s.s.	1/50	3.00gm	1/50					
b	2381	10.6gm	n.s.s.	1/50	3.00gm	1/50					
128	2381	6.12gm	n.s.s.	1/50	3.00gm	3/50					
a	2381	7.66gm	n.s.s.	1/50	3.00gm	2/50					
b	2381	6.75gm	n.s.s.	9/50	3.00gm	6/50					
129	2385	18.8gm	n.s.s.	1/50	3.00gm	1/50				Trutter;phrm,40,337-349;1990	
130	2385	18.8gm	n.s.s.	1/50	3.00gm	1/50					
a	2385	22.2gm	n.s.s.	3/50	3.00gm	1/50					
N-ACETYLCYSTEINE 616-91-1											
131	2405	1.15gm	n.s.s.	0/12	522.mg	0/12				Chung;canr,56,772-778;1996	
ACIFLUORFEN 50594-66-6											
132	2129m	212.mg	599.mg	1/55	81.4mg	6/59	162.mg	5/57	325.mg	24/58	Quest;rtxp,10,149-159;1989
a	2129m	265.mg	926.mg	1/55	81.4mg	5/59	162.mg	4/57	325.mg	19/58	
b	2129m	493.mg	3.74gm	0/45	81.4mg	0/48	162.mg	3/44	325.mg	6/45	
c	2129m	594.mg	17.3gm	0/45	81.4mg	1/47	162.mg	1/44	325.mg	5/46	
133	2129m	97.9mg	283.mg	9/58	75.1mg	21/60	150.mg	16/56	300.mg	40/59	
a	2129m	174.mg	1.91gm	8/58	75.1mg	18/60	150.mg	12/56	300.mg	25/59	
b	2129m	229.mg	917.mg	1/48	75.1mg	3/50	150.mg	4/45	300.mg	15/44	
c	2129m	709.mg	39.7gm	0/49	75.1mg	0/46	150.mg	0/43	300.mg	4/40	
134	2129n	57.4mg	892.mg	7/80	.975mg	5/69	5.85mg	4/80	29.6mg	15/66	
a	2129n	69.1mg	1.93gm	5/80	.975mg	2/69	5.85mg	4/80	29.6mg	11/66	
b	2129n	157.mg	n.s.s.	2/80	.975mg	3/69	5.85mg	0/80	29.6mg	4/66	
135	2129n	35.4mg	n.s.s.	19/79	.900mg	18/69	5.40mg	28/80	27.3mg	27/70	
a	2129n	61.3mg	n.s.s.	9/79	.900mg	3/69	5.40mg	14/80	27.3mg	12/70	
b	2129n	66.6mg	n.s.s.	10/79	.900mg	15/69	5.40mg	14/80	27.3mg	15/70	
ACROLEIN 107-02-8											
136	2181	19.5mg	n.s.s.	0/67	.500mg	1/64	2.00mg	0/66	4.50mg	2/73	Parent;jact,10,647-659;1991/pers.comm.
a	2181	19.6mg	n.s.s.	11/67	.500mg	5/64	2.00mg	4/66	4.50mg	6/73	
b	2181	27.2mg	n.s.s.	0/65	.500mg	1/53	2.00mg	1/56	4.50mg	0/70	
137	2181	14.8mg	n.s.s.	0/70	.500mg	2/66	2.00mg	0/63	4.50mg	3/71	
a	2181	12.9mg	n.s.s.	6/70	.500mg	3/66	2.00mg	6/63	4.50mg	5/71	
b	2181	42.4mg	n.s.s.	3/67	.500mg	3/60	2.00mg	0/48	4.50mg	0/66	
c	2181	16.2mg	n.s.s.	4/67	.500mg	2/60	2.00mg	5/48	4.50mg	2/66	
138	1853	30.8mg	n.s.s.	1/20	20.1mg	5/20					Lijinsky;txih,3,337-345;1987/pers.comm.
a	1853	39.2mg	n.s.s.	2/20	20.1mg	4/20					
b	1853	48.5mg	n.s.s.	2/20	20.1mg	3/20					
c	1853	70.4mg	n.s.s.	0/20	20.1mg	1/20					
139	1853	7.36mg	55.4mg	0/20	2.64mg	5/20	6.81mg	7/20	(14.1mg	3/20)	
a	1853	57.7mg	n.s.s.	0/20	2.64mg	2/20	6.81mg	0/20	14.1mg	1/20	
b	1853	128.mg	n.s.s.	1/20	2.64mg	1/20	6.81mg	0/20	14.1mg	0/20	
c	1853	64.1mg	n.s.s.	2/20	2.64mg	6/20	6.81mg	0/20	14.1mg	2/20	
d	1853	52.1mg	n.s.s.	2/20	2.64mg	8/20	6.81mg	0/20	14.1mg	3/20	
140	2053m	23.0ug	n.s.s.	0/10	50.0ug	0/10	.500mg	0/10	2.50mg	0/10	Parent;japt,12,131-139;1992/pers.comm.
141	2053n	1.47mg	n.s.s.	0/58	50.0ug	3/57	.500mg	4/58	(2.50mg	0/56)	
a	2053n	17.8mg	n.s.s.	1/60	50.0ug	0/59	.500mg	1/58	2.50mg	1/59	
b	2053n	.525mg	n.s.s.	2/58	50.0ug	0/57	.500mg	0/58	2.50mg	0/56	
142	2053m	23.0ug	n.s.s.	0/10	50.0ug	0/10	.500mg	0/10	2.50mg	0/10	
143	2053n	.163mg	n.s.s.	0/57	50.0ug	4/57	(.500mg	3/59	2.50mg	0/55)	
a	2053n	7.78mg	n.s.s.	1/57	50.0ug	2/57	.500mg	2/59	2.50mg	5/55	
b	2053n	14.2mg	n.s.s.	0/57	50.0ug	0/57	.500mg	1/59	2.50mg	1/55	
c	2053n	16.2mg	n.s.s.	6/57	50.0ug	10/57	.500mg	2/59	2.50mg	4/55	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code
d	2053n	34.2mg	n.s.s.	2/57	50.0ug	1/57	.500mg	0/59	2.50mg	0/55				
ACROLEIN DIETHYLACETAL 3054-95-3														
144	1853	47.6mg	n.s.s.	2/20	15.4mg	5/20	39.5mg	7/20					Lijinsky;txih,3,337-345;1987/pers.comm.	
a	1853	50.7mg	n.s.s.	2/20	15.4mg	4/20	39.5mg	7/20						
b	1853	197.mg	n.s.s.	0/20	15.4mg	1/20	39.5mg	0/20						
c	1853	129.mg	n.s.s.	1/20	15.4mg	3/20	39.5mg	1/20						
145	1853	79.3mg	n.s.s.	0/20	10.8mg	1/20	27.6mg	2/20						
a	1853	42.6mg	n.s.s.	2/20	10.8mg	3/20	27.6mg	6/20						
b	1853	60.9mg	n.s.s.	2/20	10.8mg	2/20	27.6mg	4/20						
c	1853	49.9mg	n.s.s.	1/20	10.8mg	0/20	27.6mg	0/20						
ACROLEIN OXIME 5314-33-0														
146	1853m	11.3mg	n.s.s.	2/20	7.96mg	5/20							Lijinsky;txih,3,337-345;1987/pers.comm.	
a	1853m	45.9mg	n.s.s.	1/20	7.96mg	0/20								
147	1853n	10.4mg	n.s.s.	2/20	10.4mg	8/20								
a	1853n	25.7mg	n.s.s.	0/20	10.4mg	2/20								
b	1853n	13.8mg	n.s.s.	2/20	10.4mg	6/20								
c	1853n	66.2mg	n.s.s.	1/20	10.4mg	0/20								
148	1853m	5.80mg	n.s.s.	2/20	5.57mg	7/20								
a	1853m	12.5mg	n.s.s.	0/20	5.57mg	2/20								
b	1853m	7.88mg	n.s.s.	2/20	5.57mg	5/20								
c	1853m	19.2mg	n.s.s.	1/20	5.57mg	1/20								
149	1853n	17.8mg	n.s.s.	0/20	7.37mg	2/20								
a	1853n	9.61mg	n.s.s.	2/20	7.37mg	6/20								
b	1853n	13.5mg	n.s.s.	2/20	7.37mg	4/20								
c	1853n	46.0mg	n.s.s.	1/20	7.37mg	0/20								
ACRONYCINE 7008-42-6														
150	TR49	.866mg	n.s.s.	20/30	.850mg	9/40	(2.57mg	0/35)						
a	TR49	.400mg	n.s.s.	0/30	.850mg	1/40	2.57mg	0/35					liv:hpa,hpc,nnd.	
b	TR49	.400mg	n.s.s.	0/30	.850mg	1/40	2.57mg	0/35					lun:a/a,a/c.	
151	TR49	1.13mg	n.s.s.	18/30	.850mg	14/40	(2.57mg	0/35)						
a	TR49	2.77mg	n.s.s.	2/30	.850mg	0/40	2.57mg	0/35					liv:hpa,hpc,nnd.	
b	TR49	n.s.s.	n.s.s.	0/30	.850mg	1/40	2.57mg	0/35					lun:a/a,a/c.	
152	TR49	.200mg	2.10mg	4/20	1.04mg	22/35	(2.09mg	16/35	4.20mg	5/35)			mgl:acn,ccn,cyn,fba,pac.	
a	TR49	.222mg	3.99mg	4/20	1.04mg	20/35	(2.09mg	13/35	4.20mg	3/35)				
b	TR49	.495mg	3.02mg	4/20	1.04mg	23/35	2.09mg	17/35	4.20mg	12/35			mgl:acn,ccn,cyn,fba,pac; per:fbs,msm,srn.	C
c	TR49	2.80mg	17.7mg	0/20	1.04mg	1/35	2.09mg	2/35	4.20mg	7/35			per:fbs,msm,srn.	
d	TR49	4.20mg	61.8mg	0/20	1.04mg	0/35	2.09mg	0/35	4.20mg	5/35				
e	TR49	.353mg	1.24mg	7/20	1.04mg	31/35	2.09mg	20/35	4.20mg	25/35				
f	TR49	2.98mg	n.s.s.	0/20	1.04mg	0/35	2.09mg	4/35	4.20mg	0/35			liv:hpa,hpc,nnd.	
153	TR49	.290mg	.843mg	0/20	1.04mg	9/35	2.09mg	13/35	6.40mg	13/35			---:ost; bon:ost; per:fbs,men,msm,srn; ver:ost.	C
a	TR49	.390mg	1.21mg	0/20	1.04mg	4/35	2.09mg	13/35	6.40mg	12/35				
b	TR49	.551mg	1.95mg	0/20	1.04mg	3/35	2.09mg	11/35	6.40mg	8/35			bon:ost; ver:ost.	
c	TR49	.573mg	6.91mg	0/20	1.04mg	5/35	2.09mg	1/35	6.40mg	2/35			per:fbs,men,msm,srn.	
d	TR49	.624mg	9.40mg	1/20	1.04mg	1/35	2.09mg	2/35	6.40mg	4/35				S
e	TR49	.135mg	.412mg	4/20	1.04mg	18/35	2.09mg	16/35	6.40mg	16/35				
f	TR49	.519mg	n.s.s.	0/20	1.04mg	2/35	2.09mg	0/35	6.40mg	0/35			liv:hpa,hpc,nnd.	
ACRYLAMIDE (2-propenamamide) 79-06-1														
154	1787m	2.08mg	22.0mg	10/60	10.0ug	11/60	.100mg	9/60	.500mg	19/58	2.00mg	23/61	Johnson;txap,85,154-168; 1986/pers.comm.	
a	1787m	6.59mg	361.mg	1/60	10.0ug	2/60	.100mg	1/60	.500mg	0/60	2.00mg	7/61		
b	1787m	7.00mg	1.33gm	1/58	10.0ug	0/59	.100mg	1/59	.500mg	1/58	2.00mg	5/60		
c	1787m	7.35mg	197.mg	1/60	10.0ug	1/60	.100mg	0/60	.500mg	0/60	2.00mg	6/61		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
d	1787m	7.94mg	87.1mg	0/60	10.0ug	0/60	.100mg	0/60	.500mg	0/58	2.00mg	5/61				
e	1787m	3.15mg	n.s.s.	10/60	10.0ug	11/60	.100mg	9/60	.500mg	16/58	2.00mg	17/61				
f	1787m	6.10mg	n.s.s.	0/60	10.0ug	3/60	.100mg	2/60	.500mg	1/60	2.00mg	7/61				
g	1787m	6.42mg	n.s.s.	2/60	10.0ug	1/60	.100mg	1/60	.500mg	2/58	2.00mg	6/61				
h	1787m	6.38mg	n.s.s.	0/60	10.0ug	1/60	.100mg	3/60	.500mg	2/60	2.00mg	5/60				
i	1787m	8.21mg	n.s.s.	1/60	10.0ug	2/60	.100mg	1/60	.500mg	0/59	2.00mg	5/60				
j	1787m	12.9mg	n.s.s.	0/60	10.0ug	1/60	.100mg	0/60	.500mg	0/60	2.00mg	3/60				
k	1787m	10.9mg	n.s.s.	1/58	10.0ug	0/59	.100mg	0/59	.500mg	0/58	2.00mg	3/60				
l	1787m	11.1mg	n.s.s.	1/60	10.0ug	0/59	.100mg	0/60	.500mg	0/60	2.00mg	3/61				
m	1787m	17.3mg	n.s.s.	0/60	10.0ug	1/60	.100mg	1/60	.500mg	0/60	2.00mg	1/60				
155	2253	4.42mg	35.8mg	11/96	1.00mg	21/94	3.00mg	30/95						Friedman;faat,27,95-105;1995/Damjanov 1998/pers.comm.		
a	2253	5.52mg	18.9mg	2/100	1.00mg	10/100	3.00mg	23/100								
b	2253	4.88mg	54.9mg	9/96	1.00mg	20/94	3.00mg	26/95								
c	2253	7.15mg	22.5mg	0/100	1.00mg	7/100	3.00mg	16/100								
d	2253	15.8mg	n.s.s.	2/100	1.00mg	3/100	3.00mg	7/100								
e	2253	21.7mg	n.s.s.	0/100	1.00mg	2/100	3.00mg	3/100								
f	2253	24.8mg	n.s.s.	0/100	1.00mg	2/100	3.00mg	2/100								
g	2253	22.2mg	n.s.s.	2/96	1.00mg	2/94	3.00mg	4/95								
h	2253	34.2mg	n.s.s.	0/89	1.00mg	0/21	3.00mg	1/90								
156	1787m	.844mg	8.55mg	3/60	10.0ug	0/60	.100mg	7/60	.500mg	11/60	(2.00mg	10/60)		Johnson;txap,85,154-168;1986/pers.comm.		
a	1787m	5.60mg	91.2mg	1/60	10.0ug	0/60	.100mg	2/60	.500mg	1/60	2.00mg	7/60				
b	1787m	7.49mg	n.s.s.	4/60	10.0ug	0/60	.100mg	0/60	.500mg	2/60	2.00mg	5/60				
c	1787m	11.0mg	n.s.s.	1/60	10.0ug	0/60	.100mg	0/60	.500mg	0/60	2.00mg	3/60				
d	1787m	5.19mg	n.s.s.	3/60	10.0ug	8/59	.100mg	7/60	.500mg	5/60	2.00mg	10/60				
e	1787m	7.30mg	n.s.s.	5/60	10.0ug	2/60	.100mg	0/60	.500mg	2/60	2.00mg	6/60				
f	1787m	4.68mg	n.s.s.	10/60	10.0ug	20/60	.100mg	14/60	.500mg	14/60	2.00mg	16/60				
g	1787m	11.7mg	n.s.s.	3/60	10.0ug	0/60	.100mg	0/60	.500mg	2/60	2.00mg	2/60				
h	1787m	18.9mg	n.s.s.	0/60	10.0ug	2/60	.100mg	0/60	.500mg	0/60	2.00mg	1/60				
i	1787m	25.0mg	n.s.s.	2/60	10.0ug	0/59	.100mg	2/60	.500mg	1/60	2.00mg	0/60				
157	2253	3.95mg	19.3mg	6/202	.100mg	12/203	.500mg	5/101	2.00mg	17/75				Friedman;faat,27,95-105;1995/Damjanov 1998/pers.comm.		
a	2253	4.07mg	18.8mg	3/202	.100mg	9/203	.500mg	5/101	2.00mg	15/75						
b	2253	4.66mg	35.2mg	8/204	.100mg	9/204	.500mg	8/102	2.00mg	13/75						
c	2253	16.8mg	n.s.s.	1/204	.100mg	0/98	.500mg	0/50	2.00mg	2/75						
d	2253	11.9mg	n.s.s.	2/204	.100mg	2/98	.500mg	1/50	2.00mg	3/75						
e	2253	15.9mg	n.s.s.	3/203	.100mg	3/203	.500mg	0/101	2.00mg	3/75						
f	2253	12.0mg	n.s.s.	0/172	.100mg	1/68	.500mg	0/37	2.00mg	1/51						
g	2253	27.3mg	n.s.s.	1/204	.100mg	1/98	.500mg	1/50	2.00mg	0/75						
ACRYLIC ACID		79-10-7														
158	2128m	5.73mg	n.s.s.	0/20	6.86mg	0/20	45.7mg	0/20	114.mg	0/20	286.mg	0/20		Hellwig;fctx,31,1-18;1993		
159	2128n	14.4mg	198.mg	40/50	6.86mg	41/50	22.9mg	43/50	68.6mg	49/50						
a	2128n	796.mg	n.s.s.	1/50	6.86mg	0/50	22.9mg	0/50	68.6mg	1/50						
b	2128n	359.mg	n.s.s.	6/50	6.86mg	14/50	22.9mg	5/50	68.6mg	7/50						
160	2128m	4.81mg	n.s.s.	0/20	6.00mg	0/19	40.0mg	0/20	100.mg	0/20	250.mg	0/20				
161	2128n	405.mg	n.s.s.	4/50	6.00mg	3/49	20.0mg	1/50	60.0mg	3/50						
a	2128n	485.mg	n.s.s.	1/50	6.00mg	1/49	20.0mg	1/50	60.0mg	1/50						
ACRYLONITRILE		107-13-1														
162	TR506	3.72mg	12.2mg	14/50	1.79mg	15/50	7.14mg	38/50	14.3mg	35/50				for:sqc,sqp; hag:ade,anb,car. C		
a	TR506	4.62mg	11.5mg	3/50	1.79mg	7/50	7.14mg	25/50	14.3mg	29/50				for:sqc,sqp.		
b	TR506	5.65mg	17.5mg	3/50	1.79mg	6/50	7.14mg	24/50	14.3mg	19/50						
c	TR506	5.76mg	25.4mg	11/50	1.79mg	10/50	7.14mg	26/50	14.3mg	25/50				hag:ade,anb,car.		
d	TR506	6.13mg	29.3mg	10/50	1.79mg	10/50	7.14mg	25/50	14.3mg	23/50				hag:ade,anb.		
e	TR506	21.1mg	90.4mg	0/50	1.79mg	1/50	7.14mg	1/50	14.3mg	11/50						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
f	TR506	35.3mg	6.38gm	0/50	1.79mg	1/50	7.14mg	1/50	14.3mg	4/50						S
g	TR506	14.2mg	n.s.s.	6/50	1.79mg	6/50	7.14mg	14/50	14.3mg	9/50					lun:a/a,a/c.	
h	TR506	33.5mg	n.s.s.	0/50	1.79mg	0/50	7.14mg	4/50	14.3mg	1/50					ova:gcb,gcm.	
i	TR506	5.64mg	n.s.s.	50/50	1.79mg	45/50	7.14mg	50/50	14.3mg	40/50						
j	TR506	20.3mg	n.s.s.	20/50	1.79mg	15/50	7.14mg	19/50	14.3mg	10/50					liv:hpa,hpb,hpc.	
k	TR506	14.2mg	n.s.s.	6/50	1.79mg	6/50	7.14mg	14/50	14.3mg	9/50					lun:a/a,a/c.	
163	TR506	2.89mg	6.95mg	9/50	1.79mg	19/50	7.14mg	39/50	14.3mg	39/50					for:sqc,sqp; hag:ade,car.	C
a	TR506	4.15mg	9.13mg	3/50	1.79mg	4/50	7.14mg	26/50	14.3mg	32/50					for:sqc,sqp.	
b	TR506	4.07mg	11.1mg	6/50	1.79mg	16/50	7.14mg	27/50	14.3mg	30/50					hag:ade,car.	
c	TR506	4.55mg	13.4mg	5/50	1.79mg	16/50	7.14mg	24/50	14.3mg	27/50						
d	TR506	5.15mg	13.1mg	3/50	1.79mg	4/50	7.14mg	19/50	14.3mg	25/50						
e	TR506	15.2mg	54.3mg	0/50	1.79mg	0/50	7.14mg	8/50	14.3mg	9/50						
f	TR506	26.1mg	n.s.s.	1/50	1.79mg	1/50	7.14mg	4/50	14.3mg	3/50						S
g	TR506	3.15mg	19.6mg	50/50	1.79mg	43/50	7.14mg	49/50	14.3mg	50/50						
h	TR506	7.87mg	n.s.s.	32/50	1.79mg	36/50	7.14mg	37/50	14.3mg	17/50					liv:hpa,hpb,hpc.	
i	TR506	19.3mg	n.s.s.	14/50	1.79mg	11/50	7.14mg	8/50	14.3mg	9/50					lun:a/a,a/c.	
164	1881	14.5mg	77.9mg	0/18	1.00mg	0/20	5.00mg	1/19	25.0mg	9/18					Gallagher;jact,7,603-615;1988	
a	1881	33.6mg	591.mg	0/20	1.00mg	0/20	5.00mg	0/20	25.0mg	4/20						
b	1881	15.4mg	n.s.s.	5/18	1.00mg	3/20	5.00mg	1/19	(25.0mg)	0/18)						
c	1881	12.6mg	n.s.s.	3/18	1.00mg	1/20	5.00mg	8/20	25.0mg	8/18						
165	BT201	.679mg	n.s.s.	1/30	.271mg	5/30	.542mg	7/30	(1.08mg)	2/30	2.17mg	0/30)			Maltoni;anya,534,179-202;1988	
a	BT201	10.1mg	n.s.s.	0/30	.271mg	0/30	.542mg	0/30	1.08mg	1/30	2.17mg	1/30				
b	BT201	.893mg	n.s.s.	0/30	.271mg	0/30	.542mg	0/30	1.08mg	0/30	2.17mg	0/30				
c	BT201	.623mg	n.s.s.	9/30	.271mg	23/30	.542mg	15/30	1.08mg	17/30	(2.17mg)	10/30)				
d	BT201	4.00mg	n.s.s.	3/30	.271mg	12/30	.542mg	6/30	1.08mg	7/30	2.17mg	6/30				
166	BT203	8.83mg	n.s.s.	0/75	1.07mg	0/40										
a	BT203	.782mg	n.s.s.	39/75	1.07mg	25/40										
b	BT203	2.33mg	n.s.s.	17/75	1.07mg	9/40										
167	BT4003	5.82mg	75.7mg	24/60	11.1mg	37/54										
a	BT4003	40.1mg	n.s.s.	0/60	11.1mg	3/54										
b	BT4003	123.mg	n.s.s.	0/60	11.1mg	0/54										
c	BT4003	11.7mg	495.mg	9/60	11.1mg	20/54										
d	BT4003	4.69mg	n.s.s.	35/60	11.1mg	43/54										
168	BT201	5.77mg	n.s.s.	0/30	.190mg	0/30	.379mg	0/30	.759mg	1/30	1.52mg	2/30				
a	BT201	.625mg	n.s.s.	0/30	.190mg	0/30	.379mg	0/30	.759mg	0/30	1.52mg	0/30				
b	BT201	.674mg	6.77mg	8/30	.190mg	7/30	.379mg	19/30	.759mg	15/30	1.52mg	19/30				
c	BT201	.565mg	n.s.s.	3/30	.190mg	0/30	.379mg	10/30	(.759mg)	9/30	1.52mg	10/30)				
169	BT203	8.83mg	n.s.s.	0/75	1.07mg	0/40										
a	BT203	1.55mg	n.s.s.	13/75	1.07mg	11/40										
b	BT203	3.14mg	n.s.s.	6/75	1.07mg	4/40										
170	1251n	29.6mg	94.2mg	0/99	3.24mg	4/100	13.0mg	17/99							Quast;dcrp;1980	
a	1251n	35.2mg	130.mg	0/99	3.24mg	3/99	13.0mg	14/99								
b	1251n	42.0mg	193.mg	0/93	3.24mg	1/98	13.0mg	11/89								
c	1251n	44.7mg	217.mg	0/93	3.24mg	0/98	13.0mg	11/89								
d	1251n	55.6mg	444.mg	0/93	3.24mg	1/96	13.0mg	7/88								
e	1251n	12.8mg	n.s.s.	0/11	3.24mg	0/10	13.0mg	2/10								
f	1251n	31.7mg	13.1gm	9/99	3.24mg	8/100	13.0mg	20/99								
g	1251n	58.9mg	n.s.s.	0/72	3.24mg	1/68	13.0mg	0/23								
h	1251n	58.9mg	n.s.s.	0/72	3.24mg	1/68	13.0mg	0/23								
i	1251n	21.6mg	n.s.s.	79/99	3.24mg	96/100	13.0mg	75/99								
j	1251n	9.07mg	n.s.s.	97/99	3.24mg	99/100	13.0mg	93/99								
171	1268n	3.52mg	8.79mg	1/80	2.00mg	17/48	5.69mg	22/48	(15.4mg)	24/47)					Quast;dcfr;1980	
a	1268n	3.07mg	34.3mg	0/79	2.00mg	1/7	5.69mg	4/10	(15.4mg)	4/34)						
b	1268n	6.74mg	22.5mg	0/78	2.00mg	9/48	5.69mg	11/47	(15.4mg)	8/46)						
c	1268n	9.08mg	20.8mg	1/80	2.00mg	1/47	5.69mg	12/48	15.4mg	30/47						
d	1268n	9.11mg	24.1mg	1/80	2.00mg	10/48	5.69mg	17/47	15.4mg	21/47						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
e	1268n	9.38mg	21.7mg	1/80	2.00mg	1/47	5.69mg	12/48	15.4mg	29/47	
f	1268n	14.1mg	43.5mg	1/80	2.00mg	5/48	5.69mg	8/48	15.4mg	18/47	
g	1268n	18.3mg	71.7mg	1/80	2.00mg	4/48	5.69mg	6/48	15.4mg	14/47	
h	1268n	20.2mg	353.mg	6/80	2.00mg	7/48	5.69mg	9/48	15.4mg	13/47	
i	1268n	23.7mg	108.mg	0/79	2.00mg	0/46	5.69mg	0/45	15.4mg	12/34	
j	1268n	33.1mg	285.mg	0/79	2.00mg	2/47	5.69mg	3/48	15.4mg	6/46	
k	1268n	41.1mg	280.mg	0/78	2.00mg	0/48	5.69mg	2/47	15.4mg	6/46	
l	1268n	42.4mg	798.mg	0/80	2.00mg	1/48	5.69mg	3/48	15.4mg	4/47	
m	1268n	34.0mg	n.s.s.	1/68	2.00mg	0/34	5.69mg	1/25	15.4mg	1/11	
n	1268n	11.0mg	n.s.s.	57/80	2.00mg	42/48	5.69mg	42/48	15.4mg	35/47	
o	1268n	.287mg	n.s.s.	78/80	2.00mg	47/48	5.69mg	48/48	15.4mg	48/48	
172	1268o	17.7mg	80.9mg	0/78	15.4mg	12/44					
a	1268o	20.7mg	110.mg	0/78	15.4mg	10/44					
173	1251m	18.9mg	63.8mg	0/96	2.27mg	4/93	9.10mg	15/82			Quast;dcrp;1980
a	1251m	20.0mg	117.mg	4/96	2.27mg	3/93	9.10mg	17/82			
b	1251m	21.7mg	80.1mg	0/96	2.27mg	2/93	9.10mg	14/82			
c	1251m	25.3mg	174.mg	1/96	2.27mg	3/93	9.10mg	11/82			
d	1251m	25.4mg	310.mg	2/96	2.27mg	4/93	9.10mg	11/82			
e	1251m	38.9mg	n.s.s.	1/95	2.27mg	2/93	9.10mg	6/81			
f	1251m	65.7mg	n.s.s.	0/74	2.27mg	0/64	9.10mg	1/48			
g	1251m	10.9mg	n.s.s.	86/100	2.27mg	75/100	9.10mg	80/100			
174	1251o	19.0mg	127.mg	2/96	9.10mg	14/81					
a	1251o	25.2mg	1.03gm	0/72	9.10mg	4/48					
b	1251o	35.1mg	n.s.s.	1/95	9.10mg	7/89					
175	1268m	4.58mg	9.11mg	0/79	1.75mg	3/46	4.98mg	23/47	14.9mg	39/47	Quast;d CFR;1980
a	1268m	7.33mg	17.9mg	1/73	1.75mg	8/45	4.98mg	19/47	14.9mg	23/44	
b	1268m	8.03mg	21.0mg	1/73	1.75mg	8/45	4.98mg	18/47	14.9mg	21/44	
c	1268m	8.40mg	18.6mg	0/79	1.75mg	2/46	4.98mg	17/47	14.9mg	25/47	
d	1268m	9.38mg	22.6mg	0/73	1.75mg	1/44	4.98mg	10/47	14.9mg	25/43	
e	1268m	9.34mg	49.5mg	0/73	1.75mg	3/44	4.98mg	8/47	(14.9mg	6/44)	
f	1268m	18.3mg	93.5mg	3/73	1.75mg	4/45	4.98mg	3/47	14.9mg	15/44	
g	1268m	29.9mg	n.s.s.	3/73	1.75mg	6/16	4.98mg	1/11	14.9mg	6/42	
h	1268m	82.9mg	n.s.s.	1/50	1.75mg	1/31	4.98mg	0/31	14.9mg	0/18	
i	1268m	2.31mg	70.8mg	67/80	1.75mg	37/47	4.98mg	47/48	14.9mg	46/48	
176	1268r	23.5mg	n.s.s.	1/68	14.9mg	5/37					
a	1268r	23.5mg	n.s.s.	1/68	14.9mg	5/37					
ACTINOMYCIN C (sanamycin) 8052-16-2											
177	1017	.504mg	n.s.s.	7/65	.500mg	6/22					Schmahl; arzn, 1461-1467; 1970
a	1017	.635mg	n.s.s.	3/65	.500mg	4/22					
b	1017	1.03mg	n.s.s.	4/65	.500mg	2/22					
ACTINOMYCIN D 50-76-0											
178	1336	1.14ug	3.87ug	0/182	3.15ug	18/30	7.93ug	1/5			Skipper; srfr; 1976/Weisburger; canc; 1977/Prejean pers. comm.
a	1336	8.16ug	n.s.s.	0/182	3.15ug	0/30	7.93ug	1/5			
b	1336	3.24ug	n.s.s.	0/182	3.15ug	0/30	7.93ug	0/5			
c	1336	658.ng	2.74ug	44/182	3.15ug	25/30	7.93ug	3/5			
d	1336	618.ng	10.0ug	103/182	3.15ug	26/30	7.93ug	4/5			
e	1336	11.8ug	n.s.s.	59/182	3.15ug	1/30	7.93ug	1/5			
179	1336	456.ng	1.38ug	0/177	3.15ug	27/34					
a	1336	4.93ug	.571mg	0/177	3.15ug	2/34					
b	1336	4.93ug	.571mg	0/177	3.15ug	2/34					
c	1336	6.63ug	n.s.s.	0/177	3.15ug	1/34					
d	1336	244.ng	1.10ug	59/177	3.15ug	32/34					
e	1336	394.ng	1.41ug	32/177	3.15ug	29/34					
f	1336	6.99ug	n.s.s.	27/177	3.15ug	3/34					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
ADIPAMIDE 628-94-4												
180	1343	1.99gm	n.s.s.	2/89p	1.57gm	3/40	(2.35gm	0/39)			Fleischman;jept,3,149-170;1980	
a	1343	8.83gm	n.s.s.	1/89p	1.57gm	1/40	2.35gm	0/39				
181	1343	3.05gm	n.s.s.	2/91p	1.44gm	0/38	2.17gm	0/40				
a	1343	8.13gm	n.s.s.	1/87p	1.44gm	1/38	2.17gm	0/40				
182	1343	2.15gm	n.s.s.	0/49	903.mg	0/34	2.18gm	0/48				
183	1343	2.44gm	71.7gm	0/50	722.mg	0/35	1.75gm	5/49				
ADRIAMYCIN 23214-92-8												
184	2003n	805.ng	n.s.s.	0/22	8.00ug	1/2					Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.	
a	2003n	2.41ug	n.s.s.	0/39	8.00ug	1/5						
b	2003n	788.ng	65.2ug	0/39	8.00ug	2/5						
c	2003n	805.ng	n.s.s.	0/22	8.00ug	1/2						
d	2003n	2.41ug	n.s.s.	0/39	8.00ug	1/5						
185	2003o	n.s.s.	n.s.s.	0/15	6.00ug	-/-						
186	2003m	2.23ug	n.s.s.	0/97	25.0ug	1/4						
a	2003m	918.ng	n.s.s.	1/97	25.0ug	1/4						
187	2003n	1.25ug	n.s.s.	2/74	8.00ug	0/5						
188	2003o	208.ng	.315mg	0/36	6.00ug	1/1						
a	2003o	623.ng	n.s.s.	0/37	6.00ug	1/2						
b	2003o	748.ng	n.s.s.	4/108	6.00ug	2/6						
AF-2 (furylfuramide) 3688-53-7												
189	1315	34.5mg	110.mg	0/16	83.6mg	10/17	167.mg	13/17			Kinebuchi;fctx,17,339-341;1979	
a	1315	381.mg	n.s.s.	0/16	83.6mg	0/17	167.mg	1/17				
b	1315	381.mg	n.s.s.	0/16	83.6mg	0/17	167.mg	1/17				
c	1315	160.mg	n.s.s.	0/16	83.6mg	0/17	167.mg	0/17				
d	1315	160.mg	n.s.s.	0/16	83.6mg	0/17	167.mg	0/17				
190	1315	17.6mg	55.0mg	0/19	73.6mg	13/20	147.mg	17/17				
a	1315	81.7mg	452.mg	0/19	73.6mg	3/20	147.mg	8/17				
b	1315	133.mg	1.66gm	0/19	73.6mg	0/20	147.mg	6/17				
c	1315	355.mg	n.s.s.	0/19	73.6mg	0/20	147.mg	1/17				
d	1315	156.mg	n.s.s.	0/19	73.6mg	0/20	147.mg	0/17				
e	1315	156.mg	n.s.s.	0/19	73.6mg	0/20	147.mg	0/17				
191	1316	415.mg	1.38gm	0/50	78.0mg	2/50	390.mg	17/50			Takayama;clet,3,115-120;1977	
a	1316	1.03gm	10.2gm	0/50	78.0mg	0/50	390.mg	6/50				
b	1316	1.73gm	n.s.s.	1/50	78.0mg	2/50	390.mg	2/50				
192	1316	426.mg	1.52gm	0/50	72.0mg	2/50	360.mg	15/50				
a	1316	499.mg	2.03gm	0/50	72.0mg	0/50	360.mg	14/50				
b	1316	1.53gm	n.s.s.	2/50	72.0mg	1/50	360.mg	3/50				
193	455	22.7mg	629.mg	1/10	165.mg	7/10					Sano;zkko,89,61-68;1977	
a	455	28.2mg	309.mg	0/10	165.mg	6/10						
b	455	73.2mg	n.s.s.	0/10	165.mg	2/10						
c	455	201.mg	n.s.s.	0/10	165.mg	0/10						
d	455	22.7mg	629.mg	1/10	165.mg	7/10						
194	359	65.6mg	143.mg	0/65	104.mg	13/50	520.mg	36/50			Yokoro;gann,68,825-828;1977	
a	359	140.mg	393.mg	0/65	104.mg	1/50	520.mg	25/50				
b	359	464.mg	n.s.s.	2/65	104.mg	5/50	520.mg	5/50				
c	359	317.mg	n.s.s.	0/65	104.mg	0/50	520.mg	0/50				
195	362	501.mg	n.s.s.	6/30	16.3mg	2/30	65.0mg	6/30	260.mg	5/30	Miyaji;tjem,103,331-369;1971	
196	359	62.6mg	151.mg	0/25	96.0mg	15/50	480.mg	34/50			Yokoro;gann,68,825-828;1977	
a	359	129.mg	363.mg	0/25	96.0mg	1/50	480.mg	25/50				
b	359	293.mg	n.s.s.	0/25	96.0mg	0/50	480.mg	0/50				
197	362	489.mg	n.s.s.	9/30	15.0mg	6/30	60.0mg	14/30	240.mg	6/30	Miyaji;tjem,103,331-369;1971	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
198	517	6.31mg	22.8mg	2/29	69.7mg	24/29				Cohen;gann,68,473-476;1977	
a	517	14.2mg	56.5mg	0/29	69.7mg	15/29					
199	1316	49.9mg	125. mg	3/50	30.0mg	17/50	150. mg	37/50		Takayama;clet,3,115-120;1977	
a	1316	223. mg	962. mg	0/50	30.0mg	1/50	150. mg	12/50			
b	1316	606. mg	n. s. s.	0/50	30.0mg	0/50	150. mg	3/50			
200	1316	205. mg	1.04gm	0/50	24.0mg	1/50	120. mg	10/50			
a	1316	415. mg	n. s. s.	0/50	24.0mg	1/50	120. mg	3/50			
b	1316	485. mg	n. s. s.	0/50	24.0mg	0/50	120. mg	3/50			
AFLATOXICOL		29611-03-8									
201	1083	1.38ug	4.97ug	0/20	1.00ug	4/20	4.00ug	14/20		Nixon;jnci,66,1159-1163;1981	
a	1083	8.08ug	n. s. s.	0/20	1.00ug	0/20	4.00ug	2/20			
AFLATOXIN B1		1162-65-8									
202	1636	1.62ug	67.6ug	3/11	9.69ug	12/15				Griciute;iarc,813-822;1980	
a	1636	12.3ug	n. s. s.	0/11	9.69ug	1/15					
b	1636	23.4ug	n. s. s.	0/11	9.69ug	0/15					
c	1636	1.68ug	n. s. s.	4/11	9.69ug	12/15					
203	1636	11.3ug	n. s. s.	1/20	8.07ug	1/15					
a	1636	19.5ug	n. s. s.	2/20	8.07ug	0/15					
b	1636	19.5ug	n. s. s.	2/20	8.07ug	0/15					
c	1636	8.52ug	n. s. s.	11/20	8.07ug	4/14					
204	1439	11.5ug	80.9ug	0/8	99.7ug	9/12				Reddy;canr,36,151-160;1976	
205	2004	3.25ug	27.7ug	0/45	56.0ug	10/13				Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.	
a	2004	6.34ug	72.9ug	0/45	56.0ug	6/13					
b	2004	12.9ug	.215mg	0/39	56.0ug	4/12					
c	2004	12.0ug	3.21mg	0/47	56.0ug	2/14					
d	2004	21.4ug	.613mg	0/34	56.0ug	3/10					
e	2004	7.26ug	n. s. s.	0/14	56.0ug	1/2					
f	2004	7.26ug	n. s. s.	0/14	56.0ug	1/2					
g	2004	7.26ug	n. s. s.	0/14	56.0ug	1/2					
h	2004	16.9ug	n. s. s.	0/26	56.0ug	1/4					
i	2004	55.7ug	n. s. s.	0/39	56.0ug	1/12					
j	2004	60.5ug	n. s. s.	0/45	56.0ug	1/13					
k	2004	3.26ug	24.3ug	1/47	56.0ug	12/14					
206	2004	1.71ug	20.0ug	1/85	45.0ug	10/14					
a	2004	1.52ug	.186mg	0/44	45.0ug	2/4					
b	2004	2.11ug	72.1ug	1/74	45.0ug	5/11					
c	2004	2.25ug	.131mg	1/74	45.0ug	4/11					
d	2004	4.10ug	.140mg	0/84	45.0ug	3/13					
e	2004	6.39ug	.172mg	0/54	45.0ug	3/9					
f	2004	25.2ug	1.97mg	0/85	45.0ug	2/14					
g	2004	25.9ug	n. s. s.	0/54	45.0ug	1/9					
h	2004	2.06ug	22.3ug	2/85	45.0ug	10/14					
207	1071	n. s. s.	6.75ug	0/8	21.5ug	6/6				Angsubhakorn;bjca,43,881-883;1981	
a	1071	n. s. s.	6.75ug	0/8	21.5ug	6/6					
b	1071	n. s. s.	6.75ug	0/8	21.5ug	6/6					
208	1664	2.66ug	18.7ug	0/14	20.0ug	9/20				Angsubhakorn;ijcn,28,621-626;1981	
a	1664	3.40ug	47.3ug	0/14	20.0ug	7/20					
209	1454	2.55ug	7.52ug	0/50	4.00ug	24/50				Newberne;jnci,50,439-448;1973	
210	17	44.5ug	n. s. s.	0/12	.100mg	3/14				Ward;jnci,55,107-110;1975	
211	1824	8.58ug	n. s. s.	0/144	250. ng	0/24	750. ng	0/24	2.25ug	1/24	Elashoff;jnci,79,509-526;1987
212	17	13.3ug	n. s. s.	0/6	80.0ug	2/5				Ward;jnci,55,107-110;1975	
213	1083	600. ng	4.24ug	0/20	1.00ug	8/20				Nixon;jnci,66,1159-1163;1981	
a	1083	2.17ug	n. s. s.	0/20	1.00ug	1/20					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc									Citation or Pathology	Brkly Code
214	1824	6.83ug	n.s.s.	1/144	200.ng	0/23	600.ng	0/24	1.80ug	1/23							Elashoff;jnci,79,509-526;1987	
215	1041	1.62ug	n.s.s.	0/15	1.00ug	1/15											Nixon;jnci,53,453-458;1974	
216	18	614.ng	1.49ug	0/18	40.0ng	2/22	200.ng	1/22	600.ng	4/21	2.00ug	20/25	4.00ug	28/28			Wogan;fctx,12,681-685;1974	
217	1041	422.ng	6.52ug	0/16	800.ng	5/13											Nixon;jnci,53,453-458;1974	
218	13	7.83ug	21.2ug	0/34	5.00ug	5/30	25.0ug	26/33									Butler;fctx,6,135-141;1968	
219	13	2.11ug	6.01ug	0/46	4.00ug	17/34	20.0ug	25/25										
220	1070	1.96ug	n.s.s.	0/90	279.ng	1/76											Fong;fctx,19,179-183;1981	
a	1070	1.20ug	n.s.s.	0/90	279.ng	3/76												
221	1075	n.s.s.	2.13ug	0/10	10.0ug	12/12											Burtin;bjca,43,684-688;1981	
222	1041	3.36ug	22.1ug	0/18	1.00ug	0/19	5.00ug	8/18									Nixon;jnci,53,453-458;1974	
223	1041	2.89ug	21.9ug	0/17	800.ng	0/20	4.00ug	7/17										
224	15	18.7ug	.392mg	0/9	40.0ug	3/12	80.0ug	3/12	.120mg	6/12							Merkow;canr,33,1608-1614;1973	
AFLATOXIN, CRUDE 1402-68-2																		
225	309	.133mg	2.34mg	11/37	2.38mg	11/14												Louria;sabo,12,371-375;1974
a	309	1.72mg	n.s.s.	0/37	2.38mg	0/14												
226	16	2.90ug	31.7ug	0/10	40.0ug	6/10												Newberne;livt,15,962-969;1966
227	333	1.12ug	3.38ug	0/20	8.00ug	25/35												Newberne;aenh,19,489-498;1969
a	333	3.38ug	25.8ug	0/20	8.00ug	10/35												
228	1514	1.92mg	6.89mg	0/10	.368mg	0/10	2.45mg	1/10	7.36mg	7/10	9.81mg	10/15						Lee;jnci,43,1037-1041;1969
a	1514	3.05mg	23.5mg	1/10	.368mg	0/10	2.45mg	1/10	7.36mg	5/10	9.81mg	7/15						
b	1514	5.91mg	n.s.s.	0/10	.368mg	0/10	2.45mg	2/10	7.36mg	0/10	9.81mg	4/15						
AGAR 9002-18-0																		
229	TR230	4.42gm	n.s.s.	26/50	3.19gm	24/50	(6.38gm	16/50)										
a	TR230	34.9gm	n.s.s.	4/50	3.19gm	5/50	6.38gm	1/50										liv:hpa,hpc,nnd.
b	TR230	13.7gm	n.s.s.	7/50	3.19gm	3/50	(6.38gm	1/50)										lun:a/a,a/c.
230	TR230	9.17gm	79.1gm	0/50	2.94gm	3/50	5.89gm	7/50										S
a	TR230	5.67gm	n.s.s.	24/50	2.94gm	24/50	5.89gm	25/50										
b	TR230	8.46gm	n.s.s.	9/50	2.94gm	8/50	5.89gm	13/50										liv:hpa,hpc,nnd.
c	TR230	12.1gm	n.s.s.	6/50	2.94gm	6/50	5.89gm	7/50										lun:a/a,a/c.
231	TR230	8.92gm	n.s.s.	0/50	1.21gm	0/50	2.45gm	4/50										S
a	TR230	2.79gm	n.s.s.	47/50	1.21gm	43/50	2.45gm	43/50										
b	TR230	n.s.s.	n.s.s.	0/50	1.21gm	0/50	2.45gm	0/50										liv:hpa,hpc,nnd.
232	TR230	1.67gm	n.s.s.	32/50	981.mg	38/50	1.96gm	35/50										
a	TR230	7.81gm	n.s.s.	0/50	981.mg	2/50	1.96gm	1/50										liv:hpa,hpc,nnd.
ALCLOFENAC ((4-allyloxy-3-chlorophenyl)acetic acid) 22131-79-9																		
233	2432	148.mg	3.07gm	0/95	20.0mg	1/47	40.0mg	4/50	(80.0mg	0/50)								Everett;iyke,18,201-217;1987
a	2432	610.mg	n.s.s.	8/94	20.0mg	1/46	40.0mg	1/50	80.0mg	3/48								
b	2432	54.2mg	n.s.s.	84/95	20.0mg	43/48	40.0mg	43/50	80.0mg	43/50								
234	2432	328.mg	n.s.s.	9/86	20.0mg	4/44	40.0mg	5/46	80.0mg	4/44								
a	2432	58.2mg	n.s.s.	81/94	20.0mg	42/46	40.0mg	44/48	80.0mg	39/48								
ALDICARB (temik) 116-06-3																		
235	TR136	1.27mg	n.s.s.	15/25	.260mg	21/50	.780mg	22/50										
a	TR136	2.83mg	n.s.s.	3/25	.260mg	0/50	.780mg	4/50										liv:hpa,hpc,nnd.
b	TR136	3.30mg	n.s.s.	1/25	.260mg	4/50	.780mg	1/50										lun:a/a,a/c.
236	TR136	.508mg	n.s.s.	8/25	.240mg	27/50	.720mg	30/50										
a	TR136	.776mg	n.s.s.	5/25	.240mg	14/50	.720mg	18/50										liv:hpa,hpc,nnd.
b	TR136	1.53mg	n.s.s.	1/25	.240mg	6/50	.720mg	5/50										lun:a/a,a/c.
237	TR136	.178mg	n.s.s.	21/25	.100mg	45/50	.300mg	46/50										
a	TR136	n.s.s.	n.s.s.	0/25	.100mg	0/50	.300mg	0/50										liv:hpa,hpc,nnd.
238	TR136	.194mg	n.s.s.	16/25	80.0ug	23/50	.240mg	28/50										
a	TR136	.411mg	n.s.s.	1/25	80.0ug	1/50	.240mg	5/50										liv:hpa,hpc,nnd.

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology				Brkly Code			
ALDRIN 309-00-2															
239	TR21	.84mg	n.s.s.	1/10	.330mg	11/50	.640mg	5/50							
a	TR21	1.14mg	n.s.s.	0/10	.330mg	5/50	.640mg	2/50	liv:hpa,hpc,nnd.						
b	TR21	2.22mg	n.s.s.	0/10	.330mg	1/50	.640mg	1/50	lun:a/a,a/c.						
240	TR21	.411mg	10.0mg	3/20	.470mg	16/50	.840mg	25/50							
a	TR21	1.45mg	n.s.s.	0/20	.470mg	3/50	.840mg	5/50	lun:a/a,a/c. S						
b	TR21	.433mg	n.s.s.	7/20	.470mg	18/50	.840mg	28/50							
c	TR21	.411mg	10.0mg	3/20	.470mg	16/50	.840mg	25/50	liv:hpa,hpc,nnd.						
d	TR21	1.45mg	n.s.s.	0/20	.470mg	3/50	.840mg	5/50	lun:a/a,a/c.						
241	TR21	.467mg	3.01mg	17/95p	.470mg	16/50	.840mg	25/50							
242	20a	2.55mg	12.3mg	9/134	1.25mg	35/151			Davis;txap,4,187-189;1962						
a	20a	21.0mg	n.s.s.	0/134	1.25mg	1/151									
b	20a	28.4mg	n.s.s.	3/134	1.25mg	1/151									
243	22a	2.13mg	7.96mg	27/200	1.25mg	65/200			Epstein(review) {H J Davis};stev,4,1-52;1975						
a	22a	24.4mg	n.s.s.	4/200	1.25mg	3/200									
b	22a	2.43mg	13.8mg	30/200	1.25mg	61/200									
c	22a	24.7mg	n.s.s.	21/200	1.25mg	9/200									
244	23	7.89mg	n.s.s.	1/17	22.5ug	5/19	90.0ug	2/19	.450mg	2/22	2.25mg	2/18	4.50mg	4/11	
a	23	10.0mg	n.s.s.	3/17	22.5ug	10/19	90.0ug	7/19	.450mg	8/22	2.25mg	5/18	4.50mg	5/11	Fitzhugh;fctx,2,551-562;1964
					6.75mg	1/9									
245	TR21	1.55mg	n.s.s.	5/10	1.07mg	35/50	2.14mg	32/50							
a	TR21	9.99mg	n.s.s.	1/10	1.07mg	1/50	2.14mg	3/50	liv:hpa,hpc,nnd.						
246	TR21	1.41mg	10.2mg	0/60p	1.07mg	8/50	(2.14mg)	1/50					S		
247	21	1.67mg	n.s.s.	0/30	.250mg	0/30			Deichmann;txap,11,88-103;1967						
a	21	.298mg	n.s.s.	13/30	.250mg	13/30									
248	1004	5.05mg	n.s.s.	0/88	.956mg	0/47	1.44mg	0/44	2.38mg	0/31	Deichmann;imed,39,426-434;1970				
a	1004	5.18mg	n.s.s.	60/88	.956mg	20/47	1.44mg	24/44	(2.38mg)	11/31					
249	1040	1.76mg	n.s.s.	2/50	1.00mg	9/50	(2.50mg)	4/50	Deichmann;txoc,407-413;1979						
a	1040	7.36mg	n.s.s.	0/50	1.00mg	0/50	2.50mg	0/50							
b	1040	.487mg	n.s.s.	35/50	1.00mg	40/50	(2.50mg)	18/50							
c	1040	5.80mg	n.s.s.	10/50	1.00mg	14/50	2.50mg	10/50							
250	TR21	.875mg	n.s.s.	9/10	.800mg	30/50	1.60mg	30/50							
a	TR21	6.34mg	n.s.s.	1/10	.800mg	1/50	1.60mg	1/50	liv:hpa,hpc,nnd.						
251	21	1.33mg	n.s.s.	0/30	.200mg	0/30			Deichmann;txap,11,88-103;1967						
a	21	.579mg	n.s.s.	1/30	.200mg	2/30									
252	1004	5.75mg	n.s.s.	1/75	.765mg	0/45	1.15mg	0/46	1.93mg	0/45	Deichmann;imed,39,426-434;1970				
a	1004	22.9mg	n.s.s.	19/75	.765mg	5/45	1.15mg	7/46	1.93mg	4/45					
253	1002	8.27mg	n.s.s.	6/60	.125mg	1/40	.625mg	3/40	1.25mg	1/40	Cleveland;aenh,13,195-198;1966				
254	1002	8.67mg	n.s.s.	3/60	.100mg	1/40	.500mg	0/40	1.00mg	1/40					
255	1040	7.36mg	n.s.s.	0/50	1.00mg	0/50	2.50mg	0/50	Deichmann;txoc,407-413;1979						
a	1040	11.5mg	n.s.s.	9/50	1.00mg	8/50	2.50mg	5/50							
b	1040	17.8mg	n.s.s.	2/50	1.00mg	2/50	2.50mg	1/50							
ALKYLBENZENESULFONATE, LINEAR 42615-29-2															
256	570	1.09gm	n.s.s.	1/13	20.0mg	3/15	80.0mg	3/13	300. mg	1/15	Hiraga;gann,68,369-370;1977				
257	570	1.04gm	n.s.s.	1/12	16.0mg	2/12	64.0mg	1/12	240. mg	0/12					
ALKYLDIMETHYLAMINE OXIDES, COMMERCIAL GRADE mixture															
258	1697	73.8mg	n.s.s.	32/49	5.00mg	26/50	50.0mg	28/50	100. mg	36/50	Cardin;faat,5,869-878;1985				
259	1697	103. mg	n.s.s.	16/50	4.00mg	4/50	40.0mg	11/50	80.0mg	20/49					
ALLANTOIN 97-59-6															
260	1654	217. mg	n.s.s.	4/24	82.5mg	3/20			Lijinsky;fctx,22,715-720;1984						
261	1654	241. mg	n.s.s.	5/24	66.0mg	2/20									

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
ALLYL ALCOHOL 107-18-6									
262	1853	19.4mg	n.s.s.	0/20	10.4mg	3/20		Lijinsky;txih,3,337-345;1987/pers.comm.	
a	1853	13.1mg	n.s.s.	2/20	10.4mg	6/20			
b	1853	22.8mg	n.s.s.	2/20	10.4mg	3/20			
c	1853	62.7mg	n.s.s.	1/20	10.4mg	0/20			
263	1853	16.0mg	n.s.s.	2/20	7.26mg	3/20			
a	1853	23.2mg	n.s.s.	0/20	7.26mg	1/20			
b	1853	20.8mg	n.s.s.	2/20	7.26mg	2/20			
c	1853	43.9mg	n.s.s.	1/20	7.26mg	0/20			
ALLYL CHLORIDE (chloropropene) 107-05-1									
264	TR73	288.mg	n.s.s.	0/20	78.0mg	3/50	156.mg 3/50	sto:sgc,sgp.	
a	TR73	106.mg	n.s.s.	4/20	78.0mg	18/50	156.mg 15/50		
b	TR73	536.mg	n.s.s.	0/20	78.0mg	1/50	156.mg 1/50	liv:hpa,hpc,nnd.	
c	TR73	258.mg	n.s.s.	1/20	78.0mg	5/50	156.mg 4/50	lun:a/a,a/c.	
265	TR73	176.mg	n.s.s.	0/20	106.mg	2/50	198.mg 0/50	sto:sgc,sgp.	
a	TR73	46.9mg	n.s.s.	5/20	106.mg	19/50	198.mg 3/50		
b	TR73	83.8mg	n.s.s.	2/20	106.mg	8/50	198.mg 1/50	liv:hpa,hpc,nnd.	
c	TR73	144.mg	n.s.s.	3/20	106.mg	6/50	198.mg 0/50	lun:a/a,a/c.	
266	TR73	13.4mg	n.s.s.	12/20	27.9mg	26/50	37.1mg 11/50		
a	TR73	175.mg	n.s.s.	2/20	27.9mg	0/50	37.1mg 0/50	liv:hpa,hpc,nnd.	
267	TR73	8.98mg	n.s.s.	9/20	28.8mg	15/50	39.8mg 4/50		
a	TR73	n.s.s.	n.s.s.	0/20	28.8mg	0/50	39.8mg 0/50	liv:hpa,hpc,nnd.	
ALLYL GLYCIDYL ETHER 106-92-3									
268	TR376	46.0mg	n.s.s.	0/50	7.13mg	0/50	14.3mg 5/50		S
a	TR376	100.mg	n.s.s.	0/50	7.13mg	0/50	14.3mg 1/50		
b	TR376	25.0mg	n.s.s.	35/50	7.13mg	21/50	14.3mg 31/50		
c	TR376	84.8mg	n.s.s.	6/50	7.13mg	5/50	14.3mg 2/50	liv:hpa,hpc,nnd.	
d	TR376	46.7mg	n.s.s.	0/50	7.13mg	1/50	14.3mg 4/50	lun:a/a,a/c.	
269	TR376	55.0mg	n.s.s.	0/50	5.94mg	0/50	11.9mg 3/50		
a	TR376	9.02mg	n.s.s.	32/50	5.94mg	26/50	(11.9mg 21/50)		
b	TR376	20.6mg	n.s.s.	23/50	5.94mg	11/50	(11.9mg 6/50)	liv:hpa,hpc,nnd.	
c	TR376	27.8mg	n.s.s.	7/50	5.94mg	9/50	11.9mg 9/50	lun:a/a,a/c.	
270	TR376	1.78mg	n.s.s.	43/50	1.70mg	47/50	3.40mg 44/50		
a	TR376	29.7mg	n.s.s.	1/50	1.70mg	0/50	3.40mg 0/50	liv:hpa,hpc,nnd.	
271	TR376	3.48mg	n.s.s.	0/50	1.19mg	0/50	2.38mg 3/50	nof:adc; nre:ppa,sgc.	
a	TR376	.457mg	n.s.s.	30/50	1.19mg	37/50	2.38mg 38/50		
b	TR376	n.s.s.	n.s.s.	0/50	1.19mg	1/50	2.38mg 0/50	liv:hpa,hpc,nnd.	
ALLYL ISOTHIOCYANATE 57-06-7									
272	TR234	15.1mg	n.s.s.	18/50	8.41mg	20/50	17.5mg 20/50		
a	TR234	56.1mg	n.s.s.	2/50	8.41mg	3/50	17.5mg 1/50	liv:hpa,hpc,nnd.	
b	TR234	45.8mg	n.s.s.	2/50	8.41mg	2/50	17.5mg 3/50	lun:a/a,a/c.	
273	TR234	40.7mg	n.s.s.	0/50	8.41mg	1/50	17.5mg 3/50		S
a	TR234	17.0mg	n.s.s.	33/50	8.41mg	22/50	17.5mg 26/50		
b	TR234	18.6mg	n.s.s.	21/50	8.41mg	14/50	17.5mg 19/50	liv:hpa,hpc,nnd.	
c	TR234	26.9mg	n.s.s.	4/50	8.41mg	4/50	17.5mg 7/50	lun:a/a,a/c.	
274	TR234	61.9mg	n.s.s.	0/50	8.41mg	0/50	17.5mg 3/50		
a	TR234	10.3mg	n.s.s.	42/50	8.41mg	43/50	17.5mg 42/50		
b	TR234	92.6mg	n.s.s.	0/50	8.41mg	0/50	17.5mg 1/50	liv:hpa,hpc,nnd.	
275	TR234	24.1mg	n.s.s.	2/50	8.41mg	7/50	17.5mg 8/50	---:lhc,ule.	S
a	TR234	25.0mg	n.s.s.	2/50	8.41mg	6/50	17.5mg 8/50		S
b	TR234	39.1mg	n.s.s.	0/50	8.41mg	2/50	17.5mg 4/50		
c	TR234	8.77mg	n.s.s.	38/50	8.41mg	45/50	17.5mg 39/50		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
d	TR234	47.7mg	n.s.s.	2/50	8.41mg	0/50	17.5mg	5/50		liv:hpa,hpc,nnd.
ALLYL ISOVALERATE 2835-39-4										
276	TR253	26.6mg	n.s.s.	11/50	21.5mg	11/50	43.2mg	18/50		---:mlh,mlm,mlp.
a	TR253	37.7mg	n.s.s.	6/50	21.5mg	5/50	43.2mg	10/50		
b	TR253	88.9mg	n.s.s.	0/50	21.5mg	1/50	43.2mg	4/50		
c	TR253	19.8mg	n.s.s.	31/50	21.5mg	20/50	43.2mg	30/50		
d	TR253	197.mg	n.s.s.	3/50	21.5mg	0/50	43.2mg	1/50		liv:hpa,hpc,nnd.
e	TR253	90.6mg	n.s.s.	4/50	21.5mg	4/50	43.2mg	3/50		lun:a/a,a/c.
277	TR253	100.mg	n.s.s.	0/50	21.5mg	1/50	43.2mg	3/50		S
a	TR253	25.0mg	n.s.s.	36/50	21.5mg	33/50	43.2mg	34/50		
b	TR253	67.8mg	n.s.s.	23/50	21.5mg	14/50	43.2mg	15/50		liv:hpa,hpc,nnd.
c	TR253	134.mg	n.s.s.	13/50	21.5mg	6/50	43.2mg	5/50		lun:a/a,a/c.
278	TR253	17.3mg	n.s.s.	38/50	21.5mg	43/50	43.2mg	43/50		
a	TR253	276.mg	n.s.s.	1/50	21.5mg	1/50	43.2mg	0/50		liv:hpa,hpc,nnd.
279	TR253	59.7mg	934.mg	1/50	21.5mg	4/50	43.2mg	9/50		---:mle,mlh.
a	TR253	58.6mg	n.s.s.	0/50	21.5mg	5/50	43.2mg	2/50		pre:adn,can,sgc. S
b	TR253	66.7mg	n.s.s.	1/50	21.5mg	4/50	43.2mg	7/50		
c	TR253	17.3mg	n.s.s.	38/50	21.5mg	37/50	43.2mg	37/50		
d	TR253	79.8mg	n.s.s.	1/50	21.5mg	2/50	43.2mg	3/50		liv:hpa,hpc,nnd.
1-ALLYL-1-NITROSOUREA 760-56-5										
280	1915	.197mg	1.66mg	0/12	.608mg	7/12				Lijinsky;txih,5,925-935;1989
a	1915	.238mg	2.70mg	0/12	.608mg	6/12				
b	1915	.399mg	n.s.s.	2/12	.608mg	4/12				
c	1915	1.50mg	n.s.s.	0/12	.608mg	0/12				
d	1915	1.50mg	n.s.s.	1/12	.608mg	0/12				
281	1915	.113mg	.812mg	0/12	.426mg	8/12				
a	1915	.167mg	1.89mg	0/12	.426mg	6/12				
b	1915	.201mg	4.34mg	0/12	.426mg	5/12				
c	1915	.201mg	4.34mg	0/12	.426mg	5/12				
ALLYLHYDRAZINE.HCl 52207-83-7										
282	1051	19.3mg	156.mg	21/99	25.0mg	25/50				Toth;bjca,34,90-93;1976
a	1051	22.3mg	232.mg	18/99	25.0mg	22/50				
b	1051	41.4mg	688.mg	4/99	25.0mg	10/50				
c	1051	46.5mg	n.s.s.	5/99	25.0mg	9/50				
d	1051	59.1mg	n.s.s.	2/99	25.0mg	6/50				
e	1051	69.6mg	n.s.s.	3/99	25.0mg	5/50				
283	1051	14.4mg	112.mg	15/99	20.8mg	21/49				
a	1051	14.2mg	312.mg	23/99	20.8mg	23/49				
b	1051	67.4mg	n.s.s.	0/99	20.8mg	2/49				
c	1051	95.1mg	n.s.s.	6/99	20.8mg	2/49				
ALUMINUM POTASSIUM SULFATE 10043-67-1										
284	1395	2.19mg	n.s.s.	3/47	1.00mg	10/41				Schroeder;jnut,105,452-458;1975
a	1395	2.55mg	n.s.s.	9/47	1.00mg	11/41				
b	1395	1.90mg	n.s.s.	4/47	1.00mg	12/41				
c	1395	1.48mg	n.s.s.	14/47	1.00mg	19/41				
285	1395	2.95mg	n.s.s.	5/38	.833mg	9/41				
a	1395	2.52mg	n.s.s.	2/38	.833mg	9/41				
b	1395	2.21mg	n.s.s.	11/38	.833mg	15/41				
286	1456	.305mg	n.s.s.	17/24	.286mg	14/19				Schroeder;jnut,105,421-427;1975
a	1456	.795mg	n.s.s.	8/24	.286mg	6/19				
287	1456	.295mg	7.63mg	4/26	.250mg	13/25				
a	1456	.615mg	n.s.s.	2/26	.250mg	6/25				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code						
	1-AMINO-2,4-DIBROMOANTHRAQUINONE				81-49-2												
288	TR383	312.mg	912.mg	6/50	1.29gm	46/50	(2.60gm	50/50)			liv:hpa,hpc.						
a	TR383	327.mg	965.mg	6/50	1.29gm	45/50	(2.60gm	49/50)									
b	TR383	328.mg	1.18gm	12/50	1.29gm	48/50	(2.60gm	50/50)	for:scq,scp;	liv:hpa,hpc;	lun:a/a,a/c. C						
c	TR383	856.mg	2.04gm	2/50	1.29gm	25/50	2.60gm	34/50			for:scq,scp.						
d	TR383	1.08gm	2.28gm	0/50	1.29gm	23/50	2.60gm	27/50									
e	TR383	1.15gm	3.28gm	2/50	1.29gm	16/50	2.60gm	27/50									
f	TR383	966.mg	10.9gm	4/50	1.29gm	17/50	(2.60gm	13/50)									
g	TR383	966.mg	10.9gm	4/50	1.29gm	17/50	(2.60gm	15/50)			lun:a/a,a/c.						
h	TR383	1.64gm	38.3gm	1/50	1.29gm	9/50	(2.60gm	4/50)			S						
i	TR383	2.39gm	8.33gm	0/50	1.29gm	12/50	2.60gm	11/50									
j	TR383	2.57gm	107.gm	0/50	1.29gm	5/50	(2.60gm	0/50)			ute:esp,ess. S						
k	TR383	461.mg	n.s.s.	32/50	1.29gm	50/50	(2.60gm	50/50)									
l	TR383	312.mg	912.mg	6/50	1.29gm	46/50	(2.60gm	50/50)			liv:hpa,hpb,hpc.						
m	TR383	966.mg	10.9gm	4/50	1.29gm	17/50	(2.60gm	15/50)			lun:a/a,a/c.						
289	TR383	275.mg	955.mg	10/50	1.20gm	38/51	(2.40gm	39/50)									
a	TR383	261.mg	1.17gm	24/50	1.20gm	46/51	(2.40gm	45/50)	for:scq,scp;	liv:hpa,hpb,hpc;	lun:a/a,a/c. C						
b	TR383	269.mg	1.06gm	18/50	1.20gm	43/51	(2.40gm	42/50)			liv:hpa,hpc.						
c	TR383	269.mg	1.06gm	18/50	1.20gm	43/51	(2.40gm	42/50)			liv:hpa,hpb,hpc.						
d	TR383	445.mg	2.18gm	10/50	1.20gm	28/51	(2.40gm	25/50)			lun:a/a,a/c.						
e	TR383	461.mg	2.03gm	7/50	1.20gm	26/51	(2.40gm	24/50)									
f	TR383	773.mg	1.72gm	0/50	1.20gm	19/51	2.40gm	27/50			for:scq,scp.						
g	TR383	1.07gm	2.87gm	0/50	1.20gm	13/51	2.40gm	16/50									
h	TR383	1.07gm	5.46gm	9/50	1.20gm	20/51	2.40gm	24/50			liv:hpb,hpc.						
i	TR383	1.22gm	8.72gm	9/50	1.20gm	18/51	2.40gm	21/50									
j	TR383	1.67gm	4.97gm	0/50	1.20gm	12/51	2.40gm	13/50									
k	TR383	4.12gm	55.1gm	0/50	1.20gm	3/51	2.40gm	5/50									
l	TR383	289.mg	2.58gm	37/50	1.20gm	49/51	(2.40gm	47/50)									
m	TR383	269.mg	1.06gm	18/50	1.20gm	43/51	(2.40gm	42/50)			liv:hpa,hpb,hpc.						
n	TR383	445.mg	2.18gm	10/50	1.20gm	28/51	(2.40gm	25/50)			lun:a/a,a/c.						
290	TR383	20.8mg	48.8mg	0/50	99.2mg	39/40	(247.mg	60/60	495.mg	48/50)	cec:pla;	col:adc,pla;	kid:rua,ruc;	liv:hcc,hpa,	hpc;	rec:adc,pla;	ubl:tcc,ttp,tsc,tsp. C
a	TR383	26.2mg	65.7mg	0/50	99.2mg	33/40	(247.mg	59/60	495.mg	47/50)		liv:hpa,hpc.					
b	TR383	34.1mg	92.2mg	0/50	99.2mg	28/40	(247.mg	47/60	495.mg	29/50)							
c	TR383	57.1mg	94.9mg	0/50	99.2mg	28/40	247.mg	53/60	495.mg	43/50	cec:pla;	col:pla;	rec:pla.				
d	TR383	57.9mg	96.4mg	0/50	99.2mg	27/40	247.mg	53/60	495.mg	43/50		S					
e	TR383	68.5mg	116.mg	0/50	99.2mg	12/40	247.mg	57/60	495.mg	45/50							
f	TR383	208.mg	466.mg	0/50	99.2mg	2/40	247.mg	17/60	495.mg	26/50	ubl:tcc,ttp,tsc,tsp.						
g	TR383	254.mg	628.mg	0/50	99.2mg	3/40	247.mg	16/60	495.mg	16/50	kid:rua,ruc.						
h	TR383	254.mg	628.mg	0/50	99.2mg	3/40	247.mg	16/60	495.mg	16/50							
i	TR383	266.mg	699.mg	0/50	99.2mg	2/40	247.mg	21/60	495.mg	8/50	col:adc;	rec:adc.					
j	TR383	246.mg	798.mg	0/50	99.2mg	1/40	247.mg	19/60	(495.mg	7/50)		S					
k	TR383	343.mg	1.02gm	0/50	99.2mg	0/40	247.mg	11/60	495.mg	13/50							
l	TR383	394.mg	1.18gm	0/50	99.2mg	0/40	247.mg	8/60	495.mg	16/50							
m	TR383	446.mg	1.54gm	0/50	99.2mg	2/40	247.mg	7/60	495.mg	9/50		S					
n	TR383	933.mg	n.s.s.	1/50	99.2mg	0/40	247.mg	3/60	495.mg	3/50		S					
o	TR383	93.0mg	457.mg	46/50	99.2mg	40/40	247.mg	60/60	495.mg	48/50							
p	TR383	26.2mg	65.7mg	0/50	99.2mg	33/40	(247.mg	59/60	495.mg	47/50)	liv:hpa,hpb,hpc.						
291	TR383a	65.9mg	289.mg	0/10	1.00gm	16/20					liv:hpa,hpc. S						
a	TR383a	66.9mg	309.mg	0/10	1.00gm	15/20					S						
b	TR383a	106.mg	787.mg	0/10	1.00gm	10/20					S						
c	TR383a	381.mg	n.s.s.	0/10	1.00gm	3/20					cec:pla;	col:pla;	rec:pla.				
d	TR383a	373.mg	n.s.s.	0/10	1.00gm	2/20					kid:rua,ruc.						
e	TR383a	373.mg	n.s.s.	0/10	1.00gm	2/20											
f	TR383a	535.mg	n.s.s.	0/10	1.00gm	2/20					ubl:tcc,ttp,tsc,tsp.						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code	
g	TR383a	787.mg	n.s.s.	0/10	1.00gm	1/20						
h	TR383a	n.s.s.	n.s.s.	0/10	1.00gm	0/20						
i	TR383a	n.s.s.	n.s.s.	0/10	1.00gm	0/20						
j	TR383a	n.s.s.	n.s.s.	0/10	1.00gm	0/20				col:adc; rec:adc.		
k	TR383a	71.1mg	803.mg	2/10	1.00gm	17/20						
l	TR383a	65.9mg	289.mg	0/10	1.00gm	16/20				liv:hpa,hpb,hpc.		
292	TR383b	54.5mg	484.mg	0/10	606.mg	8/10				liv:hpa,hpc.	S	
a	TR383b	68.3mg	1.16gm	0/10	606.mg	6/10					S	
b	TR383b	77.5mg	1.30gm	0/10	606.mg	6/10					S	
c	TR383b	82.6mg	3.52gm	0/10	606.mg	5/10				cec:pla; col:pla; rec:pla.	S	
d	TR383b	82.6mg	3.52gm	0/10	606.mg	5/10					S	
e	TR383b	127.mg	n.s.s.	0/10	606.mg	3/10				kid:rua,ruc.	S	
f	TR383b	127.mg	n.s.s.	0/10	606.mg	3/10					S	
g	TR383b	n.s.s.	n.s.s.	0/10	606.mg	0/10						
h	TR383b	n.s.s.	n.s.s.	0/10	606.mg	0/10						
i	TR383b	n.s.s.	n.s.s.	0/10	606.mg	0/10				col:adc; rec:adc.		
j	TR383b	n.s.s.	n.s.s.	0/10	606.mg	0/10						
k	TR383b	n.s.s.	n.s.s.	0/10	606.mg	0/10				ubl:tcc, tpp, tsc, tsp.		
l	TR383b	51.5mg	n.s.s.	2/10	606.mg	9/10						
m	TR383b	54.5mg	484.mg	0/10	606.mg	8/10				liv:hpa,hpb,hpc.		
293	TR383	40.4mg	76.2mg	2/50	79.5mg	25/40	198.mg	57/60	396.mg	47/50	liv:hpa,hpc.	
a	TR383	40.3mg	80.3mg	4/50	79.5mg	30/40	198.mg	59/60	396.mg	48/50	col:adc,pla; kid:rua,ruc; liv:hcc,hpa,hpc; rec:adc,pla; ubl:tcc, tpp.	C
b	TR383	42.2mg	88.5mg	1/50	79.5mg	12/40	198.mg	55/60	(396.mg	46/50)		
c	TR383	48.4mg	86.9mg	0/50	79.5mg	13/40	198.mg	51/60	396.mg	40/50		
d	TR383	48.4mg	86.9mg	0/50	79.5mg	13/40	198.mg	51/60	396.mg	40/50	col:pla; rec:pla.	
e	TR383	52.5mg	105.mg	1/50	79.5mg	20/40	198.mg	40/60	396.mg	34/50		
f	TR383	70.4mg	630.mg	43/50	79.5mg	37/40	198.mg	55/60	396.mg	42/50	tes:iab,ica.	
g	TR383	157.mg	637.mg	2/50	79.5mg	10/40	198.mg	13/60	396.mg	15/50	kid:rua,ruc.	
h	TR383	168.mg	782.mg	2/50	79.5mg	10/40	198.mg	11/60	396.mg	14/50		
i	TR383	197.mg	556.mg	0/50	79.5mg	1/40	198.mg	11/60	396.mg	17/50	col:adc; rec:adc.	
j	TR383	218.mg	650.mg	0/50	79.5mg	1/40	198.mg	10/60	396.mg	15/50		
k	TR383	304.mg	1.18gm	0/50	79.5mg	1/40	198.mg	3/60	396.mg	12/50	ubl:tcc, tpp.	
l	TR383	379.mg	7.40gm	0/50	79.5mg	3/40	198.mg	4/60	396.mg	4/50	lun:a/a,a/c.	
m	TR383	404.mg	2.30gm	0/50	79.5mg	1/40	198.mg	2/60	396.mg	8/50		
n	TR383	524.mg	9.78gm	0/50	79.5mg	0/40	198.mg	6/60	396.mg	2/50		
o	TR383	667.mg	11.0gm	0/50	79.5mg	0/40	198.mg	1/60	396.mg	4/50		
p	TR383	718.mg	13.6gm	0/50	79.5mg	0/40	198.mg	1/60	396.mg	4/50		
q	TR383	523.mg	n.s.s.	0/50	79.5mg	2/40	198.mg	2/60	396.mg	3/50		
r	TR383	609.mg	n.s.s.	0/50	79.5mg	1/40	198.mg	1/60	396.mg	3/50		
s	TR383	70.0mg	532.mg	47/50	79.5mg	40/40	198.mg	59/60	396.mg	48/50		
t	TR383	40.4mg	76.2mg	2/50	79.5mg	25/40	198.mg	57/60	396.mg	47/50	liv:hpa,hpb,hpc.	
294	TR383a	59.6mg	227.mg	0/10	800.mg	20/20				liv:hpa,hpc.	S	
a	TR383a	65.7mg	259.mg	0/10	800.mg	19/20					S	
b	TR383a	174.mg	5.76gm	0/10	800.mg	8/20					S	
c	TR383a	184.mg	n.s.s.	0/10	800.mg	7/20				col:pla; rec:pla.	S	
d	TR383a	184.mg	n.s.s.	0/10	800.mg	7/20					S	
e	TR383a	434.mg	n.s.s.	0/10	800.mg	2/20				kid:rua,ruc.		
f	TR383a	434.mg	n.s.s.	0/10	800.mg	2/20						
g	TR383a	461.mg	n.s.s.	0/10	800.mg	2/20				col:adc; rec:adc.		
h	TR383a	593.mg	n.s.s.	0/10	800.mg	1/20						
i	TR383a	593.mg	n.s.s.	0/10	800.mg	1/20				ubl:tcc, tpp.		
j	TR383a	n.s.s.	n.s.s.	0/10	800.mg	0/20						
k	TR383a	76.2mg	n.s.s.	5/10	800.mg	20/20						
l	TR383a	59.6mg	227.mg	0/10	800.mg	20/20				liv:hpa,hpb,hpc.		
295	TR383b	32.0mg	227.mg	0/10	473.mg	9/10				liv:hpa,hpc.	S	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	TR383b	40.5mg	395.mg	0/10	473.mg	7/10				S
b	TR383b	41.1mg	414.mg	0/10	473.mg	7/10				S
c	TR383b	72.4mg	n.s.s.	0/10	473.mg	3/10			kid:rua,ruc.	S
d	TR383b	72.4mg	n.s.s.	0/10	473.mg	3/10				S
e	TR383b	88.0mg	n.s.s.	0/10	473.mg	3/10			col:pla; rec:pla.	S
f	TR383b	88.0mg	n.s.s.	0/10	473.mg	3/10				S
g	TR383b	202.mg	n.s.s.	0/10	473.mg	1/10				
h	TR383b	n.s.s.	n.s.s.	0/10	473.mg	0/10			col:adc; rec:adc.	
i	TR383b	n.s.s.	n.s.s.	0/10	473.mg	0/10				
j	TR383b	n.s.s.	n.s.s.	0/10	473.mg	0/10			ubl:tcc, tpp.	
k	TR383b	38.4mg	n.s.s.	5/10	473.mg	9/10				
l	TR383b	32.0mg	227.mg	0/10	473.mg	9/10			liv:hpa, hpb, hpc.	
3-AMINO-4-ETHOXYACETANILIDE 17026-81-2										
296	TR112	452.mg	39.2gm	7/100	432.mg	14/50	(845.mg	3/50)	pit:adn, can, cra.	S
a	TR112	253.mg	n.s.s.	27/100	432.mg	32/50	(845.mg	21/50)		
b	TR112	2.94gm	n.s.s.	5/100	432.mg	4/50	845.mg	2/50	liv:hpa, hpc, nnd.	
c	TR112	1.92gm	n.s.s.	4/100	432.mg	6/50	845.mg	3/50	lun:a/a, a/c.	
297	TR112	1.04gm	6.70gm	2/100	398.mg	2/50	780.mg	12/48	thy:acn, adn, fca, fcc.	
a	TR112	1.63gm	12.6gm	0/100	398.mg	0/50	780.mg	7/48		
b	TR112	1.60gm	n.s.s.	2/100	398.mg	1/50	780.mg	7/48	thy:acn, fcc.	
c	TR112	879.mg	n.s.s.	41/100	398.mg	28/50	780.mg	19/48		
d	TR112	660.mg	n.s.s.	20/100	398.mg	13/50	(780.mg	2/48)	liv:hpa, hpc, nnd.	
e	TR112	3.47gm	n.s.s.	17/100	398.mg	7/50	780.mg	3/48	lun:a/a, a/c.	
298	TR112	175.mg	5.02gm	5/100	138.mg	11/48	(552.mg	0/50)	adr:coa, coc.	S
a	TR112	763.mg	n.s.s.	80/100	138.mg	37/48	552.mg	30/50		
b	TR112	272.mg	3.45gm	0/100	138.mg	5/48	(552.mg	2/50)	liv:hpa, hpc, nnd.	
299	TR112	213.mg	n.s.s.	3/99	110.mg	7/50	(442.mg	4/50)		S
a	TR112	142.mg	n.s.s.	62/99	110.mg	34/50	(442.mg	24/50)		
b	TR112	2.66gm	n.s.s.	6/99	110.mg	5/50	442.mg	1/50	liv:hpa, hpc, nnd.	
3-AMINO-9-ETHYLCARBAZOLE.HCl 6109-97-3										
300	TR93	22.2mg	54.1mg	1/50	127.mg	43/50				
a	TR93	25.4mg	86.2mg	10/50	127.mg	46/50				
b	TR93	22.2mg	54.1mg	1/50	127.mg	43/50			liv:hpa, hpc, nnd.	
c	TR93	256.mg	n.s.s.	3/50	127.mg	4/50			lun:a/a, a/c.	
301	TR93	28.6mg	95.0mg	6/50	118.mg	41/50				
a	TR93	29.8mg	111.mg	8/50	118.mg	41/50			liv:hpa, hpc.	
b	TR93	34.7mg	688.mg	22/50	118.mg	45/50				
c	TR93	29.8mg	111.mg	8/50	118.mg	41/50			liv:hpa, hpc, nnd.	
d	TR93	277.mg	n.s.s.	10/50	118.mg	7/50			lun:a/a, a/c.	
302	TR93	32.7mg	105.mg	1/50	73.0mg	25/50			liv:hpc, nnd; ute:acn; zym:can, sqc.	C
a	TR93	50.9mg	339.mg	1/50	73.0mg	11/50				
b	TR93	75.5mg	355.mg	0/50	73.0mg	12/50			zym:can, sqc.	
c	TR93	96.9mg	616.mg	0/50	73.0mg	9/50				
d	TR93	93.9mg	1.04gm	0/50	73.0mg	6/50			liv:hpc, nnd.	
e	TR93	21.2mg	699.mg	38/50	73.0mg	45/50				
f	TR93	93.9mg	1.04gm	0/50	73.0mg	6/50			liv:hpa, hpc, nnd.	
303	TR93	17.7mg	49.7mg	1/49	58.4mg	33/50			liv:hpc, nnd; ski:bcc, sqc, sqp; sub:qsc; zym:can, sqc.	C
a	TR93	22.8mg	82.3mg	1/49	58.4mg	22/50			liv:hpc, nnd.	
b	TR93	64.8mg	2.66gm	1/49	58.4mg	8/50				
c	TR93	81.4mg	1.13gm	0/49	58.4mg	6/50			ski:bcc, sqc, sqp; sub:qsc.	
d	TR93	102.mg	1.06gm	0/49	58.4mg	7/50			zym:can, sqc.	
e	TR93	95.5mg	3.17gm	0/49	58.4mg	5/50			ski:qsc, sqp; sub:qsc.	
f	TR93	18.7mg	n.s.s.	32/49	58.4mg	46/50				
g	TR93	22.8mg	82.3mg	1/49	58.4mg	22/50			liv:hpa, hpc, nnd.	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code		
3-AMINO-9-ETHYLCARBAZOLE MIXTURE (3-amino-9-ethylcarbazole and 3-amino-9-ethylcarbazole.HCl. CAS# 132-32-1 and 6109-97-3) mixture											
304	TR93	20.0mg	52.1mg	1/50	85.8mg	37/50					
a	TR93	28.1mg	1.26gm	20/50	85.8mg	38/50					
b	TR93	20.0mg	52.1mg	1/50	85.8mg	37/50		liv:hpa,hpc,ndd.			
c	TR93	204.mg	n.s.s.	4/50	85.8mg	4/50		lun:a/a,a/c.			
305	TR93	28.7mg	130.mg	7/50	79.2mg	32/50					
a	TR93	30.9mg	914.mg	17/50	79.2mg	35/50					
b	TR93	28.7mg	130.mg	7/50	79.2mg	32/50		liv:hpa,hpc,ndd.			
c	TR93	165.mg	n.s.s.	6/50	79.2mg	6/50		lun:a/a,a/c.			
306	TR93	26.2mg	163.mg	0/50	30.0mg	10/50			zym:can,sgc.		
a	TR93	33.1mg	1.05gm	0/50	30.0mg	5/50					
b	TR93	55.4mg	7.12gm	0/50	30.0mg	5/50					
c	TR93	7.42mg	n.s.s.	32/50	30.0mg	40/50					
d	TR93	95.3mg	n.s.s.	2/50	30.0mg	1/50			liv:hpa,hpc,ndd.		
307	TR93	6.73mg	22.6mg	0/50	24.0mg	22/50		liv:hpc,ndd; ski:bcc,sgc,sgp; zym:can,sgc.	C		
a	TR93	8.64mg	41.7mg	0/50	24.0mg	12/50		liv:hpc,ndd.			
b	TR93	16.8mg	189.mg	0/50	24.0mg	6/50					
c	TR93	19.2mg	150.mg	0/50	24.0mg	8/50		ski:bcc,sgc,sgp.			
d	TR93	24.0mg	324.mg	0/50	24.0mg	6/50		ski:sgc,sgp.			
e	TR93	37.4mg	3.31gm	0/50	24.0mg	5/50		zym:can,sgc.			
f	TR93	5.45mg	41.8mg	20/50	24.0mg	37/50					
g	TR93	8.64mg	41.7mg	0/50	24.0mg	12/50		liv:hpa,hpc,ndd.			
3-AMINO-4-[2-[(2-GUANIDINOTHIAZOL-4-YL)METHYLTHIO], ETHYLAMINO]-1,2,5-THIADIAZOLE 1-OXIDE.HCl (BL-6341.HCl) ---											
308	2449	1.54gm	n.s.s.	0/100	10.0mg	0/50	55.0mg	0/50	300.mg	2/50	Hirth;txpy,16,273-287;1988
309	2449	1.25gm	40.8gm	0/100	10.0mg	0/50	55.0mg	0/50	300.mg	3/50	
1-AMINO-2-METHYLANTHRAQUINONE 82-28-0											
310	TR111	68.1mg	n.s.s.	4/50	61.1mg	12/49	58.5mg	2/50			liv:hpc,ndd.
a	TR111	112.mg	n.s.s.	22/50	61.1mg	16/49	58.5mg	4/50			
b	TR111	68.1mg	n.s.s.	4/50	61.1mg	12/49	58.5mg	2/50			liv:hpa,hpc,ndd.
c	TR111	325.mg	n.s.s.	1/50	61.1mg	0/49	58.5mg	1/50			lun:a/a,a/c.
311	TR111	89.9mg	n.s.s.	21/50	56.4mg	18/50	54.0mg	1/50			
a	TR111	129.mg	n.s.s.	10/50	56.4mg	8/50	54.0mg	1/50			liv:hpa,hpc,ndd.
b	TR111	189.mg	n.s.s.	11/50	56.4mg	5/50	(54.0mg)	0/50			lun:a/a,a/c.
312	TR111	60.8mg	602.mg	2/50	37.0mg	11/45	74.0mg	11/48			liv:hpc,ndd.
a	TR111	89.9mg	832.mg	1/50	37.0mg	3/45	74.0mg	10/48			
b	TR111	78.4mg	n.s.s.	45/50	37.0mg	31/45	74.0mg	28/48			
c	TR111	60.8mg	602.mg	2/50	37.0mg	11/45	74.0mg	11/48			liv:hpa,hpc,ndd.
313	TR111	22.8mg	64.6mg	3/50	30.4mg	27/50	60.0mg	28/50			kid:acn,tla,uac; liv:hpc,ndd.
a	TR111	25.8mg	83.7mg	3/50	30.4mg	25/50	60.0mg	24/50			liv:hpc,ndd.
b	TR111	73.2mg	270.mg	0/50	30.4mg	6/50	60.0mg	10/50			kid:acn,tla,uac.
c	TR111	70.5mg	1.61gm	1/50	30.4mg	10/50	60.0mg	8/50			pit:adn,cra.
d	TR111	72.9mg	3.56gm	2/50	30.4mg	7/50	60.0mg	10/50			
e	TR111	98.4mg	929.mg	0/50	30.4mg	5/50	60.0mg	6/50			S
f	TR111	127.mg	3.06gm	0/50	30.4mg	3/50	60.0mg	5/50			thy:cca,ccr.
g	TR111	167.mg	n.s.s.	0/50	30.4mg	1/50	60.0mg	4/50			kid:acn,uac.
h	TR111	26.1mg	n.s.s.	26/50	30.4mg	42/50	60.0mg	35/50			
i	TR111	25.8mg	83.7mg	3/50	30.4mg	25/50	60.0mg	24/50			liv:hpa,hpc,ndd.
2-AMINO-5-(5-NITRO-2-FURYL)-1,3,4-OXADIAZOLE 3775-55-1											
314	1126	2.06mg	7.05mg	2/24	26.9mg	29/33					Cohen;jnci,54,841-850;1975
a	1126	4.59mg	15.4mg	0/24	26.9mg	20/33					
b	1126	15.1mg	855.mg	0/24	26.9mg	6/33					
c	1126	17.1mg	n.s.s.	0/24	26.9mg	5/33					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
d	1126	39.3mg	n.s.s.	0/24	26.9mg	1/33				
e	1126	73.8mg	n.s.s.	0/24	26.9mg	0/33				
f	1126	1.41mg	5.35mg	2/24	26.9mg	31/33				
2-AMINO-5-(5-NITRO-2-FURYL)-1,3,4-THIADIAZOLE 712-68-5										
315	1126	.293mg	1.36mg	2/24	8.18mg	32/33			Cohen;jnci,54,841-850;1975	
a	1126	.695mg	2.16mg	0/24	8.18mg	28/33				
b	1126	7.17mg	n.s.s.	0/24	8.18mg	3/33				
c	1126	11.9mg	n.s.s.	0/24	8.18mg	1/33				
d	1126	11.9mg	n.s.s.	0/24	8.18mg	1/33				
e	1126	22.4mg	n.s.s.	0/24	8.18mg	0/33				
f	1126	.293mg	1.36mg	2/24	8.18mg	32/33				
2-AMINO-4-(5-NITRO-2-FURYL)THIAZOLE 38514-71-5										
316	1076	4.20mg	15.3mg	0/29	90.2mg	24/27			Cohen;canr,33,1593-1597;1973	
a	1076	6.42mg	22.3mg	0/29	90.2mg	21/27				
b	1076	140.mg	n.s.s.	0/29	90.2mg	0/27				
c	1076	140.mg	n.s.s.	0/29	90.2mg	0/27				
d	1076	3.40mg	14.0mg	2/29	90.2mg	25/27				
317	1423	2.49mg	12.7mg	0/10	63.5mg	23/24			Wang;carc,3,275-277;1982	
a	1423	4.66mg	18.1mg	0/10	63.5mg	21/24				
b	1423	15.0mg	122.mg	0/10	63.5mg	11/24				
trans-5-AMINO-3[2-(5-NITRO-2-FURYL)VINYL]-1,2,4-OXADIAZOLE (SQ 18506) 28754-68-9										
318	1601	59.8mg	206.mg	0/50	134.mg	18/49			Dunsford;jnci,73,151-160;1984	
a	1601	115.mg	2.33gm	1/50	134.mg	9/49				
b	1601	283.mg	n.s.s.	0/50	134.mg	2/49				
c	1601	188.mg	n.s.s.	4/50	134.mg	6/49				
d	1601	705.mg	n.s.s.	3/50	134.mg	0/49				
e	1601	234.mg	n.s.s.	9/50	134.mg	7/49				
f	1601	138.mg	n.s.s.	32/50	134.mg	24/49				
319	1601	69.5mg	240.mg	0/50	152.mg	18/50				
a	1601	73.6mg	263.mg	0/50	152.mg	17/50				
b	1601	195.mg	9.94gm	0/50	152.mg	5/50				
c	1601	171.mg	n.s.s.	2/50	152.mg	7/50				
d	1601	586.mg	n.s.s.	3/50	152.mg	1/50				
e	1601	652.mg	n.s.s.	6/50	152.mg	1/50				
f	1601	16.6mg	59.4mg	18/50	152.mg	45/50				
2-AMINO-4-NITROPHENOL 99-57-0										
320	TR339	181.mg	n.s.s.	32/50	87.6mg	27/50	175.mg	29/50		
a	TR339	449.mg	n.s.s.	2/50	87.6mg	2/50	175.mg	4/50	liv:hpa,hpc,nnd.	
b	TR339	450.mg	n.s.s.	2/50	87.6mg	2/50	175.mg	4/50	lun:a/a,a/c.	
321	TR339	323.mg	2.80gm	0/50	87.6mg	1/50	175.mg	5/50	abc:hem; liv:hes; mln:hes; pan:hem; spl:hes; sub:hem.	S
a	TR339	103.mg	n.s.s.	34/50	87.6mg	39/50	175.mg	35/50		
b	TR339	292.mg	n.s.s.	15/50	87.6mg	18/50	175.mg	10/50	liv:hpa,hpc,nnd.	
c	TR339	363.mg	n.s.s.	9/50	87.6mg	8/50	175.mg	6/50	lun:a/a,a/c.	
322	TR339	146.mg	n.s.s.	42/50	87.6mg	39/50	175.mg	39/50		
a	TR339	n.s.s.	n.s.s.	0/50	87.6mg	1/50	175.mg	0/50	liv:hpa,hpc,nnd.	
323	TR339	35.2mg	387.mg	39/50	87.6mg	39/50	175.mg	36/50		S
a	TR339	286.mg	62.3gm	0/50	87.6mg	1/50	175.mg	3/50		
b	TR339	171.mg	n.s.s.	2/50	87.6mg	6/50	175.mg	4/50	sub:fbs,fib,nfs,srn.	S
c	TR339	213.mg	n.s.s.	1/50	87.6mg	5/50	175.mg	3/50		S
d	TR339	368.mg	n.s.s.	0/50	87.6mg	0/50	175.mg	3/50	liv:hpc,nnd.	S
e	TR339	39.6mg	13.1gm	45/50	87.6mg	43/50	175.mg	37/50		
f	TR339	368.mg	n.s.s.	0/50	87.6mg	0/50	175.mg	3/50	liv:hpa,hpc,nnd.	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
2-AMINO-5-NITROPHENOL 121-88-0										
324	TR334	364.mg	n.s.s.	29/50	283.mg	30/50	566.mg	8/50		
a	TR334	1.48gm	n.s.s.	5/50	283.mg	3/50	566.mg	1/50	liv:hpa,hpc,nnd.	
b	TR334	1.14gm	n.s.s.	4/50	283.mg	4/50	566.mg	1/50	lun:a/a,a/c.	
325	TR334	550.mg	n.s.s.	31/50	283.mg	32/50	566.mg	8/50		
a	TR334	497.mg	n.s.s.	17/50	283.mg	16/50	(566.mg	1/50)	liv:hpa,hpc,nnd.	
b	TR334	1.02gm	n.s.s.	7/50	283.mg	8/50	566.mg	2/50	lun:a/a,a/c.	
326	TR334	105.mg	n.s.s.	46/50	70.7mg	45/50	142.mg	38/50		
a	TR334	n.s.s.	n.s.s.	0/50	70.7mg	0/50	142.mg	0/50	liv:hpa,hpc,nnd.	
327	TR334	16.8mg	65.2mg	42/50	70.7mg	40/50	142.mg	39/50		S
a	TR334	52.7mg	328.mg	1/50	70.7mg	11/50	142.mg	3/50	pan:acc,ana.	S
b	TR334	53.8mg	359.mg	1/50	70.7mg	10/50	142.mg	3/50		
c	TR334	163.mg	5.02gm	0/50	70.7mg	0/50	142.mg	4/50		S
d	TR334	43.3mg	n.s.s.	20/50	70.7mg	16/50	142.mg	12/50	amd:phe,phm.	S
e	TR334	126.mg	n.s.s.	3/50	70.7mg	2/50	142.mg	5/50	pre:adn,can.	S
f	TR334	118.mg	n.s.s.	0/50	70.7mg	3/50	142.mg	0/50		S
g	TR334	19.0mg	88.7mg	42/50	70.7mg	44/50	142.mg	34/50		
h	TR334	332.mg	n.s.s.	0/50	70.7mg	0/50	142.mg	2/50	liv:hpa,hpc,nnd.	
4-AMINO-2-NITROPHENOL 119-34-6										
328	TR94	558.mg	n.s.s.	8/20	159.mg	17/50	319.mg	16/50		
a	TR94	1.26gm	n.s.s.	0/20	159.mg	2/50	319.mg	2/50	liv:hpa,hpc,nnd.	
b	TR94	1.73gm	n.s.s.	2/20	159.mg	3/50	319.mg	2/50	lun:a/a,a/c.	
329	TR94	301.mg	n.s.s.	12/20	147.mg	32/50	294.mg	28/50		
a	TR94	336.mg	n.s.s.	6/20	147.mg	18/50	294.mg	19/50	liv:hpa,hpc,nnd.	
b	TR94	863.mg	n.s.s.	5/20	147.mg	10/50	294.mg	7/50	lun:a/a,a/c.	
330	TR94	563.mg	n.s.s.	0/20	61.3mg	1/49	123.mg	2/50		
a	TR94	140.mg	n.s.s.	13/20	61.3mg	34/49	123.mg	28/50		
b	TR94	n.s.s.	n.s.s.	0/20	61.3mg	0/49	123.mg	0/50	liv:hpa,hpc,nnd.	
331	TR94	155.mg	1.14gm	0/20	49.0mg	0/50	98.1mg	11/50		
a	TR94	71.2mg	n.s.s.	12/20	49.0mg	22/50	98.1mg	35/50		
b	TR94	604.mg	n.s.s.	0/20	49.0mg	1/50	98.1mg	0/50	liv:hpa,hpc,nnd.	
2-AMINO-4-(p-NITROPHENYL) THIAZOLE 2104-09-8										
332	1076	3.42mg	n.s.s.	1/28	9.06mg	5/20			Cohen;canr,33,1593-1597;1973	
a	1076	15.0mg	n.s.s.	0/28	9.06mg	0/20				
b	1076	15.0mg	n.s.s.	0/28	9.06mg	0/20				
c	1076	3.42mg	n.s.s.	1/28	9.06mg	5/20				
2-AMINO-5-NITROTHIAZOLE 121-66-4										
333	TR53	15.3mg	n.s.s.	26/50	6.50mg	31/50	13.0mg	28/50		
a	TR53	29.0mg	n.s.s.	2/50	6.50mg	6/50	13.0mg	5/50	liv:hpa,hpc,nnd.	
b	TR53	24.6mg	n.s.s.	2/50	6.50mg	4/50	13.0mg	8/50	lun:a/a,a/c.	
334	TR53	10.5mg	n.s.s.	39/50	6.00mg	32/50	12.0mg	34/50		
a	TR53	19.5mg	n.s.s.	20/50	6.00mg	16/50	12.0mg	15/50	liv:hpa,hpc,nnd.	
b	TR53	20.8mg	n.s.s.	14/50	6.00mg	12/50	12.0mg	12/50	lun:a/a,a/c.	
335	TR53	22.8mg	n.s.s.	2/50	14.9mg	9/50	(29.7mg	3/50)		S
a	TR53	21.1mg	n.s.s.	40/50	14.9mg	44/50	29.7mg	44/50		
b	TR53	n.s.s.	n.s.s.	0/50	14.9mg	0/50	29.7mg	0/50	liv:hpa,hpc,nnd.	
336	TR53	14.6mg	147.mg	13/50	11.9mg	19/50	23.8mg	28/50	---	leu,lym.
a	TR53	40.1mg	n.s.s.	2/50	11.9mg	4/50	23.8mg	9/50		
b	TR53	56.5mg	n.s.s.	6/50	11.9mg	4/50	23.8mg	6/50	---	lle,mly; mul:ule.
c	TR53	11.7mg	n.s.s.	36/50	11.9mg	37/50	23.8mg	39/50		
d	TR53	78.3mg	n.s.s.	0/50	11.9mg	1/50	23.8mg	1/50	liv:hpa,hpc,nnd.	
337	1126	17.4mg	n.s.s.	2/39	33.4mg	8/35			Cohen;jnci,54,841-850;1975	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	1126	38.6mg	n.s.s.	0/39	33.4mg	2/35				
b	1126	38.6mg	n.s.s.	0/39	33.4mg	2/35				
c	1126	97.1mg	n.s.s.	0/39	33.4mg	0/35				
d	1126	14.2mg	371.mg	2/39	33.4mg	10/35				
2-AMINO-5-PHENYL-2-OXAZOLIN-4-ONE + Mg(OH)2 (magnesium pemoline) 18968-99-5										
338	200am	8.10mg	n.s.s.	0/35	2.79mg	0/35			Cohen;jnci,51,403-417;1973	
a	200am	1.18mg	n.s.s.	4/35	2.79mg	11/35				
339	200an	162.mg	n.s.s.	0/35	55.8mg	0/35				
a	200an	122.mg	n.s.s.	4/35	55.8mg	1/35				
2-AMINOANTHRAQUINONE 117-79-3										
340	TR144	805.mg	4.96gm	11/100	539.mg	9/50	1.08gm	23/50		---:lym; liv:hpc. C
a	TR144	1.33gm	23.7gm	5/100	539.mg	5/50	1.08gm	12/50		
b	TR144	1.38gm	n.s.s.	7/100	539.mg	6/50	1.08gm	12/50		
c	TR144	742.mg	n.s.s.	27/100	539.mg	16/50	1.08gm	29/50		
d	TR144	1.33gm	23.7gm	5/100	539.mg	5/50	1.08gm	12/50		liv:hpa,hpc,nnd.
e	TR144	3.75gm	n.s.s.	4/100	539.mg	2/50	1.08gm	3/50		lun:a/a,a/c.
341	TR144	449.mg	1.83gm	18/100	498.mg	20/50	1.01gm	36/50		liv:hpa,hpc.
a	TR144	463.mg	2.11gm	20/100	498.mg	20/50	1.01gm	36/50		
b	TR144	458.mg	20.0gm	41/100	498.mg	28/50	1.01gm	42/50		
c	TR144	463.mg	2.11gm	20/100	498.mg	20/50	1.01gm	36/50		liv:hpa,hpc,nnd.
d	TR144	1.94gm	n.s.s.	17/100	498.mg	8/50	1.01gm	11/50		lun:a/a,a/c.
342	TR144	18.9mg	n.s.s.	19/25	71.0mg	17/50				liv:hpa,hpc,nnd.
a	TR144	89.0mg	n.s.s.	2/25	71.0mg	1/50				liv:hpc,nnd.
343	TR144	57.8mg	204.mg	0/50	102.mg	18/50	(203.mg	18/50)		liv:hpc,nnd.
a	TR144	121.mg	1.13gm	0/50	102.mg	8/50	(203.mg	5/50)		
b	TR144	145.mg	n.s.s.	20/50	102.mg	26/50	203.mg	30/50		
c	TR144	57.8mg	204.mg	0/50	102.mg	18/50	(203.mg	18/50)		liv:hpa,hpc,nnd.
o-AMINOAZOTOLUENE 97-56-3										
344	103	11.5mg	n.s.s.	95/288	28.8mg	9/23			Walker;fctx,11,415-432;1973	
a	103	22.7mg	n.s.s.	58/288	28.8mg	4/23				
345	30	1.16mg	16.9mg	0/5	28.6mg	6/7			Waters;yjbm,10,179-184;1937	
a	30	2.77mg	n.s.s.	0/5	28.6mg	4/7				
b	30	5.18mg	n.s.s.	0/5	28.6mg	2/7				
346	30	1.91mg	27.7mg	0/4	21.7mg	9/12				
a	30	4.27mg	n.s.s.	0/4	21.7mg	5/12				
b	30	5.20mg	n.s.s.	0/4	21.7mg	4/12				
6-AMINOCAPROIC ACID 60-32-2										
347	2192	20.6mg	n.s.s.	0/10	40.0mg	0/10			Shibata;carc,14,1265-1269;1993/pers.comm.	
4-AMINODIPHENYL (4-aminobiphenyl) 92-67-1										
348	1165	.957mg	n.s.s.	0/28	2.37mg	1/5			Clayson;bjca,19,297-310;1965/Williams 1962	
a	1165	1.99mg	n.s.s.	4/26	2.37mg	0/5				
349	1165	.761mg	n.s.s.	5/13	1.97mg	7/13				
a	1165	1.88mg	n.s.s.	0/5	1.97mg	1/11				
350	31	.544mg	1.94mg	1/31	6.12mg	24/28			Clayson;bjca,21,755-762;1967	
a	31	1.58mg	6.92mg	0/31	6.12mg	13/28				
351	31	1.67mg	16.2mg	0/19	5.10mg	7/21				
a	31	2.58mg	n.s.s.	0/19	5.10mg	4/21				
b	31	5.28mg	n.s.s.	0/19	5.10mg	1/21				
4-AMINODIPHENYL.HCl (4-aminobiphenyl.HCl) 2113-61-3										
352	1721	.553mg	1.95mg	0/27	4.73mg	18/32			Tanaka;gann,76,570-576;1985/pers.comm.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	1721	.535mg	2.41mg	2/27	4.73mg	19/32					
b	1721	7.80mg	n.s.s.	0/27	4.73mg	0/32					
c	1721	.494mg	2.08mg	2/27	4.73mg	20/32					
2-AMINODIPHENYLENE OXIDE 3693-22-9											
353	31	n.s.s.	3.31mg	0/31	35.0mg	30/30				Clayson;bjca,21,755-762;1967	
a	31	n.s.s.	3.36mg	1/31	35.0mg	30/30					
354	31	2.94mg	12.6mg	0/19	27.9mg	15/20					
a	31	4.32mg	20.7mg	0/19	27.9mg	12/20					
b	31	9.02mg	126.mg	0/19	27.9mg	6/20					
1-(AMINOMETHYL)CYCLOHEXANEACETIC ACID (gabapentin) 60142-96-3											
355	2026m	23.7gm	n.s.s.	0/50	250.mg	1/50	1.00gm	0/50	2.00gm	0/50	Dominick;txap,111,375-387;1991/Sigler 1995
a	2026m	804.mg	n.s.s.	43/50	250.mg	46/50	1.00gm	45/50	2.00gm	45/50	
356	2026m	2.72gm	437.gm	7/50	250.mg	6/50	1.00gm	10/50	2.00gm	16/50	
a	2026m	3.91gm	150.gm	0/50	250.mg	4/50	1.00gm	3/50	2.00gm	8/50	
b	2026m	1.87gm	n.s.s.	0/50	250.mg	0/50	1.00gm	0/50	2.00gm	0/50	
c	2026m	1.31gm	n.s.s.	35/50	250.mg	38/50	1.00gm	35/50	2.00gm	39/50	
2,2'-[(4-AMINOPHENYL)IMINO]BISETHANOL SULFATE (N,N-bis(2-hydroxyethyl)-p-phenylenediamine sulfate) 54381-16-7											
357	2269	1.19gm	n.s.s.	0/50	15.0mg	0/50	50.0mg	0/50	150.mg	1/50	Hagiwara;fctx,34,537-546;1996
358	2269	1.08gm	n.s.s.	2/50	12.0mg	2/50	40.0mg	0/50	120.mg	1/50	
a	2269	1.56gm	n.s.s.	1/50	12.0mg	1/50	40.0mg	0/50	120.mg	0/50	
3-AMINOTRIAZOLE (amitrol) 61-82-5											
359	1557o	2.00mg	n.s.s.	0/76	.105mg	0/76	1.05mg	0/76	10.5mg	0/76	Steinhoff;txap,69,161-169;1983
a	1557o	242.mg	n.s.s.	1/76	.105mg	1/76	1.05mg	0/76	10.5mg	0/76	
b	1557o	59.5mg	n.s.s.	13/76	.105mg	10/76	1.05mg	12/76	10.5mg	11/76	
c	1557o	81.3mg	n.s.s.	1/76	.105mg	2/76	1.05mg	3/76	10.5mg	3/76	
360	1557o	2.29mg	n.s.s.	0/76	92.0ug	0/76	.920mg	0/76	9.20mg	0/75	
a	1557o	2.29mg	n.s.s.	0/76	92.0ug	0/76	.920mg	0/76	9.20mg	0/75	
b	1557o	85.6mg	n.s.s.	20/76	92.0ug	11/76	.920mg	13/76	9.20mg	11/75	
c	1557o	160.mg	n.s.s.	7/76	92.0ug	2/76	.920mg	5/76	9.20mg	2/75	
361	35a	9.88mg	58.2mg	0/17	321.mg	17/18					Innes;ntis,1968/1969
a	35a	384.mg	n.s.s.	0/17	321.mg	0/18					
b	35a	10.0mg	66.8mg	2/17	321.mg	17/18					
362	35a	11.5mg	72.3mg	3/18	306.mg	16/18					
a	35a	283.mg	n.s.s.	2/18	306.mg	0/18					
b	35a	11.8mg	98.4mg	5/18	306.mg	16/18					
363	35a	n.s.s.	37.3mg	0/18	323.mg	18/18					
a	35a	359.mg	n.s.s.	1/18	323.mg	0/18					
b	35a	n.s.s.	42.2mg	3/18	323.mg	18/18					
364	35a	11.6mg	61.4mg	1/17	305.mg	16/18					
a	35a	294.mg	n.s.s.	2/17	305.mg	0/18					
b	35a	12.5mg	146.mg	6/17	305.mg	16/18					
365	1557n	3.29mg	n.s.s.	0/73	.130mg	0/73	1.30mg	0/74	13.0mg	0/74	Steinhoff;txap,69,161-169;1983
a	1557n	3.29mg	n.s.s.	0/73	.130mg	0/73	1.30mg	0/74	13.0mg	0/74	
b	1557n	2.32mg	n.s.s.	46/73	.130mg	26/73	1.30mg	46/74	(13.0mg)	38/74)	
c	1557n	26.3mg	n.s.s.	60/73	.130mg	48/73	1.30mg	59/74	13.0mg	55/74	
366	1557n	200.mg	n.s.s.	1/75	.120mg	0/73	1.20mg	1/73	12.0mg	1/72	
a	1557n	3.20mg	n.s.s.	0/75	.120mg	0/73	1.20mg	0/73	12.0mg	0/72	
b	1557n	41.1mg	n.s.s.	27/75	.120mg	38/73	1.20mg	26/73	12.0mg	32/72	
c	1557n	43.7mg	n.s.s.	52/75	.120mg	56/73	1.20mg	47/73	12.0mg	46/72	
367	1513	2.17mg	8.86mg	0/5	.450mg	1/10	2.25mg	2/15	4.50mg	17/26	Jukes;scie,132,296-297;1960
368	35	58.9mg	299.mg	0/10	96.2mg	19/40					Tsuda;jnci,57,861-864;1976
369	1557m	7.53mg	19.8mg	7/74	50.0ug	12/75	.500mg	8/75	5.00mg	44/75	Steinhoff;txap,69,161-169;1983

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	1557m	11.4mg	30.1mg	0/74	50.0ug	1/75	.500mg	4/75	5.00mg	28/75		
b	1557m	11.3mg	61.3mg	14/74	50.0ug	20/75	.500mg	15/75	5.00mg	36/75		
c	1557m	1.71mg	n.s.s.	0/74	50.0ug	0/75	.500mg	0/75	5.00mg	0/75		
d	1557m	3.11mg	626.mg	59/74	50.0ug	67/75	.500mg	60/75	5.00mg	71/75		
e	1557m	9.13mg	73.9mg	20/74	50.0ug	34/75	.500mg	29/75	5.00mg	45/75		
370	1557m	5.85mg	14.2mg	5/75	40.0ug	9/74	.400mg	4/75	4.00mg	45/75		
a	1557m	15.2mg	60.5mg	3/75	40.0ug	0/74	.400mg	3/75	4.00mg	18/75		
b	1557m	115.mg	n.s.s.	0/75	40.0ug	0/74	.400mg	1/75	4.00mg	0/75		
c	1557m	6.31mg	441.mg	36/75	40.0ug	41/74	.400mg	44/75	4.00mg	53/75		
d	1557m	21.4mg	n.s.s.	19/75	40.0ug	20/74	.400mg	23/75	4.00mg	23/75		
11-AMINOUNDECANOIC ACID 2432-99-7												
371	TR216	1.76gm	n.s.s.	28/50	926.mg	27/50	1.85gm	19/50				
a	TR216	3.83gm	n.s.s.	7/50	926.mg	8/50	1.85gm	5/50			liv:hpa,hpc,nnd.	
b	TR216	4.63gm	n.s.s.	2/50	926.mg	3/50	1.85gm	3/50			lun:a/a,a/c.	
372	TR216	2.09gm	n.s.s.	2/50	854.mg	9/50	1.71gm	4/50				S
a	TR216	1.20gm	n.s.s.	30/50	854.mg	29/50	1.71gm	18/50				
b	TR216	1.56gm	n.s.s.	17/50	854.mg	18/50	1.71gm	12/50			liv:hpa,hpc,nnd.	
c	TR216	4.88gm	n.s.s.	10/50	854.mg	3/50	1.71gm	4/50			lun:a/a,a/c.	
373	TR216	202.mg	n.s.s.	46/50	358.mg	47/50	(716.mg)	37/50				
a	TR216	2.10gm	n.s.s.	5/50	358.mg	5/50	716.mg	6/50			liv:hpa,hpc,nnd.	
374	TR216	494.mg	1.96gm	1/50	286.mg	10/50	573.mg	15/50			liv:hpc,nnd; ubl:tcc.	C
a	TR216	606.mg	4.27gm	1/50	286.mg	10/50	573.mg	10/50			liv:hpc,nnd.	
b	TR216	666.mg	9.39gm	1/50	286.mg	9/50	573.mg	8/50				
c	TR216	1.36gm	12.8gm	0/50	286.mg	0/50	573.mg	7/50				
d	TR216	1.26gm	n.s.s.	0/50	286.mg	5/50	573.mg	2/50				S
e	TR216	304.mg	n.s.s.	31/50	286.mg	37/50	573.mg	37/50				
f	TR216	606.mg	4.27gm	1/50	286.mg	10/50	573.mg	10/50			liv:hpa,hpc,nnd.	
AMMONIUM CHLORIDE 12125-02-9												
375	142a	8.57gm	n.s.s.	0/26	2.00gm	0/26					Flaks;bjca,31,585-587;1975	
376	142b	2.68gm	n.s.s.	0/26	2.00gm	0/26					Flaks;jnci,51,2007-2008;1973	
AMMONIUM CITRATE 3012-65-5												
377	2	2.10gm	n.s.s.	0/7	1.54gm	0/17					Weisburger;txap,14,163-175;1969	
AMMONIUM HYDROXIDE 1336-21-6												
378	1117	264.mg	n.s.s.	23/30	200.mg	24/40						
379	1117	2.78gm	n.s.s.	14/109	200.mg	12/50	400.mg	8/48	600.mg	4/42		Toth;ijcn,9,109-118;1972/1969a
a	1117	7.33gm	n.s.s.	3/89	200.mg	1/47	400.mg	2/41	600.mg	0/42		
380	1117	2.99gm	n.s.s.	0/86	167.mg	2/49	333.mg	2/48	500.mg	2/44		
a	1117	2.36gm	n.s.s.	10/86	167.mg	5/49	333.mg	5/48	500.mg	7/44		
b	1117	3.47gm	n.s.s.	2/67	167.mg	1/46	333.mg	3/28	500.mg	1/43		
AMOBARBITAL 57-43-2												
381	1690	29.6mg	n.s.s.	0/13	25.0mg	0/12						Diwan;jnci,74,509-516;1985
d1-AMPHETAMINE SULFATE 60-13-9												
382	TR387	3.80mg	n.s.s.	40/50	2.56mg	27/50	(12.8mg)	15/50				
a	TR387	16.0mg	n.s.s.	5/50	2.56mg	1/50	(12.8mg)	1/50			liv:hpa,hpc,nnd.	
b	TR387	6.80mg	n.s.s.	8/50	2.56mg	6/50	(12.8mg)	1/50			lun:a/a,a/c.	
383	TR387	40.1mg	n.s.s.	0/50	2.37mg	1/50	11.9mg	3/50			thy:fca,fcc.	S
a	TR387	3.75mg	n.s.s.	30/50	2.37mg	25/50	(11.9mg)	18/50				
b	TR387	5.75mg	n.s.s.	14/50	2.37mg	12/50	(11.9mg)	2/50			liv:hpa,hpc,nnd.	
c	TR387	60.4mg	n.s.s.	8/50	2.37mg	3/50	11.9mg	4/50			lun:a/a,a/c.	
384	TR387	1.14mg	n.s.s.	48/50	.985mg	42/50	(4.93mg)	30/50				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	TR387	n.s.s.	n.s.s.	0/50	.985mg	0/50	4.93mg	0/50			liv:hpa,hpc,nnd.
385	TR387	.480mg	n.s.s.	46/50	.790mg	45/50	(3.95mg)	37/50)			liv:hpa,hpc,nnd.
a	TR387	17.5mg	n.s.s.	0/50	.790mg	0/50	3.95mg	1/50			liv:hpa,hpc,nnd.
AMPICILLIN TRIHYDRATE 7177-48-2											
386	TR318	1.65gm	n.s.s.	32/50	1.06gm	21/50	2.12gm	28/50			
a	TR318	n.s.s.	n.s.s.	0/50	1.06gm	0/50	2.12gm	0/50			liv:hpa,hpc,nnd.
b	TR318	4.60gm	n.s.s.	2/50	1.06gm	3/50	2.12gm	4/50			lun:a/a,a/c.
387	TR318	1.48gm	n.s.s.	23/50	1.06gm	21/50	2.12gm	18/50			
a	TR318	3.47gm	n.s.s.	9/50	1.06gm	4/50	2.12gm	7/50			liv:hpa,hpc,nnd.
b	TR318	3.93gm	n.s.s.	6/50	1.06gm	6/50	2.12gm	3/50			lun:a/a,a/c.
388	TR318	2.39gm	n.s.s.	0/50	531.mg	3/50	1.06gm	3/50			S
a	TR318	660.mg	n.s.s.	44/50	531.mg	41/50	1.06gm	45/50			
b	TR318	n.s.s.	n.s.s.	0/50	531.mg	2/50	1.06gm	0/50			liv:hpa,hpc,nnd.
389	TR318	560.mg	n.s.s.	13/50	531.mg	16/50	1.06gm	23/50			amd:phe,phm.
a	TR318	830.mg	n.s.s.	5/50	531.mg	14/50	1.06gm	14/50			mul:lle,mnl. S
b	TR318	859.mg	n.s.s.	5/50	531.mg	14/50	1.06gm	13/50			
c	TR318	851.mg	n.s.s.	6/50	531.mg	16/50	1.06gm	14/50			mul:lle,mlh,mlm,mnl. S
d	TR318	468.mg	n.s.s.	39/50	531.mg	42/50	1.06gm	42/50			
e	TR318	5.63gm	n.s.s.	0/50	531.mg	0/50	1.06gm	1/50			liv:hpa,hpc,nnd.
1-AMYL-1-NITROSOUREA 10589-74-9											
390	1328	.559mg	1.86mg	0/20	3.06mg	20/35	(6.12mg)	15/33	12.2mg	18/33)	Fujii;gann,71,464-470;1980
a	1328	.835mg	1.77mg	0/20	3.06mg	24/35	6.12mg	27/33	12.2mg	27/33	
b	1328	.982mg	2.17mg	0/20	3.06mg	21/35	6.12mg	27/33	12.2mg	25/33	
c	1328	7.01mg	37.2mg	0/20	3.06mg	0/35	6.12mg	5/33	12.2mg	8/33	
d	1328	9.35mg	172.mg	0/20	3.06mg	1/35	6.12mg	2/33	12.2mg	6/33	
e	1328	3.80mg	n.s.s.	6/20	3.06mg	12/35	6.12mg	15/33	12.2mg	15/33	
f	1328	1.01mg	10.2mg	8/20	3.06mg	27/35	6.12mg	28/33	12.2mg	28/33	
391	1328	.367mg	.840mg	0/14	2.14mg	29/35	4.29mg	27/35	(8.57mg)	22/35)	
a	1328	.367mg	.840mg	0/14	2.14mg	29/35	4.29mg	27/35	(8.57mg)	20/35)	
b	1328	.926mg	3.19mg	0/14	2.14mg	13/35	4.29mg	18/35	(8.57mg)	13/35)	
c	1328	4.93mg	69.6mg	0/14	2.14mg	1/35	4.29mg	6/35	8.57mg	7/35	
d	1328	21.7mg	n.s.s.	0/14	2.14mg	5/35	4.29mg	0/35	8.57mg	0/35	
e	1328	.359mg	1.03mg	1/14	2.14mg	29/35	4.29mg	28/35	(8.57mg)	26/35)	
392	1915	.199mg	1.33mg	0/12	1.25mg	10/12					Lijinsky;txih,5,925-935;1989
a	1915	.420mg	21.2mg	1/12	1.25mg	7/12					
b	1915	.353mg	n.s.s.	2/12	1.25mg	8/12					
c	1915	.894mg	n.s.s.	0/12	1.25mg	3/12					
d	1915	1.15mg	n.s.s.	0/12	1.25mg	2/12					
393	1915	n.s.s.	.422mg	0/12	.875mg	12/12					
a	1915	.232mg	1.67mg	0/12	.875mg	8/12					
b	1915	.343mg	3.88mg	0/12	.875mg	6/12					
c	1915	1.27mg	n.s.s.	1/12	.875mg	1/12					
AMYLOPECTIN SULFATE 9047-13-6											
394	1716m	133.mg	830.mg	0/18	1.00gm	9/20					Ishioka;clet,26,277-282;1985
395	1716n	140.mg	669.mg	0/18	1.50gm	12/20					
ANETHOLE (p-propenylanisole) 104-46-1											
396	1582	563.mg	n.s.s.	0/30	162.mg	0/30					Miller;canr,43,1124-1134;1983
a	1582	563.mg	n.s.s.	1/30	162.mg	0/30					
trans-ANETHOLE (trans-p-propenylanisole) 4180-23-8											
397	1843	2.97gm	82.2gm	1/104	125.mg	0/78	250.mg	0/52	500.mg	6/52	Truhaut;fctx,27,11-19;1989/pers.comm.
a	1843	2.66gm	n.s.s.	2/104	125.mg	2/78	250.mg	0/52	500.mg	6/52	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	1843	9.49gm	n.s.s.	4/104	125.mg	1/78	250.mg	1/52	500.mg	0/52	
398	1843	1.07gm	n.s.s.	2/104	100.mg	2/78	200.mg	5/52	(400.mg	0/52)	
a	1843	1.94gm	n.s.s.	0/104	100.mg	3/78	200.mg	3/52	400.mg	2/52	
b	1843	2.72gm	n.s.s.	3/104	100.mg	3/78	200.mg	0/52	400.mg	4/52	
c	1843	4.29gm	n.s.s.	0/104	100.mg	1/78	200.mg	1/52	400.mg	0/52	
d	1843	3.31gm	n.s.s.	2/104	100.mg	1/78	200.mg	3/52	400.mg	1/52	
e	1843	6.06gm	n.s.s.	0/104	100.mg	1/78	200.mg	0/52	400.mg	0/52	
ANHYDROGLUCOCHLORAL (alpha-chloralose) 15879-93-3											
399	1297	2.86mg	n.s.s.	1/17	3.89mg	2/16					Innes;ntis,1968/1969
a	1297	6.85mg	n.s.s.	0/17	3.89mg	0/16					
b	1297	2.41mg	n.s.s.	2/17	3.89mg	3/16					
400	1297	4.75mg	n.s.s.	2/18	3.62mg	1/18					
a	1297	7.17mg	n.s.s.	1/18	3.62mg	0/18					
b	1297	3.75mg	n.s.s.	3/18	3.62mg	2/18					
401	1297	7.28mg	n.s.s.	0/16	3.89mg	0/17					
a	1297	7.28mg	n.s.s.	0/16	3.89mg	0/17					
b	1297	7.28mg	n.s.s.	0/16	3.89mg	0/17					
402	1297	2.19mg	n.s.s.	0/16	3.62mg	3/18					
a	1297	2.76mg	n.s.s.	0/16	3.62mg	2/18					
b	1297	1.54mg	89.3mg	0/16	3.62mg	5/18					
ANILAZINE 101-05-3											
403	TR104	47.6mg	n.s.s.	4/25	62.0mg	22/50	(124.mg	18/50)			
a	TR104	628.mg	n.s.s.	0/25	62.0mg	1/50	124.mg	1/50			liv:hpa,hpc,nnd.
b	TR104	511.mg	n.s.s.	0/25	62.0mg	1/50	124.mg	2/50			lun:a/a,a/c.
404	TR104	224.mg	n.s.s.	15/25	57.7mg	20/50	114.mg	25/50			
a	TR104	365.mg	n.s.s.	9/25	57.7mg	6/50	114.mg	12/50			liv:hpa,hpc,nnd.
b	TR104	391.mg	n.s.s.	4/25	57.7mg	7/50	114.mg	6/50			lun:a/a,a/c.
405	TR104	32.9mg	n.s.s.	22/25	25.0mg	42/50	50.0mg	43/50			
a	TR104	257.mg	n.s.s.	0/25	25.0mg	1/50	50.0mg	1/50			liv:hpa,hpc,nnd.
406	TR104	34.2mg	n.s.s.	12/25	20.0mg	26/50	40.0mg	28/50			
a	TR104	n.s.s.	n.s.s.	0/25	20.0mg	0/50	40.0mg	0/50			liv:hpa,hpc,nnd.
ANILINE 62-53-3											
407	1460	144.mg	n.s.s.	0/28	15.0mg	0/28	30.0mg	1/28	60.0mg	1/28	Hagiwara;txlt,6,71-75;1980
a	1460	29.3mg	n.s.s.	0/28	15.0mg	0/28	30.0mg	0/28	60.0mg	0/28	
ANILINE.HCl 142-04-1											
408	TR130	1.61gm	n.s.s.	21/50	741.mg	22/50	1.50gm	28/49			
a	TR130	3.27gm	n.s.s.	1/50	741.mg	5/50	1.50gm	5/49			liv:hpa,hpc,nnd.
b	TR130	n.s.s.	n.s.s.	0/50	741.mg	0/50	1.50gm	0/49			lun:a/a,a/c.
409	TR130	2.45gm	n.s.s.	24/50	693.mg	27/50	1.39gm	22/50			
a	TR130	5.78gm	n.s.s.	12/50	693.mg	9/50	1.39gm	7/50			liv:hpa,hpc,nnd.
b	TR130	5.15gm	n.s.s.	4/50	693.mg	8/50	1.39gm	3/50			lun:a/a,a/c.
410	TR130	786.mg	248.gm	0/25	144.mg	1/50	286.mg	7/50			mul:fbs,srn; spl:fbs,srn.
a	TR130	265.mg	n.s.s.	17/25	144.mg	32/50	286.mg	35/50			
b	TR130	2.12gm	n.s.s.	0/25	144.mg	0/50	286.mg	1/50			liv:hpa,hpc,nnd.
411	TR130	64.2mg	133.mg	0/25	115.mg	27/50	229.mg	38/50			bod:men; mul:fbs,hes,srn; spl:fbs,hes,srn. C
a	TR130	99.9mg	277.mg	0/25	115.mg	19/50	229.mg	23/50			bod:men; mul:hes; spl:hes.
b	TR130	108.mg	344.mg	0/25	115.mg	19/50	229.mg	20/50			
c	TR130	168.mg	565.mg	0/25	115.mg	11/50	229.mg	18/50			bod:men; mul:fbs,srn; spl:fbs,srn.
d	TR130	251.mg	4.10gm	0/25	115.mg	7/50	229.mg	9/50			spl:fbs,srn.
e	TR130	312.mg	2.01gm	0/25	115.mg	4/50	229.mg	11/50			bod:men; mul:fbs,srn.
f	TR130	249.mg	n.s.s.	2/25	115.mg	6/50	229.mg	12/50			adr:phe,phm. S
g	TR130	65.9mg	1.25gm	10/25	115.mg	42/50	229.mg	45/50			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
h	TR130	2.38gm	n.s.s.	1/25	115.mg	0/50	229.mg	0/50		liv:hpa,hpc,nnd.
o-ANISIDINE.HCl 134-29-2										
412	TR89	611.mg	1.81gm	0/55	319.mg	1/55	638.mg	22/55		ubl:tcc,tpp.
a	TR89	771.mg	2.64gm	0/55	319.mg	0/55	638.mg	18/55		
b	TR89	761.mg	n.s.s.	34/55	319.mg	20/55	638.mg	33/55		
c	TR89	4.37gm	n.s.s.	11/55	319.mg	1/55	638.mg	4/55	liv:hpa,hpc,nnd.	
d	TR89	4.67gm	n.s.s.	4/55	319.mg	2/55	638.mg	1/55	lun:a/a,a/c.	
413	TR89	575.mg	1.67gm	0/55	297.mg	2/55	589.mg	22/55		ubl:tcc,tpp.
a	TR89	888.mg	3.46gm	0/55	297.mg	0/55	589.mg	15/55		
b	TR89	1.14gm	n.s.s.	43/55	297.mg	27/55	589.mg	30/55		
c	TR89	1.08gm	n.s.s.	28/55	297.mg	13/55	(589.mg	7/55)	liv:hpa,hpc,nnd.	
d	TR89	824.mg	n.s.s.	12/55	297.mg	9/55	(589.mg	2/55)	lun:a/a,a/c.	
414	TR89	11.0mg	48.6mg	0/55	248.mg	46/55	500.mg	50/55		ubl:tcc,tpp.
a	TR89	11.2mg	52.9mg	0/55	248.mg	41/55	500.mg	50/55		
b	TR89	208.mg	3.85gm	0/55	248.mg	5/55	500.mg	0/55		S
c	TR89	21.0mg	62.0mg	52/55	248.mg	50/55	500.mg	51/55		
d	TR89	n.s.s.	n.s.s.	1/55	248.mg	0/55	500.mg	0/55	liv:hpa,hpc,nnd.	
415	TR89	20.6mg	48.8mg	0/55	198.mg	52/55	400.mg	52/55		ubl:tcc,tpp.
a	TR89	20.6mg	48.8mg	0/55	198.mg	52/55	400.mg	52/55	k/p:tcc; thy:cyn,fca,fcc,pcn,pcy; tyf:pcn,pcy; ubl:tcc,tpp.	C
b	TR89	21.0mg	50.4mg	0/55	198.mg	50/55	400.mg	51/55		
c	TR89	98.9mg	595.mg	0/55	198.mg	7/55	400.mg	6/55	thy:cyn,fca,fcc,pcn,pcy.	
d	TR89	191.mg	1.90gm	0/55	198.mg	4/55	400.mg	4/55	thy:fca; tyf:pcn,pcy.	
e	TR89	304.mg	5.61gm	0/55	198.mg	2/55	400.mg	4/55		
f	TR89	20.3mg	49.2mg	39/55	198.mg	53/55	400.mg	53/55		
g	TR89	148.mg	3.15gm	0/55	198.mg	4/55	400.mg	0/55	liv:hpa,hpc,nnd.	
p-ANISIDINE.HCl 20265-97-8										
416	TR116	2.32gm	n.s.s.	34/55	638.mg	33/55	1.28gm	24/55		
a	TR116	4.69gm	n.s.s.	11/55	638.mg	10/55	1.28gm	6/55	liv:hpa,hpc,nnd.	
b	TR116	5.15gm	n.s.s.	4/55	638.mg	5/55	1.28gm	3/55	lun:a/a,a/c.	
417	TR116	2.19gm	n.s.s.	43/55	589.mg	29/55	1.18gm	36/55		
a	TR116	2.78gm	n.s.s.	28/55	589.mg	22/55	1.18gm	23/55	liv:hpa,hpc,nnd.	
b	TR116	2.35gm	n.s.s.	12/55	589.mg	8/55	1.18gm	17/55	lun:a/a,a/c.	
418	TR116	568.mg	n.s.s.	52/55	146.mg	38/55	291.mg	42/55		
a	TR116	1.41gm	n.s.s.	1/55	146.mg	1/55	291.mg	3/55	liv:hpa,hpc,nnd.	
419	TR116	202.mg	n.s.s.	1/55	118.mg	8/55	(233.mg	3/55)	pre:adn,can.	
a	TR116	1.09gm	n.s.s.	0/55	118.mg	0/55	233.mg	3/55		
b	TR116	1.12gm	n.s.s.	0/55	118.mg	0/55	233.mg	3/55		
c	TR116	424.mg	n.s.s.	39/55	118.mg	36/55	233.mg	31/55		
d	TR116	673.mg	n.s.s.	0/55	118.mg	3/55	233.mg	4/55	liv:hpa,hpc,nnd.	
ANTHRANILIC ACID 118-92-3										
420	TR36	4.53gm	n.s.s.	1/15	1.73gm	5/35	3.45gm	5/35		
a	TR36	7.83gm	n.s.s.	0/15	1.73gm	1/35	3.45gm	2/35	liv:hpa,hpc,nnd.	
b	TR36	13.1gm	n.s.s.	0/15	1.73gm	0/35	3.45gm	1/35	lun:a/a,a/c.	
421	TR36	1.48gm	n.s.s.	0/15	1.59gm	13/35	3.18gm	6/35		
a	TR36	1.79gm	n.s.s.	0/15	1.59gm	6/35	3.18gm	5/35	liv:hpa,hpc,nnd.	
b	TR36	n.s.s.	n.s.s.	0/15	1.59gm	5/35	(3.18gm	0/35)	lun:a/a,a/c.	
422	TR36	361.mg	n.s.s.	10/15	402.mg	19/35	(804.mg	11/35)		
a	TR36	n.s.s.	n.s.s.	0/15	402.mg	0/35	804.mg	0/35	liv:hpa,hpc,nnd.	
423	TR36	867.mg	n.s.s.	6/15	318.mg	14/35	643.mg	11/35		
a	TR36	n.s.s.	n.s.s.	0/15	318.mg	0/35	643.mg	0/35	liv:hpa,hpc,nnd.	
9,10-ANTHRAQUINONE 84-65-1										
424	1229	124.mg	n.s.s.	1/17	169.mg	2/16			Innes;ntis,1968/1969	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	1229	297.mg	n.s.s.	0/17	169.mg	0/16					
b	1229	104.mg	n.s.s.	2/17	169.mg	3/16					
425	1229	312.mg	n.s.s.	1/18	157.mg	0/18					
a	1229	312.mg	n.s.s.	2/18	157.mg	0/18					
b	1229	312.mg	n.s.s.	3/18	157.mg	0/18					
426	1229	121.mg	n.s.s.	0/16	169.mg	2/17					
a	1229	316.mg	n.s.s.	0/16	169.mg	0/17					
b	1229	121.mg	n.s.s.	0/16	169.mg	2/17					
427	1229	113.mg	n.s.s.	0/16	157.mg	2/17					
a	1229	294.mg	n.s.s.	0/16	157.mg	0/17					
b	1229	113.mg	n.s.s.	0/16	157.mg	2/17					
ANTIMONY POTASSIUM TARTRATE 28300-74-5											
428	1036	9.12mg	n.s.s.	15/71	.877mg	10/76				Kanisawa;canr,29,892-895;1969	
a	1036	19.7mg	n.s.s.	4/71	.877mg	1/76					
b	1036	6.83mg	n.s.s.	24/71	.877mg	18/76					
c	1036	9.91mg	n.s.s.	8/71	.877mg	6/76					
ARAMITE 140-57-8											
429	40a	99.0mg	n.s.s.	1/17	157.mg	3/16				Innes;ntis,1968/1969	
a	40a	305.mg	n.s.s.	0/17	157.mg	0/16					
b	40a	85.9mg	n.s.s.	2/17	157.mg	4/16					
430	40a	166.mg	n.s.s.	1/18	146.mg	1/17					
a	40a	281.mg	n.s.s.	2/18	146.mg	0/17					
b	40a	145.mg	n.s.s.	3/18	146.mg	2/17					
431	40a	158.mg	n.s.s.	0/16	157.mg	1/17					
a	40a	158.mg	n.s.s.	0/16	157.mg	1/17					
b	40a	41.1mg	295.mg	0/16	157.mg	8/17					
432	40a	50.7mg	617.mg	0/16	146.mg	6/16					
a	40a	59.4mg	1.56gm	0/16	146.mg	5/16					
b	40a	285.mg	n.s.s.	0/16	146.mg	0/16					
c	40a	43.6mg	375.mg	0/16	146.mg	7/16					
433	42	38.4mg	122.mg	5/180	4.50mg	3/93	9.00mg	10/90	18.0mg	22/96	Popper;canc,13,1035-1046;1960
a	42	248.mg	n.s.s.	0/180	4.50mg	0/93	9.00mg	0/90	18.0mg	2/96	
434	1133	202.mg	1.99gm	0/22	22.5mg	1/20	71.1mg	2/21	225.mg	6/20	Oser;txap,2,441-457;1960
435	21	41.7mg	n.s.s.	0/30	10.0mg	1/30					Deichmann;txap,11,88-103;1967
a	21	16.1mg	n.s.s.	13/30	10.0mg	12/30					
436	84a	24.7mg	n.s.s.	1/30	4.00mg	0/30					Radomski;txap,7,652-656;1965
a	84a	5.40mg	n.s.s.	6/30	4.00mg	8/30					
b	84a	13.0mg	n.s.s.	6/30	4.00mg	3/30					
437	21	62.6mg	n.s.s.	0/30	8.00mg	0/30					Deichmann;txap,11,88-103;1967
a	21	24.7mg	n.s.s.	0/30	8.00mg	2/30					
b	21	27.2mg	n.s.s.	1/30	8.00mg	2/30					
438	84a	19.8mg	n.s.s.	0/30	3.20mg	0/30					Radomski;txap,7,652-656;1965
a	84a	10.5mg	n.s.s.	0/30	3.20mg	1/30					
b	84a	10.6mg	n.s.s.	3/30	3.20mg	2/30					
439	42	187.mg	n.s.s.	0/82	4.50mg	0/46	9.00mg	1/41	18.0mg	1/92	Popper;canc,13,1035-1046;1960
440	42	48.2mg	155.mg	2/193	4.50mg	2/93	9.00mg	3/100	18.0mg	20/90	
a	42	151.mg	1.86gm	0/193	4.50mg	0/93	9.00mg	0/100	18.0mg	5/90	
b	42	246.mg	n.s.s.	0/193	4.50mg	0/93	9.00mg	0/100	18.0mg	2/90	
ARECOLINE.HCl 61-94-9											
441	1659m	114.mg	n.s.s.	0/20	28.6mg	0/18					Bhide;zkko,107,169-171;1984/pers.comm.
a	1659m	114.mg	n.s.s.	0/20	28.6mg	0/18					
b	1659m	114.mg	n.s.s.	0/20	28.6mg	0/18					
442	1659n	18.6mg	n.s.s.	1/16	28.6mg	4/12					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	1659n	28.4mg	n.s.s.	0/16	28.6mg	2/12						
b	1659n	12.5mg	690.mg	1/16	28.6mg	6/12						
443	1659m	30.6mg	524.mg	0/20	23.8mg	8/35						
a	1659m	59.4mg	n.s.s.	0/20	23.8mg	3/35						
b	1659m	55.5mg	n.s.s.	1/20	23.8mg	4/35						
c	1659m	17.8mg	143.mg	1/20	23.8mg	15/35						
444	1659n	34.5mg	n.s.s.	0/21	23.8mg	3/21						
a	1659n	40.6mg	n.s.s.	2/21	23.8mg	3/21						
b	1659n	20.3mg	n.s.s.	2/21	23.8mg	7/21						
ARISTOLOCHIC ACID, SODIUM SALT (77% AA I, 21% AA II) 10190-99-5												
445	2424	3.89ug	.254mg	0/4	75.0ug	4/5					Mengs;artx,51,107-119;1982/pers.comm.	
a	2424	6.88ug	n.s.s.	0/4	75.0ug	3/5						
b	2424	16.3ug	n.s.s.	0/4	75.0ug	1/5						
446	2424	n.s.s.	n.s.s.	0/5	75.0ug	4/4						
AROCLOR 1016 (PCBs, polychlorinated biphenyls) 12674-11-2												
447	2428	25.7mg	333.mg	1/100	2.50mg	1/50	5.00mg	6/50	10.0mg	5/50		Mayes;faat,41,62-76;1998/pers.comm.
a	2428	27.5mg	461.mg	1/100	2.50mg	1/50	5.00mg	5/50	10.0mg	5/50		
b	2428	97.4mg	n.s.s.	0/100	2.50mg	0/50	5.00mg	1/50	10.0mg	0/50		
448	2428	42.4mg	n.s.s.	7/100	2.00mg	2/50	4.00mg	2/50	8.00mg	4/50		
a	2428	39.2mg	n.s.s.	2/100	2.00mg	4/50	4.00mg	3/50	8.00mg	1/50		
AROCLOR 1242 (PCBs, polychlorinated biphenyls) 11104-29-3												
449	2428	5.39mg	16.4mg	1/100	2.50mg	11/50	5.00mg	15/50				Mayes;faat,41,62-76;1998/pers.comm.
a	2428	6.36mg	22.3mg	1/100	2.50mg	10/50	5.00mg	12/50				
b	2428	31.2mg	n.s.s.	0/100	2.50mg	0/50	5.00mg	2/50				
c	2428	41.7mg	n.s.s.	0/100	2.50mg	1/50	5.00mg	0/50				
450	2428	8.47mg	204.mg	2/100	2.00mg	7/50	4.00mg	6/50				
a	2428	9.96mg	234.mg	1/100	2.00mg	5/50	4.00mg	5/50				
b	2428	22.9mg	n.s.s.	1/100	2.00mg	2/50	4.00mg	1/50				
c	2428	22.4mg	n.s.s.	7/100	2.00mg	1/50	4.00mg	4/50				
AROCLOR 1254 (PCBs, polychlorinated biphenyls) 11097-69-1												
451	1029	4.46mg	26.3mg	0/58	36.0mg	9/22						Kimbrough;jnci,53,547-549;1974
452	1029m	10.5mg	n.s.s.	0/58	19.6mg	1/24						
453	TR38	10.5mg	n.s.s.	0/24	1.30mg	0/24	2.50mg	1/24	5.00mg	2/24		
a	TR38	15.2mg	n.s.s.	0/24	1.30mg	1/24	2.50mg	1/24	5.00mg	0/24		
b	TR38	4.25mg	n.s.s.	11/24	1.30mg	18/24	2.50mg	13/24	5.00mg	12/24		
c	TR38	n.s.s.	n.s.s.	0/24	1.30mg	0/24	2.50mg	0/24	5.00mg	0/24		liv:hpa,hpc,nnd.
454	TR38	2.78mg	52.3mg	3/24	1.00mg	2/24	2.00mg	5/24	4.00mg	9/24		----:leu,lym. S
a	TR38	3.01mg	275.mg	3/24	1.00mg	2/24	2.00mg	5/24	4.00mg	8/24		S
b	TR38	5.21mg	338.mg	0/24	1.00mg	0/24	2.00mg	1/24	4.00mg	3/24		liv:adn,hpc.
c	TR38	8.40mg	n.s.s.	0/24	1.00mg	0/24	2.00mg	2/24	4.00mg	0/24		cec:acn; jej:acn; sto:acn.
d	TR38	1.60mg	23.4mg	7/24	1.00mg	7/24	2.00mg	12/24	4.00mg	13/24		
e	TR38	6.29mg	n.s.s.	0/24	1.00mg	0/24	2.00mg	1/24	4.00mg	2/24		liv:hpa,hpc,nnd.
455	2428	2.09mg	3.98mg	1/100	1.25mg	19/50	2.50mg	28/50	5.00mg	28/50		Mayes;faat,41,62-76;1998/pers.comm.
a	2428	2.25mg	4.38mg	1/100	1.25mg	18/50	2.50mg	26/50	5.00mg	27/50		
b	2428	6.93mg	48.7mg	0/100	1.25mg	2/50	2.50mg	6/50	(5.00mg)	1/50		
c	2428	13.9mg	76.4mg	0/100	1.25mg	0/50	2.50mg	4/50	5.00mg	6/50		
456	2428	7.59mg	n.s.s.	2/100	1.00mg	7/50	2.00mg	7/50	4.00mg	6/50		
a	2428	9.14mg	n.s.s.	1/100	1.00mg	6/50	2.00mg	4/50	4.00mg	5/50		
b	2428	13.1mg	n.s.s.	7/100	1.00mg	4/50	2.00mg	4/50	4.00mg	6/50		
c	2428	20.4mg	n.s.s.	1/100	1.00mg	1/50	2.00mg	3/50	4.00mg	1/50		

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology						Brkly Code	
AROCLOR 1260 (PCBs, clophen A 60, polychlorinated biphenyls) 11096-82-5															
457	2428	3.77mg	8.72mg	1/100	1.25mg	10/50	2.50mg	11/50	5.00mg	24/50	Mayes;faat,41,62-76;1998/pers.comm.				
a	2428	4.30mg	10.6mg	1/100	1.25mg	9/50	2.50mg	10/50	5.00mg	21/50					
b	2428	17.9mg	181.mg	0/100	1.25mg	1/50	2.50mg	1/50	5.00mg	5/50					
c	2428	29.7mg	n.s.s.	0/100	1.25mg	0/50	2.50mg	0/50	5.00mg	3/50					
458	2428	5.03mg	1.35gm	1/100	1.00mg	6/50	2.00mg	4/50	(4.00mg	3/50)					
a	2428	4.56mg	n.s.s.	2/100	1.00mg	7/50	2.00mg	5/50	(4.00mg	4/50)					
b	2428	8.60mg	n.s.s.	7/100	1.00mg	3/50	2.00mg	6/50	4.00mg	10/50					
c	2428	10.3mg	n.s.s.	4/100	1.00mg	2/50	2.00mg	5/50	4.00mg	7/50					
d	2428	22.3mg	n.s.s.	3/100	1.00mg	1/50	2.00mg	1/50	4.00mg	3/50					
e	2428	28.1mg	n.s.s.	1/100	1.00mg	1/50	2.00mg	1/50	4.00mg	1/50					
459	1320	.804mg	1.35mg	0/173	4.69mg	170/184	Kimbrough;jnci,55,1453-1456;1975								
a	1320	1.39mg	2.24mg	0/173	4.69mg	144/184									
b	1320	11.3mg	34.3mg	1/173	4.69mg	26/184									
460	1605	3.90mg	7.75mg	1/131	4.00mg	61/129	Schaeffer;txap,75,278-288;1984								
ARSENATE, SODIUM 7631-89-2															
461	2004	7.14ug	n.s.s.	0/11	16.5ug	2/11	Adamson;ossc,129-156;1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.								
a	2004	9.12ug	n.s.s.	2/20	16.5ug	2/12									
462	1507	116.mg	n.s.s.	8/50	1.41mg	14/50	2.81mg	8/50	5.63mg	10/50	11.3mg	6/50	18.0mg	5/50	Byron;txap,10,132-147;1967
a	1507	121.mg	n.s.s.	17/50	1.41mg	21/50	2.81mg	15/50	5.63mg	16/50	11.3mg	13/50	18.0mg	6/50	
ARSENIOS OXIDE 1327-53-3															
463	2367	1.48mg	n.s.s.	12/29	1.06mg	10/28	Schrauzer;bnch,9,245-253;1978								
464	1505	39.4mg	n.s.s.	0/50	4.13mg	0/50	Hueper;aenh,5,445-462;1962								
a	1505	39.4mg	n.s.s.	1/50	4.13mg	0/50									
465	1506	12.1mg	n.s.s.	1/50	3.33mg	3/50	Sanderson;becc,39,628-629;1961								
466	1509	8.52mg	n.s.s.	34/137	20.0mg	4/15	Baroni;aenh,7,668-674;1963/Shubik 1962								
a	1509	24.2mg	n.s.s.	4/137	20.0mg	0/15									
467	1509	11.4mg	n.s.s.	18/133	16.7mg	15/60									
a	1509	80.5mg	n.s.s.	2/133	16.7mg	0/60									
ARSENITE, SODIUM 7784-46-5															
468	2369m	8.66mg	n.s.s.	22/27	16.0mg	6/15	Schrauzer;ancl,4,441-447;1974/1976								
469	2369n	6.01mg	n.s.s.	22/30	2.00mg	8/30									
470	1512	14.2mg	n.s.s.	26/170	.877mg	3/103	Kanisawa;canr,27,1192-1195;1967								
a	1512	14.6mg	n.s.s.	7/170	.877mg	1/103									
b	1512	7.97mg	n.s.s.	15/170	.877mg	6/103									
c	1512	10.9mg	n.s.s.	55/170	.877mg	11/103									
d	1512	14.5mg	n.s.s.	29/170	.877mg	3/103									
471	1036	3.35mg	n.s.s.	1/82	.265mg	5/91	Kanisawa;canr,29,892-895;1969								
a	1036	8.08mg	n.s.s.	9/82	.265mg	3/91									
b	1036	2.90mg	n.s.s.	31/82	.265mg	25/91									
472	1507	13.8mg	n.s.s.	8/50	.703mg	8/50	1.41mg	9/50	2.81mg	15/50	5.63mg	7/50	(11.3mg	1/50)	Byron;txap,10,132-147;1967
a	1507	60.2mg	n.s.s.	16/50	.703mg	14/50	1.41mg	15/50	2.81mg	18/50	5.63mg	15/50	11.3mg	6/50	
L-ASCORBATE, SODIUM (vitamin C, sodium) 134-03-2															
473	1900	206.mg	n.s.s.	0/10	400.mg	0/10	Hirose;carc,8,1731-1735;1987/pers.comm.								
a	1900	206.mg	n.s.s.	0/10	400.mg	0/10									
b	1900	206.mg	n.s.s.	0/10	400.mg	0/10									
L-ASCORBIC ACID (vitamin C) 50-81-7															
474	TR247	8.40gm	n.s.s.	30/50	3.19gm	28/50	6.38gm	27/50							

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code
a	TR247	30.6gm	n.s.s.	3/50	3.19gm	1/50	6.38gm	3/50						liv:hpa,hpc,nnd.
b	TR247	24.1gm	n.s.s.	1/50	3.19gm	4/50	6.38gm	1/50						lun:a/a,a/c.
475	TR247	11.9gm	n.s.s.	29/50	2.94gm	31/50	5.89gm	24/50						
a	TR247	16.4gm	n.s.s.	16/50	2.94gm	16/50	5.89gm	13/50						liv:hpa,hpc,nnd.
b	TR247	16.5gm	n.s.s.	5/50	2.94gm	4/50	5.89gm	8/50						lun:a/a,a/c.
476	TR247	1.86gm	n.s.s.	41/50	1.23gm	45/50	2.45gm	40/50						
a	TR247	28.7gm	n.s.s.	2/50	1.23gm	0/50	2.45gm	0/50						liv:hpa,hpc,nnd.
477	TR247	2.05gm	n.s.s.	37/50	981.mg	41/50	1.96gm	39/50						
a	TR247	16.7gm	n.s.s.	2/50	981.mg	0/50	1.96gm	1/50						liv:hpa,hpc,nnd.
478	2098	412.mg	n.s.s.	0/10	800.mg	0/10							Shibata;carc,14,275-280;1993	
ASPARTAME 22839-47-0														
479	2387	30.4gm	n.s.s.	0/60	1.00gm	2/40	2.00gm	0/40	4.00gm	1/40	7.42gm	2/40		Koestner;apab,447-457;1984/Cornell 1984/Hazleton 1973
a	2387	21.4gm	n.s.s.	2/60	4.00gm	0/40	7.42gm	0/40						
b	2387	11.9gm	n.s.s.	49/60	4.00gm	27/40	7.42gm	26/40						
480	2387	33.9gm	n.s.s.	1/59	1.00gm	1/40	2.00gm	1/40	4.00gm	4/40	7.42gm	0/40		
a	2387	54.1gm	n.s.s.	1/59	4.00gm	0/40	7.42gm	1/38						
b	2387	10.6gm	n.s.s.	28/60	4.00gm	19/40	7.42gm	18/40						
481	1327m	471.mg	n.s.s.	0/16	1.00gm	0/16	2.00gm	0/16	4.00gm	0/16				Ishii;txlt,7,433-437;1981
482	1327n	45.8gm	n.s.s.	1/60	1.00gm	0/60	2.00gm	2/60	4.00gm	0/60				
483	1327m	471.mg	n.s.s.	0/16	1.00gm	0/16	2.00gm	0/16	4.00gm	0/16				
484	1327n	35.2gm	n.s.s.	0/59	1.00gm	1/59	2.00gm	0/60	4.00gm	1/60				
ASPIRIN 50-78-2														
485	1028	1.77gm	n.s.s.	0/36	382.mg	0/41								Macklin;dact,3,135-163;1980
486	1028	1.94gm	n.s.s.	0/35	382.mg	0/45								
487	1571	125.mg	n.s.s.	0/23	26.9mg	0/40								Tsung-Hsien;jnci,70,1067-1069;1983
a	1571	125.mg	n.s.s.	0/23	26.9mg	0/40								
488	1786	272.mg	n.s.s.	0/36	200.mg	1/29								Sakata;canr,46,3903-3906;1986
a	1786	511.mg	n.s.s.	0/36	200.mg	0/29								
489	2125	11.5mg	n.s.s.	0/12	16.0mg	0/12								Reddy;carc,14,1493-1497;1993/pers.comm.
490	2184	433.mg	n.s.s.	0/17	400.mg	0/21								Yanagi;onco,50,275-278;1993
ASPIRIN, PHENACETIN, AND CAFFEINE (APC) 8003-03-0														
491	TR67	2.92gm	n.s.s.	20/50	755.mg	17/50	1.51gm	14/50						
a	TR67	4.46gm	n.s.s.	1/50	755.mg	2/50	1.51gm	3/50						liv:hpa,hpc,nnd.
b	TR67	3.65gm	n.s.s.	4/50	755.mg	7/50	1.51gm	4/50						lun:a/a,a/c.
492	TR67	975.mg	n.s.s.	17/50	697.mg	24/50	1.39gm	21/50						
a	TR67	2.35gm	n.s.s.	7/50	697.mg	11/50	1.39gm	6/50						liv:hpa,hpc,nnd.
b	TR67	1.46gm	n.s.s.	6/50	697.mg	9/50	1.39gm	12/50						lun:a/a,a/c.
493	1028	1.43gm	n.s.s.	0/36	696.mg	1/34								Macklin;dact,3,135-163;1980
a	1028	2.67gm	n.s.s.	0/36	696.mg	0/34								
494	1028	1.55gm	n.s.s.	0/35	696.mg	1/37								
a	1028	2.91gm	n.s.s.	0/35	696.mg	0/37								
495	TR67	222.mg	n.s.s.	42/50	245.mg	41/50	(485.mg)	32/49						
a	TR67	1.32gm	n.s.s.	0/50	245.mg	4/50	485.mg	3/49						liv:hpa,hpc,nnd.
496	TR67	406.mg	n.s.s.	30/50	196.mg	37/50	388.mg	33/50						
a	TR67	2.75gm	n.s.s.	5/50	196.mg	4/50	388.mg	1/50						liv:hpa,hpc,nnd.
ASTEMIZOLE (hisanal) 68844-77-9														
497	2349	37.2mg	n.s.s.	10/50	3.25mg	4/50	13.0mg	5/50	(52.0mg)	2/50				Benze;canr,55,5589-5594;1995
a	2349	137.mg	n.s.s.	4/50	3.25mg	5/50	13.0mg	7/50	52.0mg	3/50				
b	2349	28.5mg	n.s.s.	30/50	3.25mg	28/50	13.0mg	23/50	52.0mg	31/50				
498	2349	155.mg	n.s.s.	1/50	3.00mg	0/50	12.0mg	0/50	48.0mg	2/50				
a	2349	55.4mg	n.s.s.	15/50	3.00mg	12/50	12.0mg	16/50	48.0mg	14/50				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
e	1819	.329mg	n.s.s.	9/50	.198mg	7/50					
f	1819	21.5ug	69.4ug	14/50	.198mg	44/50					
541	1819	60.4ug	.719mg	12/50	.213mg	27/50					
a	1819	.126mg	41.7mg	3/50	.213mg	12/50					
b	1819	.297mg	n.s.s.	0/50	.213mg	3/50					
c	1819	.365mg	n.s.s.	0/50	.213mg	2/50					
d	1819	31.5ug	.116mg	13/50	.213mg	38/50					
542	TR42	.164mg	n.s.s.	7/15	.470mg	15/35	1.68mg	3/35			
a	TR42	n.s.s.	n.s.s.	0/15	.470mg	0/35	1.68mg	0/35		liv:hpa,hpc,nnd.	
543	TR42	.156mg	2.32mg	1/15	.470mg	11/35	1.72mg	1/35			
a	TR42	n.s.s.	n.s.s.	0/15	.470mg	0/35	1.72mg	0/35		liv:hpa,hpc,nnd.	
544	1906	.144mg	.404mg	10/49	10.7ug	1/10	.107mg	2/10	1.07mg	56/87	
a	1906	5.01ug	n.s.s.	0/49	10.7ug	0/10	.107mg	0/10	1.07mg	0/87	Carr;bjca,57,395-402;1988
b	1906	.114mg	.282mg	10/49	10.7ug	1/10	.107mg	2/10	1.07mg	63/87	
6-AZACYTIDINE 3131-60-0											
545	1906	.662mg	n.s.s.	0/49	1.07mg	0/12					Carr;bjca,57,395-402;1988
a	1906	.340mg	n.s.s.	10/49	1.07mg	2/12					
AZASERINE 115-02-6											
546	1172	.342mg	2.54mg	0/76	.475mg	7/34					Longnecker;canc,47,1562-1572;1981
a	1172	.384mg	3.38mg	0/76	.475mg	6/34					
b	1172	.742mg	n.s.s.	0/76	.475mg	2/34					
547	1746	.736mg	n.s.s.	0/9	.714mg	0/5					McGuinness;sjge,18,189-192;1983
AZATHIOPRINE (imuran) 446-86-6											
548	1935m	.366mg	n.s.s.	0/5	.650mg	0/5	2.60mg	0/5			Ito;gann,80,419-423;1989/pers.comm.
a	1935m	.366mg	n.s.s.	0/5	.650mg	0/5	2.60mg	0/5			
549	1935n	1.68mg	n.s.s.	0/13	.650mg	2/15	2.60mg	2/11			
a	1935n	2.20mg	n.s.s.	0/13	.650mg	2/15	2.60mg	2/15			
b	1935n	1.22mg	n.s.s.	0/13	.650mg	0/15	2.60mg	0/11			
550	1935o	3.85mg	30.8mg	0/32	.650mg	0/30	2.60mg	7/34			
a	1935o	4.89mg	n.s.s.	2/32	.650mg	5/30	2.60mg	4/34			
b	1935o	11.0mg	n.s.s.	0/32	.650mg	0/30	2.60mg	1/34			
c	1935o	3.04mg	n.s.s.	1/32	.650mg	0/30	2.60mg	0/34			
d	1935o	3.04mg	n.s.s.	0/32	.650mg	0/30	2.60mg	0/34			
551	1935m	.338mg	n.s.s.	0/5	.600mg	0/5	2.40mg	0/5			
a	1935m	.338mg	n.s.s.	0/5	.600mg	0/5	2.40mg	0/5			
552	1935n	3.18mg	n.s.s.	1/15	.600mg	3/16	2.40mg	1/15			
a	1935n	5.97mg	n.s.s.	1/15	.600mg	1/16	2.40mg	0/15			
b	1935n	5.97mg	n.s.s.	1/15	.600mg	1/16	2.40mg	0/15			
553	1935o	3.65mg	n.s.s.	0/30	.600mg	3/29	2.40mg	3/30			
a	1935o	9.10mg	n.s.s.	0/30	.600mg	0/29	2.40mg	1/30			
b	1935o	9.10mg	n.s.s.	0/30	.600mg	0/29	2.40mg	1/30			
c	1935o	2.69mg	n.s.s.	7/30	.600mg	1/29	(2.40mg)	1/30			
d	1935o	2.67mg	n.s.s.	1/30	.600mg	0/29	2.40mg	0/30			
554	2003	n.s.s.	n.s.s.	0/15	1.22mg	-/-	3.03mg	-/-			Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.
555	2003	.441mg	73.8mg	0/37	1.29mg	1/7	3.00mg	1/5			
a	2003	.446mg	n.s.s.	0/31	1.29mg	1/5	3.00mg	-/-			
b	2003	1.11mg	n.s.s.	0/37	1.29mg	1/7	3.00mg	0/2			
c	2003	.687mg	n.s.s.	6/108	1.29mg	3/9	3.00mg	1/9			
d	2003	.740mg	n.s.s.	4/108	1.29mg	2/9	3.00mg	1/9			
e	2003	1.45mg	n.s.s.	3/74	1.29mg	1/8	3.00mg	0/9			
556	1695	3.04mg	n.s.s.	0/12	7.50mg	3/25					Frankel;txap,17,462-480;1970
a	1695	9.66mg	n.s.s.	0/12	7.50mg	0/25					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
AZELNIDIPINE 123524-52-7											
557	2591	51.5mg	n.s.s.	3/50	2.14mg	0/50	7.14mg	1/50	21.4mg	4/50	Takaoka;jjpt,25,S1113-S1126;1997/pers.comm.
a	2591	66.9mg	n.s.s.	2/50	2.14mg	3/50	7.14mg	2/50	21.4mg	2/50	
b	2591	162.mg	n.s.s.	4/50	2.14mg	2/50	7.14mg	0/50	21.4mg	0/50	
c	2591	96.5mg	n.s.s.	2/50	2.14mg	3/50	7.14mg	1/50	21.4mg	1/50	
d	2591	25.0mg	n.s.s.	25/50	2.14mg	18/50	7.14mg	24/50	21.4mg	19/50	
558	2591	24.5mg	n.s.s.	3/50	2.14mg	4/50	7.14mg	4/50	21.4mg	9/50	
a	2591	46.3mg	n.s.s.	1/50	2.14mg	2/50	7.14mg	2/50	21.4mg	3/50	
b	2591	31.9mg	n.s.s.	14/50	2.14mg	15/50	7.14mg	16/50	21.4mg	12/50	
c	2591	39.9mg	n.s.s.	14/50	2.14mg	8/50	7.14mg	12/50	21.4mg	9/50	
d	2591	11.9mg	n.s.s.	25/50	2.14mg	27/50	7.14mg	30/50	21.4mg	28/50	
559	2591	36.1mg	n.s.s.	2/50	7.14mg	2/50					
a	2591	73.6mg	n.s.s.	1/50	7.14mg	0/50					
b	2591	6.85mg	n.s.s.	37/50	7.14mg	35/50					
560	2591	25.9mg	n.s.s.	1/50	7.14mg	3/50					
a	2591	32.4mg	n.s.s.	1/50	7.14mg	2/50					
b	2591	2.19mg	n.s.s.	50/50	7.14mg	48/50					
AZIDE, SODIUM 26628-22-8											
561	TR389	3.58mg	n.s.s.	53/60	3.53mg	54/60	7.06mg	39/60			
a	TR389	64.7mg	n.s.s.	1/60	3.53mg	0/60	7.06mg	0/60			liv:hpa,hpc,nnd.
562	TR389	1.68mg	n.s.s.	52/60	3.53mg	51/60	7.06mg	44/60			tes:iab,ica. S
a	TR389	2.23mg	n.s.s.	56/60	3.53mg	55/60	7.06mg	36/60			
b	TR389	20.4mg	n.s.s.	3/60	3.53mg	3/60	7.06mg	0/60			liv:hpa,hpc,nnd.
563	1112	1.45mg	19.1mg	3/16	3.75mg	17/26	(7.50mg)	10/26)			Weisburger;jnci,67,75-88;1981
a	1112	3.92mg	n.s.s.	6/16	3.75mg	19/26	7.50mg	14/26			
564	1112	13.5mg	n.s.s.	3/16	3.00mg	6/26	6.00mg	3/26			
AZINPHOSMETHYL (gusathion) 86-50-0											
565	TR69	18.2mg	n.s.s.	5/10	7.02mg	10/50	14.3mg	17/50			
a	TR69	96.3mg	n.s.s.	1/10	7.02mg	0/50	14.3mg	1/50			liv:hpa,hpc,nnd.
b	TR69	40.6mg	n.s.s.	0/10	7.02mg	1/50	14.3mg	3/50			lun:a/a,a/c. S
566	TR69	7.82mg	169.mg	0/10	3.24mg	3/50	6.48mg	12/50			
a	TR69	4.69mg	n.s.s.	4/10	3.24mg	23/50	6.48mg	23/50			
b	TR69	5.18mg	n.s.s.	2/10	3.24mg	11/50	6.48mg	19/50			liv:hpa,hpc,nnd.
c	TR69	16.8mg	n.s.s.	2/10	3.24mg	8/50	6.48mg	4/50			lun:a/a,a/c. S
567	TR69	2.58mg	n.s.s.	7/10	2.17mg	37/49	4.34mg	26/50			
a	TR69	12.0mg	n.s.s.	2/10	2.17mg	2/49	4.34mg	5/50			liv:hpa,hpc,nnd.
568	TR69	3.14mg	20.4mg	0/105p	2.17mg	8/49	(4.34mg)	1/50)			S
a	TR69	7.20mg	123.mg	1/105p	2.17mg	6/49	4.34mg	4/50			thy:adn,cyn. S
b	TR69	6.72mg	n.s.s.	5/105p	2.17mg	4/49	4.34mg	8/50			S
569	TR69	9.81mg	n.s.s.	0/10	2.18mg	1/50	4.35mg	6/50			pni:isa,isc.
a	TR69	1.68mg	n.s.s.	7/10	2.18mg	40/50	4.35mg	41/50			
b	TR69	10.5mg	n.s.s.	1/10	2.18mg	3/50	4.35mg	5/50			liv:hpa,hpc,nnd.
570	TR69	1.77mg	90.0mg	15/105p	2.18mg	21/50	(4.35mg)	13/50)			S
a	TR69	1.77mg	90.0mg	15/105p	2.18mg	21/50	(4.35mg)	15/50)			pit:cra,crc. S
b	TR69	3.69mg	11.0mg	0/105p	2.18mg	10/50	4.35mg	13/50			thy:acn,cyn,pcn. S
c	TR69	3.98mg	44.0mg	8/105p	2.18mg	14/50	4.35mg	14/50			S
d	TR69	4.92mg	143.mg	7/105p	2.18mg	10/50	4.35mg	12/50			thy:adn,cyn,fca. S
e	TR69	6.93mg	183.mg	4/105p	2.18mg	4/50	4.35mg	10/50			adr:acn,coa. S
f	TR69	3.32mg	n.s.s.	20/105p	2.18mg	21/50	4.35mg	20/50			pit:adn,cra,crc,cyn. S
g	TR69	9.63mg	n.s.s.	1/105p	2.18mg	3/50	4.35mg	5/50			S
h	TR69	11.3mg	n.s.s.	2/105p	2.18mg	1/50	4.35mg	6/50			pni:isa,isc. S
i	TR69	15.3mg	n.s.s.	0/105p	2.18mg	1/50	4.35mg	3/50			S

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
AZOBIENZENE 103-33-3										
571	TR154	78.4mg	n.s.s.	9/20	27.0mg	20/50	70.8mg	12/50		
a	TR154	247. mg	n.s.s.	0/20	27.0mg	2/50	70.8mg	0/50	liv:hpa,hpc,nnd.	
b	TR154	232. mg	n.s.s.	2/20	27.0mg	2/50	70.8mg	2/50	lun:a/a,a/c.	
572	1104	7.70mg	n.s.s.	0/16	7.84mg	1/17			Innes;ntis,1968/1969	
a	1104	14.7mg	n.s.s.	0/16	7.84mg	0/17				
b	1104	7.70mg	n.s.s.	0/16	7.84mg	1/17				
573	TR154	34.6mg	n.s.s.	13/20	24.0mg	25/50	(48.0mg	20/50)		
a	TR154	43.6mg	n.s.s.	8/20	24.0mg	16/50	(48.0mg	2/50)	liv:hpa,hpc,nnd.	
b	TR154	287. mg	n.s.s.	2/20	24.0mg	4/50	48.0mg	1/50	lun:a/a,a/c.	
574	1104	1.78mg	11.1mg	0/16	7.30mg	9/18			Innes;ntis,1968/1969	
a	1104	2.02mg	14.9mg	0/16	7.30mg	8/18				
b	1104	14.5mg	n.s.s.	0/16	7.30mg	0/18				
c	1104	1.78mg	11.1mg	0/16	7.30mg	9/18				
575	1104	5.76mg	n.s.s.	1/17	7.84mg	2/16				
a	1104	13.8mg	n.s.s.	0/17	7.84mg	0/16				
b	1104	6.39mg	n.s.s.	2/17	7.84mg	2/16				
576	1104	6.12mg	n.s.s.	1/18	7.30mg	2/18				
a	1104	9.58mg	n.s.s.	2/18	7.30mg	1/18				
b	1104	5.74mg	n.s.s.	3/18	7.30mg	3/18				
577	TR154	19.8mg	69.9mg	0/20	10.0mg	5/50	20.0mg	19/50	jej:srn; mul:sar; spc:fbs; spl:hpm,ost,sar.	
a	TR154	19.8mg	69.9mg	0/20	10.0mg	5/50	20.0mg	19/50	jej:srn; mul:sar; spc:fbs; spl:fbs,hpm,ost,sar.	C
b	TR154	42.7mg	1.39gm	0/20	10.0mg	1/50	20.0mg	8/50		
c	TR154	46.2mg	n.s.s.	0/20	10.0mg	1/50	20.0mg	7/50		
d	TR154	13.0mg	n.s.s.	10/20	10.0mg	32/50	20.0mg	33/50		
e	TR154	83.5mg	n.s.s.	0/20	10.0mg	1/50	20.0mg	2/50	liv:hpa,hpc,nnd.	
578	TR154	11.4mg	39.1mg	0/20	8.00mg	6/50	16.0mg	16/50	abc:hes; liv:hes; mey:srn; mul:msm; spl:npm,sar.	
a	TR154	11.4mg	39.1mg	0/20	8.00mg	6/50	16.0mg	16/50	abc:hes; liv:hes; mey:srn; mul:msm; spl:fbs,npm,sar.	C
b	TR154	22.9mg	110. mg	0/20	8.00mg	0/50	16.0mg	13/50		S
c	TR154	20.8mg	121. mg	0/20	8.00mg	2/50	16.0mg	7/50		
d	TR154	6.61mg	37.1mg	10/20	8.00mg	19/50	16.0mg	43/50		
e	TR154	41.4mg	n.s.s.	0/20	8.00mg	1/50	16.0mg	3/50	liv:hpa,hpc,nnd.	
AZOXYMETHANE (Z-methyl-O,N,N-azoxymethane) 25843-45-2										
579	1641	14.6ug	73.4ug	2/20	85.3ug	17/20	(.361mg	16/20)	Lijinsky;clet,24,273-280;1984/1985a	
a	1641	33.1ug	.168mg	0/20	85.3ug	11/20	(.361mg	13/20)		
b	1641	.192mg	.957mg	0/20	85.3ug	0/20	.361mg	11/20		
c	1641	.263mg	1.73mg	0/20	85.3ug	0/20	.361mg	8/20		
d	1641	.354mg	n.s.s.	0/20	85.3ug	3/20	.361mg	3/20		
e	1641	.465mg	n.s.s.	2/20	85.3ug	5/20	.361mg	3/20		
f	1641	n.s.s.	n.s.s.	20/20	85.3ug	20/20	.361mg	20/20		
580	1864	48.5ug	.249mg	0/19	.527mg	12/16			Lijinsky;canr,47,3968-3972;1987/pers.comm.	
a	1864	77.9ug	.474mg	0/19	.527mg	9/16				
b	1864	90.0ug	.610mg	0/19	.527mg	8/16				
c	1864	.121mg	1.26mg	0/19	.527mg	6/16				
d	1864	.679mg	n.s.s.	0/19	.527mg	0/16				
1-AZOXYPROPANE 17697-55-1										
581	1837	n.s.s.	241. ng	1/29	1.40ug	29/29			Fiala;carc,8,1947-1949;1987/pers.comm.	
a	1837	214. ng	751. ng	1/29	1.40ug	22/29				
b	1837	330. ng	1.22ug	0/29	1.40ug	17/29				
c	1837	390. ng	1.55ug	0/29	1.40ug	15/29				
d	1837	1.81ug	n.s.s.	0/29	1.40ug	2/29				
e	1837	1.81ug	n.s.s.	0/29	1.40ug	2/29				
f	1837	2.77ug	n.s.s.	1/29	1.40ug	1/29				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
2-AZOXYPROPANE 17697-53-9											
582	1837	971.ng	n.s.s.	1/29	1.40ug	6/29				Fiala;carc,8,1947-1949;1987/pers.comm.	
a	1837	1.81ug	n.s.s.	0/29	1.40ug	2/29					
b	1837	2.77ug	n.s.s.	1/29	1.40ug	1/29					
AZT (3'-azido-3'-deoxythymidine, ZDV, zidovudine) 30516-87-1											
583	TR469	116.mg	445.mg	0/50	21.4mg	0/50	42.9mg	5/50	85.7mg	11/50	vag: sqc, sqp.
a	TR469	132.mg	577.mg	0/50	21.4mg	0/50	42.9mg	5/50	85.7mg	9/50	
b	TR469	46.2mg	n.s.s.	41/50	21.4mg	42/50	42.9mg	41/50	85.7mg	43/50	
c	TR469	49.2mg	n.s.s.	27/50	21.4mg	29/50	42.9mg	23/50	85.7mg	36/50	liv:hpa, hpb, hpc.
d	TR469	147.mg	n.s.s.	6/50	21.4mg	8/50	42.9mg	2/50	85.7mg	11/50	lun:a/a, a/c.
584	TR469	321.mg	n.s.s.	0/50	21.4mg	0/50	42.9mg	0/50	85.7mg	4/50	kid: rua, ruc.
a	TR469	378.mg	n.s.s.	0/50	21.4mg	0/50	42.9mg	0/50	85.7mg	3/50	S
b	TR469	159.mg	n.s.s.	3/50	21.4mg	5/50	42.9mg	2/50	85.7mg	10/50	hag: ade, car.
c	TR469	64.1mg	n.s.s.	43/50	21.4mg	49/50	42.9mg	45/50	85.7mg	50/50	
d	TR469	87.5mg	n.s.s.	36/50	21.4mg	39/50	42.9mg	36/50	85.7mg	39/50	liv:hpa, hpb, hpc.
e	TR469	209.mg	n.s.s.	14/50	21.4mg	9/50	42.9mg	14/50	85.7mg	11/50	lun:a/a, a/c.
585	TR469	321.mg	n.s.s.	0/50	21.4mg	0/50	42.9mg	0/50	85.7mg	4/50	kid: rua, ruc.
586	2299	219.mg	3.30gm	0/60	21.4mg	0/60	34.1mg	1/60	50.9mg	6/60	Ayers;faat,32,148-158;1996/pers.comm.
a	2299	272.mg	n.s.s.	0/60	21.4mg	0/60	34.1mg	0/60	50.9mg	5/60	
b	2299	41.2mg	n.s.s.	25/60	50.9mg	32/60					
587	2299	99.3mg	n.s.s.	19/60	52.7mg	15/60					
588	2299	2.86gm	n.s.s.	0/60	80.0mg	0/60	220.mg	0/60	384.mg	2/60	
a	2299	208.mg	n.s.s.	56/60	384.mg	53/60					
589	2299	442.mg	n.s.s.	51/60	377.mg	45/60					
BARBITAL, SODIUM 144-02-5											
590	2228	58.2mg	n.s.s.	0/16	28.6mg	0/19					Diwan;txap,132,115-121;1995/pers.comm.
591	1942	35.9mg	n.s.s.	0/15	40.0mg	0/15					Diwan;txap,98,269-277;1989
592	1993m	41.2mg	n.s.s.	0/5	160.mg	0/5					Konishi;carc,11,2149-2156;1990/pers.comm.
593	1993n	52.4mg	266.mg	0/24	160.mg	11/28					
a	1993n	118.mg	n.s.s.	0/24	160.mg	4/28					
594	2085	203.mg	n.s.s.	1/23	160.mg	4/23					Kurata;fctx,30,251-259;1992/pers.comm.
a	2085	246.mg	n.s.s.	1/23	160.mg	3/23					
b	2085	386.mg	n.s.s.	0/23	160.mg	1/23					
595	2228	10.6mg	n.s.s.	1/20	25.0mg	6/20					Diwan;txap,132,115-121;1995/pers.comm.
a	2228	16.6mg	n.s.s.	0/20	25.0mg	3/20					
b	2228	14.7mg	n.s.s.	1/20	25.0mg	4/20					
c	2228	22.8mg	n.s.s.	1/20	25.0mg	2/20					
BARBITURIC ACID 67-52-7											
596	1690	32.1mg	n.s.s.	0/13	25.0mg	0/13					Diwan;jnci,74,509-516;1985
BIARIUM ACETATE 543-80-6											
597	1395	1.34mg	n.s.s.	3/47	1.00mg	5/21					Schroeder;jnut,105,452-458;1975
a	1395	2.63mg	n.s.s.	9/47	1.00mg	3/21					
b	1395	1.65mg	n.s.s.	4/47	1.00mg	4/21					
c	1395	2.10mg	n.s.s.	14/47	1.00mg	5/21					
598	1395	3.28mg	n.s.s.	5/38	.833mg	4/37					
a	1395	1.53mg	n.s.s.	11/38	.833mg	12/37					
b	1395	1.88mg	n.s.s.	2/38	.833mg	6/37					
599	1456	1.14mg	n.s.s.	17/24	.286mg	15/33					Schroeder;jnut,105,421-427;1975
a	1456	1.18mg	n.s.s.	8/24	.286mg	9/33					
600	1456	.738mg	n.s.s.	4/26	.250mg	8/30					
a	1456	.844mg	n.s.s.	2/26	.250mg	6/30					

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
BARIUM CHLORIDE DIHYDRATE 10326-27-9											
601	TR432	227.mg	n.s.s.	34/50	98.9mg	32/53	247.mg	39/50	495.mg	17/54	
a	TR432	483.mg	n.s.s.	16/50	98.9mg	14/53	247.mg	19/50	495.mg	6/54	liv:hpa,hpb,hpc.
b	TR432	1.07gm	n.s.s.	3/50	98.9mg	3/53	247.mg	5/50	495.mg	1/54	lun:a/a,a/c.
602	TR432	1.31gm	524.gm	0/51	82.4mg	0/50	207.mg	2/49	414.mg	3/50	S
a	TR432	506.mg	n.s.s.	45/51	82.4mg	33/50	207.mg	32/49	414.mg	26/50	
b	TR432	1.06gm	n.s.s.	27/51	82.4mg	24/50	207.mg	18/49	414.mg	11/50	liv:hpa,hpb,hpc.
c	TR432	1.03gm	n.s.s.	15/51	82.4mg	10/50	207.mg	8/49	414.mg	9/50	lun:a/a,a/c.
603	TR432	110.mg	n.s.s.	48/50	28.2mg	44/50	70.7mg	44/50	142.mg	45/50	
a	TR432	1.11gm	n.s.s.	0/50	28.2mg	1/50	70.7mg	0/50	142.mg	0/50	liv:hpa,hpb,hpc.
604	TR432	140.mg	n.s.s.	47/50	24.9mg	46/50	62.3mg	43/50	125.mg	43/50	
a	TR432	n.s.s.	n.s.s.	0/50	24.9mg	0/50	62.3mg	0/50	125.mg	0/50	liv:hpa,hpb,hpc.
BEMITRADINE (8-(2-ethoxyethyl)-phenyl-1,2,4-triazolo[4,3-c]pyrimidine-5 amine) 88133-11-3											
605	2103	171.mg	832.mg	9/120	46.2mg	9/60	139.mg	20/60	(416.mg	18/59)	Gad;japt,12,157-164;1992/pers.comm.
a	2103	417.mg	1.10gm	2/120	46.2mg	1/60	139.mg	6/60	416.mg	26/59	
b	2103	340.mg	3.32gm	33/120	46.2mg	20/60	139.mg	24/60	416.mg	31/59	
c	2103	535.mg	n.s.s.	48/120	46.2mg	36/60	139.mg	29/60	416.mg	29/59	
606	2103	894.mg	n.s.s.	16/120	46.2mg	7/60	139.mg	7/60	416.mg	14/60	
a	2103	1.47gm	n.s.s.	1/120	46.2mg	3/60	139.mg	1/60	416.mg	5/60	
BENZALAZINE (2-hydroxy-5-[(4-carboxyphenyl)azo]benzoic acid) 64896-26-0											
607	2198	467.mg	n.s.s.	36/50	100.mg	33/50	300.mg	48/50	1.63gm	44/50	Herzog;arzn,44,1371-1381;1994
a	2198	983.mg	n.s.s.	1/50	100.mg	0/50	300.mg	6/50	(1.63gm	5/50)	
b	2198	782.mg	n.s.s.	2/50	100.mg	0/50	300.mg	0/50	1.63gm	0/50	
c	2198	9.92gm	n.s.s.	8/50	100.mg	3/50	300.mg	6/50	1.63gm	3/50	
608	2198	6.27gm	n.s.s.	1/50	100.mg	0/50	300.mg	3/50	1.65gm	4/50	
a	2198	3.91gm	n.s.s.	5/50	100.mg	5/50	300.mg	9/50	1.65gm	10/50	
b	2198	3.63gm	n.s.s.	6/50	100.mg	13/50	300.mg	10/50	1.65gm	13/50	
c	2198	7.85gm	n.s.s.	1/50	100.mg	1/50	300.mg	2/50	1.65gm	3/50	
609	2198	2.77gm	n.s.s.	0/50	300.mg	0/50	900.mg	0/50	2.31gm	0/50	
610	2198	6.65gm	270.gm	4/50	300.mg	1/50	900.mg	1/49	2.31gm	11/50	
a	2198	32.1gm	n.s.s.	0/50	300.mg	1/50	900.mg	0/50	2.31gm	0/50	
b	2198	36.3gm	n.s.s.	3/50	300.mg	1/50	900.mg	1/50	2.31gm	0/50	
BENZALDEHYDE 100-52-7											
611	TR378	653.mg	20.8gm	0/49	210.mg	5/49	420.mg	6/50			
a	TR378	528.mg	n.s.s.	28/49	210.mg	23/49	420.mg	27/50			
b	TR378	881.mg	n.s.s.	2/49	210.mg	4/49	420.mg	5/50			liv:hpa,hpc,ndd.
c	TR378	2.33gm	n.s.s.	0/49	210.mg	1/49	420.mg	0/50			lun:a/a,a/c.
612	TR378	617.mg	n.s.s.	1/50	140.mg	2/50	280.mg	5/50			
a	TR378	198.mg	n.s.s.	36/50	140.mg	26/50	280.mg	40/50			
b	TR378	380.mg	n.s.s.	19/50	140.mg	12/50	280.mg	20/50			liv:hpa,hpc,ndd.
c	TR378	867.mg	n.s.s.	8/50	140.mg	4/50	280.mg	6/50			lun:a/a,a/c.
613	TR378	51.9mg	491.mg	46/50	140.mg	48/50	(280.mg	43/50)			
a	TR378	1.81gm	n.s.s.	5/50	140.mg	0/50	280.mg	1/50			liv:hpa,hpc,ndd.
614	TR378	39.6mg	181.mg	46/50	140.mg	47/50	(280.mg	31/50)			tes:iab,ica. S
a	TR378	91.3mg	882.mg	15/50	140.mg	22/50	(280.mg	11/50)			S
b	TR378	117.mg	456.mg	19/50	140.mg	23/50	280.mg	19/50			amd:pbb,phm,pob. S
c	TR378	141.mg	668.mg	10/50	140.mg	17/50	280.mg	16/50			S
d	TR378	240.mg	1.65gm	5/50	140.mg	10/50	280.mg	8/50			thy:cca,ccr. S
e	TR378	260.mg	1.18gm	4/50	140.mg	8/50	280.mg	7/50			S
f	TR378	354.mg	2.36gm	3/50	140.mg	2/50	280.mg	7/50			S
g	TR378	632.mg	55.0gm	1/50	140.mg	0/50	280.mg	4/50			S
h	TR378	382.mg	n.s.s.	2/50	140.mg	5/50	280.mg	5/50			S
i	TR378	390.mg	n.s.s.	2/50	140.mg	6/50	280.mg	7/50			pre:ade,car. S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
j	TR378	458.mg	n.s.s.	0/50	140.mg	5/50	280.mg	2/50			S
k	TR378	735.mg	n.s.s.	0/50	140.mg	1/50	280.mg	3/50			S
l	TR378	67.0mg	241.mg	44/50	140.mg	45/50	280.mg	41/50			
m	TR378	969.mg	n.s.s.	2/50	140.mg	1/50	280.mg	1/50		liv:hpa,hpc,nnd.	
BENZENE 71-43-2											
615	TR289	14.9mg	50.7mg	17/50	17.7mg	28/50	35.4mg	41/50	70.7mg	42/50	lun:a/a,a/c; mgl:can,cas,sgc; mul:mlh,mlm,mlp,mlu,mno; ova:gct,lut,mtb,pcy,tua; spl:mlm,mlu,mno; ute:mlh; zym:sgc. M
a	TR289	15.3mg	54.6mg	17/50	17.7mg	28/50	35.4mg	40/50	70.7mg	41/50	lun:a/a,a/c; mgl:can,cas,sgc; mul:mlh,mlm,mlp,mlu,mno; ova:gct,mtb; spl:mlm,mlu,mno; ute:mlh; zym:sgc. C
b	TR289	15.9mg	880.mg	1/50	17.7mg	8/50	(35.4mg	5/50	70.7mg	4/50)	S
c	TR289	26.3mg	2.27gm	4/50	17.7mg	12/50	35.4mg	13/50	(70.7mg	7/50)	liv:hpa,hpc. S
d	TR289	34.6mg	156.mg	0/50	17.7mg	1/50	35.4mg	12/50	(70.7mg	7/50)	
e	TR289	44.0mg	354.mg	4/50	17.7mg	5/50	35.4mg	10/50	70.7mg	13/50	lun:a/a,a/c.
f	TR289	63.4mg	390.mg	0/50	17.7mg	3/50	35.4mg	6/50	70.7mg	6/50	
g	TR289	63.8mg	374.mg	0/50	17.7mg	2/50	35.4mg	7/50	70.7mg	5/50	ova:lut,pcy,tua. P
h	TR289	73.1mg	294.mg	0/50	17.7mg	2/50	35.4mg	5/50	70.7mg	10/50	mgl:can,sgc.
i	TR289	74.0mg	571.mg	1/50	17.7mg	1/50	35.4mg	6/50	70.7mg	8/50	ova:gcc,gct. S
j	TR289	77.1mg	793.mg	1/50	17.7mg	1/50	35.4mg	6/50	70.7mg	7/50	
k	TR289	120.mg	3.25gm	0/50	17.7mg	0/50	35.4mg	3/50	70.7mg	3/50	
l	TR289	143.mg	3.12gm	0/50	17.7mg	0/50	35.4mg	1/50	70.7mg	4/50	
m	TR289	174.mg	5.94gm	0/50	17.7mg	0/50	35.4mg	0/50	70.7mg	4/50	S
n	TR289	34.3mg	n.s.s.	15/50	17.7mg	25/50	35.4mg	26/50	70.7mg	22/50	mul:lkn,mlh,mlm,mlp,mlu,mno,ule; spl:mlm,mlu,mno; ute:mlh. S
o	TR289	37.2mg	n.s.s.	15/50	17.7mg	24/50	35.4mg	24/50	70.7mg	20/50	mul:mlh,mlm,mlp,mlu,mno; spl:mlm,mlu,mno; ute:mlh. S
p	TR289	57.4mg	n.s.s.	5/50	17.7mg	6/50	35.4mg	10/50	70.7mg	10/50	hag:adn,can. S
q	TR289	72.8mg	n.s.s.	4/50	17.7mg	2/50	35.4mg	5/50	70.7mg	9/50	
r	TR289	77.4mg	n.s.s.	1/50	17.7mg	3/50	35.4mg	6/50	70.7mg	5/50	cst:sgp; sto:sgp. S
s	TR289	106.mg	n.s.s.	0/50	17.7mg	2/50	35.4mg	3/50	70.7mg	2/50	
t	TR289	146.mg	n.s.s.	0/50	17.7mg	0/50	35.4mg	1/50	70.7mg	3/50	
u	TR289	174.mg	n.s.s.	0/50	17.7mg	0/50	35.4mg	2/50	70.7mg	1/50	
v	TR289	16.1mg	158.mg	36/50	17.7mg	40/50	35.4mg	48/50	70.7mg	48/50	
w	TR289	26.3mg	2.27gm	4/50	17.7mg	12/50	35.4mg	13/50	(70.7mg	7/50)	liv:hpa,hpc,nnd.
x	TR289	44.0mg	354.mg	4/50	17.7mg	5/50	35.4mg	10/50	70.7mg	13/50	lun:a/a,a/c.
616	TR289	10.1mg	26.0mg	13/50	17.7mg	28/50	35.4mg	35/50	71.4mg	42/50	hag:adn; lun:a/a,a/c; mul:mlh,mlm,mlp,mlu,mno; pre:sgc; spl:mlh,mno; zym:sgc. C
a	TR289	15.1mg	32.6mg	0/50	17.7mg	5/50	35.4mg	19/50	71.4mg	31/50	pre:can,sgc. S
b	TR289	17.3mg	38.9mg	0/50	17.7mg	3/50	35.4mg	18/50	71.4mg	28/50	
c	TR289	24.5mg	79.0mg	1/50	17.7mg	10/50	35.4mg	13/50	71.4mg	14/50	hag:adn,can. S
d	TR289	25.7mg	73.0mg	0/50	17.7mg	9/50	35.4mg	13/50	71.4mg	11/50	
e	TR289	24.1mg	121.mg	10/50	17.7mg	16/50	35.4mg	19/50	71.4mg	21/50	lun:a/a,a/c.
f	TR289	28.4mg	141.mg	4/50	17.7mg	10/50	35.4mg	10/50	71.4mg	15/50	mul:lkn,mlh,mlm,mlp,mlu,mno; spl:mlh,mno. S
g	TR289	28.8mg	141.mg	4/50	17.7mg	9/50	35.4mg	9/50	71.4mg	15/50	mul:mlh,mlm,mlp,mlu,mno; spl:mlh,mno.
h	TR289	33.8mg	101.mg	0/50	17.7mg	1/50	35.4mg	4/50	71.4mg	21/50	
i	TR289	31.8mg	214.mg	5/50	17.7mg	11/50	35.4mg	12/50	71.4mg	14/50	
j	TR289	48.7mg	900.mg	6/50	17.7mg	6/50	35.4mg	8/50	71.4mg	12/50	S
k	TR289	47.9mg	14.1gm	1/50	17.7mg	1/50	35.4mg	7/50	(71.4mg	1/50)	S
l	TR289	94.4mg	1.96gm	0/50	17.7mg	0/50	35.4mg	2/50	71.4mg	3/50	ski:sgc,squ. S
m	TR289	98.0mg	2.24gm	0/50	17.7mg	0/50	35.4mg	3/50	71.4mg	3/50	mul:mlh; spl:mlh.
n	TR289	66.5mg	n.s.s.	2/50	17.7mg	2/50	35.4mg	3/50	71.4mg	5/50	cst:sgc,sgp; sto:sgc. S
o	TR289	80.3mg	n.s.s.	2/50	17.7mg	1/50	35.4mg	2/50	71.4mg	5/50	S
p	TR289	10.4mg	38.6mg	33/50	17.7mg	40/50	35.4mg	48/50	71.4mg	46/50	
q	TR289	35.1mg	n.s.s.	15/50	17.7mg	17/50	35.4mg	22/50	71.4mg	11/50	liv:hpa,hpc,nnd.
r	TR289	24.1mg	121.mg	10/50	17.7mg	16/50	35.4mg	19/50	71.4mg	21/50	lun:a/a,a/c.
617	1048	32.4mg	n.s.s.	24/50	83.7mg	29/49					Snyder;txap,54,323-331;1980

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
618	1048	190.mg	2.81gm	0/40	251.mg	6/40						
a	1048	167.mg	n.s.s.	2/40	251.mg	8/40						
b	1048	212.mg	n.s.s.	2/40	251.mg	6/40						
619	BT908	154.mg	655.mg	2/40	241.mg	19/40					Maltoni;anya,534,412-426;1988	
a	BT908	214.mg	3.43gm	4/40	241.mg	15/40						
b	BT908	414.mg	6.13gm	0/40	241.mg	6/40						
c	BT908	362.mg	n.s.s.	4/40	241.mg	9/40						
d	BT908	1.06gm	n.s.s.	0/40	241.mg	1/40						
e	BT908	1.99gm	n.s.s.	0/40	241.mg	0/40						
f	BT908	77.1mg	523.mg	16/40	241.mg	32/40						
g	BT908	99.1mg	589.mg	11/40	241.mg	28/40						
620	BT908	193.mg	1.39gm	3/40	241.mg	16/40						
a	BT908	330.mg	n.s.s.	2/40	241.mg	9/40						
b	BT908	436.mg	n.s.s.	1/40	241.mg	6/40						
c	BT908	541.mg	n.s.s.	0/40	241.mg	4/40						
d	BT908	756.mg	n.s.s.	2/40	241.mg	3/40						
e	BT908	1.06gm	n.s.s.	0/40	241.mg	1/40						
f	BT908	149.mg	n.s.s.	15/40	241.mg	24/40						
g	BT908	279.mg	n.s.s.	9/40	241.mg	14/40						
621	TR289	37.2mg	96.2mg	1/50	17.7mg	10/50	35.4mg	16/50	70.7mg	21/50	cst:sqp; lpp:sqp; pal:scq,sqp; ton:scq,sqp; zym:can.C	
a	TR289	60.8mg	179.mg	0/50	17.7mg	5/50	35.4mg	6/50	70.7mg	15/50	zym:adn,can.S	
b	TR289	66.3mg	207.mg	0/50	17.7mg	5/50	35.4mg	5/50	70.7mg	14/50		
c	TR289	65.7mg	333.mg	1/50	17.7mg	5/50	35.4mg	12/50	70.7mg	9/50	cst:sqp; lpp:sqp; pal:scq,sqp; ton:scq,sqp.	
d	TR289	73.3mg	4.18gm	7/50	17.7mg	7/50	35.4mg	7/50	70.7mg	14/50		S
e	TR289	90.9mg	13.1gm	1/50	17.7mg	4/50	35.4mg	8/50	70.7mg	5/50	cst:sqp; lpp:sqp; pal:scq; ton:scq.	
f	TR289	141.mg	1.14gm	0/50	17.7mg	1/50	35.4mg	4/50	70.7mg	5/50	pal:scq; ton:scq.	
g	TR289	143.mg	1.56gm	0/50	17.7mg	1/50	35.4mg	5/50	70.7mg	4/50	ton:scq,sqp.	
h	TR289	166.mg	1.76gm	0/50	17.7mg	0/50	35.4mg	4/50	70.7mg	4/50		
i	TR289	118.mg	n.s.s.	1/50	17.7mg	4/50	35.4mg	5/50	70.7mg	4/50	pal:scq,sqp.	
j	TR289	157.mg	n.s.s.	0/50	17.7mg	2/50	35.4mg	3/50	70.7mg	2/50	cvu:adq; utm:acn,can.S	
k	TR289	23.3mg	567.mg	38/50	17.7mg	39/50	35.4mg	41/50	70.7mg	42/50		
l	TR289	238.mg	n.s.s.	0/50	17.7mg	3/50	35.4mg	1/50	70.7mg	0/50	liv:hpa,hpc,nnd.	
622	TR289	35.9mg	83.8mg	3/50	35.4mg	21/50	70.7mg	27/50	142.mg	37/50	lpp:scq,sqp; pal:scq,sqp; ski:scq,sqp; ton:scq,sqp; zym:can.C	
a	TR289	59.4mg	174.mg	1/50	35.4mg	9/50	70.7mg	16/50	142.mg	19/50	lpp:scq,sqp; pal:scq,sqp; ton:scq,sqp.	
b	TR289	84.2mg	334.mg	1/50	35.4mg	6/50	70.7mg	11/50	142.mg	13/50	lpp:sqp; pal:scq; ton:scq.	
c	TR289	92.8mg	363.mg	2/50	35.4mg	7/50	70.7mg	10/50	142.mg	18/50	zym:adn,can.S	
d	TR289	98.3mg	401.mg	2/50	35.4mg	6/50	70.7mg	10/50	142.mg	17/50		
e	TR289	102.mg	544.mg	1/50	35.4mg	7/50	70.7mg	5/50	142.mg	12/50	ski:adq,scq,sqp,ulc.S	
f	TR289	105.mg	656.mg	1/50	35.4mg	7/50	70.7mg	5/50	142.mg	11/50	ski:adq,scq,sqp.S	
g	TR289	120.mg	519.mg	0/50	35.4mg	2/50	70.7mg	5/50	142.mg	8/50	lpp:scq,sqp.	
h	TR289	135.mg	635.mg	0/50	35.4mg	4/50	70.7mg	5/50	142.mg	9/50	pal:scq,sqp.	
i	TR289	138.mg	668.mg	0/50	35.4mg	4/50	70.7mg	4/50	142.mg	9/50		
j	TR289	143.mg	859.mg	0/50	35.4mg	5/50	70.7mg	3/50	142.mg	8/50		
k	TR289	145.mg	986.mg	0/50	35.4mg	2/50	70.7mg	5/50	142.mg	5/50		
l	TR289	156.mg	977.mg	0/50	35.4mg	3/50	70.7mg	5/50	142.mg	7/50	lpp:scq; pal:scq; ton:scq.	
m	TR289	192.mg	2.56gm	0/50	35.4mg	2/50	70.7mg	1/50	142.mg	5/50		
n	TR289	173.mg	n.s.s.	1/50	35.4mg	3/50	70.7mg	6/50	142.mg	6/50	ton:scq,sqp.	
o	TR289	206.mg	n.s.s.	0/50	35.4mg	3/50	70.7mg	4/50	142.mg	4/50		
p	TR289	349.mg	n.s.s.	0/50	35.4mg	0/50	70.7mg	0/50	142.mg	3/50		
q	TR289	33.7mg	799.mg	39/50	35.4mg	44/50	70.7mg	45/50	142.mg	47/50		
r	TR289	261.mg	n.s.s.	2/50	35.4mg	2/50	70.7mg	5/50	142.mg	1/50	liv:hpa,hpc,nnd.	
623	BT4004	291.mg	n.s.s.	2/60	53.4mg	6/54					Maltoni;ajim,7,415-446;1985	
a	BT4004	496.mg	n.s.s.	0/60	53.4mg	2/54						
b	BT4004	433.mg	n.s.s.	1/60	53.4mg	3/54						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
c	BT4004	663.mg	n.s.s.	0/60	53.4mg	1/54				
d	BT4004	663.mg	n.s.s.	0/60	53.4mg	1/54				
e	BT4004	314.mg	n.s.s.	1/60	53.4mg	5/54				
f	BT4004	181.mg	n.s.s.	9/60	53.4mg	14/54				
624	BT901	108.mg	716.mg	0/30	11.6mg	2/28	58.0mg	8/28	Maltoni;ajim,7,415-446;1985/1979	
a	BT901	232.mg	n.s.s.	0/29	11.6mg	0/24	58.0mg	2/21		
b	BT901	141.mg	n.s.s.	4/30	11.6mg	4/28	58.0mg	7/28		
c	BT901	74.1mg	n.s.s.	0/13	11.6mg	0/30	58.0mg	0/7		
d	BT901	117.mg	n.s.s.	0/30	11.6mg	0/30	58.0mg	0/35		
e	BT901	382.mg	n.s.s.	1/30	11.6mg	2/30	58.0mg	1/29		
f	BT901	39.4mg	237.mg	7/30	11.6mg	10/28	58.0mg	21/29		
625	BT902	242.mg	794.mg	0/49	237.mg	20/39			Maltoni;ajim,7,415-446;1985	
a	BT902	324.mg	1.21gm	0/49	237.mg	16/40				
b	BT902	318.mg	3.25gm	0/24	237.mg	6/19				
c	BT902	655.mg	n.s.s.	0/15	237.mg	1/14				
d	BT902	1.29gm	n.s.s.	0/35	237.mg	1/27				
e	BT902	1.39gm	n.s.s.	0/40	237.mg	1/29				
f	BT902	2.42gm	n.s.s.	1/35	237.mg	0/27				
g	BT902	92.3mg	312.mg	10/49	237.mg	35/40				
h	BT902	152.mg	432.mg	0/50	237.mg	28/40				
626	BT901	175.mg	8.25gm	0/22	11.6mg	0/23	58.0mg	4/24	Maltoni;ajim,7,415-446;1985/1979	
a	BT901	503.mg	n.s.s.	0/30	11.6mg	0/30	58.0mg	1/35		
b	BT901	503.mg	n.s.s.	0/30	11.6mg	0/30	58.0mg	1/35		
c	BT901	84.1mg	n.s.s.	0/22	11.6mg	0/22	58.0mg	0/22		
d	BT901	74.2mg	n.s.s.	0/19	11.6mg	0/20	58.0mg	0/17		
e	BT901	117.mg	n.s.s.	0/30	11.6mg	0/30	58.0mg	0/35		
f	BT901	84.1mg	n.s.s.	0/22	11.6mg	0/22	58.0mg	0/22		
g	BT901	101.mg	1.63gm	1/22	11.6mg	1/23	58.0mg	8/24		
627	BT902	227.mg	727.mg	0/45	237.mg	21/39			Maltoni;ajim,7,415-446;1985	
a	BT902	280.mg	1.07gm	1/45	237.mg	18/39				
b	BT902	424.mg	2.57gm	0/34	237.mg	9/32				
c	BT902	1.07gm	n.s.s.	0/35	237.mg	3/37				
d	BT902	1.10gm	n.s.s.	0/32	237.mg	2/31				
e	BT902	996.mg	n.s.s.	0/44	237.mg	1/21				
f	BT902	523.mg	n.s.s.	3/15	237.mg	3/15				
g	BT902	70.6mg	260.mg	11/45	237.mg	36/39				
h	BT902	134.mg	382.mg	1/50	237.mg	30/40				
628	518	415.mg	n.s.s.	0/27	50.4mg	0/45			Snyder;jtxe,4,605-618;1978	
a	518	415.mg	n.s.s.	0/27	50.4mg	0/45				
629	2305	52.6mg	n.s.s.	0/40	16.7mg	4/40			Snyder;ajim,5,429-434;1984	
a	2305	76.9mg	n.s.s.	0/40	16.7mg	2/40				
b	2305	103.mg	n.s.s.	0/40	16.7mg	1/40				
c	2305	103.mg	n.s.s.	0/40	16.7mg	1/40				
d	2305	27.7mg	n.s.s.	3/40	16.7mg	11/40				
e	2305	35.5mg	n.s.s.	2/40	16.7mg	8/40				
f	2305	67.3mg	n.s.s.	1/40	16.7mg	3/40				
630	BT907	552.mg	8.18gm	0/40	321.mg	6/40			Maltoni;anya,534,412-426;1988	
a	BT907	722.mg	n.s.s.	0/40	321.mg	4/40				
b	BT907	1.42gm	n.s.s.	0/40	321.mg	1/40				
c	BT907	217.mg	n.s.s.	10/40	321.mg	21/40				
d	BT907	408.mg	n.s.s.	34/40	321.mg	27/40				
631	BT907	494.mg	4.73gm	0/40	321.mg	7/40				
a	BT907	1.06gm	n.s.s.	0/40	321.mg	2/40				
b	BT907	1.16gm	n.s.s.	1/40	321.mg	2/40				
c	BT907	238.mg	26.9gm	8/40	321.mg	19/40				
d	BT907	490.mg	n.s.s.	30/40	321.mg	23/40				

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology						Brkly Code			
BENZENEDIAZONIUM SULFATE			6415-38-9														
632	2616	7.26mg	n.s.s.	14/47	5.27mg	26/49		Toth;vivo,13,125-128;1999									
a	2616	10.7mg	n.s.s.	9/47	5.27mg	18/49											
b	2616	14.6mg	n.s.s.	5/47	5.27mg	12/49											
c	2616	99.8mg	n.s.s.	0/50	5.27mg	0/50											
633	2616	5.60mg	n.s.s.	19/49	5.76mg	31/50											
a	2616	6.56mg	n.s.s.	15/49	5.76mg	27/50											
b	2616	28.9mg	n.s.s.	8/49	5.76mg	7/50											
c	2616	40.2mg	n.s.s.	1/11	5.76mg	0/22											
BENZENEDIAZONIUM TETRAFLUOROBORATE			369-57-3														
634	1329	10.8mg	n.s.s.	0/15	1.25mg	0/15	2.50mg	0/15	5.00mg	1/15	Gold;clet,15,289-300;1982						
a	1329	10.8mg	n.s.s.	0/15	1.25mg	0/15	2.50mg	0/15	5.00mg	1/15							
b	1329	11.9mg	n.s.s.	1/15	1.25mg	0/15	2.50mg	0/15	5.00mg	1/15							
c	1329	1.65mg	n.s.s.	0/15	1.25mg	0/15	2.50mg	0/15	5.00mg	0/15							
635	1329	11.9mg	n.s.s.	1/15	1.25mg	0/15	2.50mg	0/15	5.00mg	1/15							
a	1329	1.65mg	n.s.s.	0/15	1.25mg	0/15	2.50mg	0/15	5.00mg	0/15							
BENZENESULPHONOHYDRAZIDE (BSH)			5351-65-5														
636	1060	13.7mg	n.s.s.	1/29	30.1mg	4/24							Cremlyn;fctx,9,319-321;1971				
a	1060	13.7mg	n.s.s.	1/29	30.1mg	4/24											
BENZIDINE			92-87-5														
637	2594	7.02mg	n.s.s.	7/34	120.mg	10/10							Osanai;jsol,52,179-201;1976				
638	598	.786mg	n.s.s.	0/21	.440mg	5/28							Zabezhinskii;bebm,69,72-74;1970				
a	598	1.35mg	n.s.s.	0/21	.440mg	2/28											
b	598	1.83mg	n.s.s.	0/21	.440mg	1/28											
c	598	.610mg	n.s.s.	2/21	.440mg	8/28											
BENZIDINE.2HCL			531-85-1														
639	1563n	15.2mg	25.0mg	10/125	4.00mg	54/119	6.00mg	43/95	8.00mg	31/71	12.0mg	37/72	16.0mg	51/69			
					24.0mg	56/72							Littlefield;jtxe,12,671-685;1983/1984/Nelson pers.comm.				
a	1563n	25.9mg	104.mg	6/121	4.00mg	28/117	6.00mg	16/94	8.00mg	17/71	(12.0mg	10/70	16.0mg	9/67			
					24.0mg	8/68)											
b	1563n	201.mg	3.98gm	3/124	4.00mg	1/114	6.00mg	3/94	8.00mg	2/71	12.0mg	5/70	16.0mg	7/68			
					24.0mg	5/71											
640	1577o	12.3mg	27.5mg	0/45	6.00mg	1/69	12.0mg	2/48	24.0mg	10/41	40.0mg	17/35	80.0mg	13/14	Schieferstein;nctr;1982/Nelson 1982		
a	1577o	17.6mg	80.9mg	1/45	6.00mg	6/69	12.0mg	8/48	24.0mg	6/41	40.0mg	12/35	80.0mg	5/14			
641	1577r	7.42mg	12.6mg	0/50	6.00mg	6/45	12.0mg	19/47	24.0mg	39/48	40.0mg	30/34	80.0mg	25/30			
a	1577r	40.5mg	338.mg	0/50	6.00mg	7/46	12.0mg	4/47	24.0mg	11/50	40.0mg	10/35	80.0mg	7/31			
642	1563n	43.3mg	97.6mg	17/123	5.00mg	20/118	6.67mg	20/95	10.0mg	23/72	13.3mg	24/71	20.0mg	37/71			
					26.7mg	32/71							Littlefield;jtxe,12,671-685;1983/1984/Nelson pers.comm.				
a	1563n	99.0mg	n.s.s.	10/122	5.00mg	19/113	6.67mg	17/92	10.0mg	13/72	13.3mg	13/68	20.0mg	16/69			
					26.7mg	13/66											
643	1577o	35.9mg	414.mg	0/46	5.00mg	2/63	10.0mg	1/44	20.0mg	5/47	33.3mg	2/37	66.7mg	4/21	Schieferstein;nctr;1982/Nelson 1982		
a	1577o	38.4mg	3.64gm	0/46	5.00mg	1/63	10.0mg	3/44	20.0mg	3/47	33.3mg	4/37	66.7mg	2/21			
644	1577r	25.6mg	63.8mg	0/47	5.00mg	1/49	10.0mg	5/45	20.0mg	7/45	33.3mg	8/24	66.7mg	12/22			
a	1577r	65.4mg	n.s.s.	2/49	5.00mg	2/50	10.0mg	2/47	20.0mg	9/46	33.3mg	1/25	66.7mg	3/23			
645	1563m	9.29mg	13.0mg	3/124	4.00mg	51/120	6.00mg	52/95	8.00mg	45/72	12.0mg	55/71	16.0mg	60/69			
					24.0mg	64/72							Littlefield;jtxe,12,671-685;1983/1984/Nelson pers.comm.				
a	1563m	33.3mg	130.mg	5/123	4.00mg	21/118	6.00mg	22/95	8.00mg	20/70	12.0mg	11/68	(16.0mg	12/68			
					24.0mg	8/71)											
b	1563m	163.mg	4.82gm	4/122	4.00mg	5/117	6.00mg	5/95	8.00mg	5/68	12.0mg	4/72	16.0mg	5/71			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
c	TR370	61.8mg	890.0mg	2/50	84.9mg	9/50	(170.0mg	5/50)		for: sqc, sqp.
d	TR370	69.8mg	1.88gm	2/50	84.9mg	8/50	(170.0mg	5/50)		S
e	TR370	98.1mg	449.0mg	2/50	84.9mg	9/50	170.0mg	14/50		lun: a/a, a/c.
f	TR370	122.0mg	565.0mg	1/50	84.9mg	5/50	170.0mg	13/50		S
g	TR370	101.0mg	n. s. s.	1/50	84.9mg	4/50	(170.0mg	1/50)		mul: mlu; spl: mlu.
h	TR370	22.3mg	255.0mg	27/50	84.9mg	35/50	(170.0mg	35/50)		
i	TR370	20.4mg	80.8mg	4/50	84.9mg	25/50	(170.0mg	22/50)		liv: hpa, hpc, nnd.
j	TR370	98.1mg	449.0mg	2/50	84.9mg	9/50	170.0mg	14/50		lun: a/a, a/c.
662	TR370	10.7mg	52.5mg	12/50	42.4mg	31/50	(84.9mg	40/50)		liv: hpa, hpb, hpc.
a	TR370	11.5mg	46.9mg	4/50	42.4mg	24/50	(84.9mg	34/50)		
b	TR370	11.4mg	58.6mg	12/50	42.4mg	30/50	(84.9mg	37/50)		liv: hpa, hpc. S
c	TR370	11.7mg	108.0mg	20/50	42.4mg	32/50	(84.9mg	45/50)		for: sqc, sqp; liv: hpa, hpb, hpc; lun: a/a, a/c. C
d	TR370	60.1mg	191.0mg	0/50	42.4mg	3/50	84.9mg	18/50		
e	TR370	58.7mg	438.0mg	2/50	42.4mg	11/50	84.9mg	13/50		for: sqc, sqp.
f	TR370	55.7mg	1.46gm	9/50	42.4mg	10/50	84.9mg	22/50		liv: hpb, hpc. S
g	TR370	67.8mg	1.08gm	4/50	42.4mg	7/50	84.9mg	15/50		S
h	TR370	74.8mg	2.64gm	2/50	42.4mg	7/50	84.9mg	10/50		S
i	TR370	67.6mg	n. s. s.	10/50	42.4mg	9/50	84.9mg	19/50		lun: a/a, a/c.
j	TR370	163.0mg	n. s. s.	0/50	42.4mg	4/50	84.9mg	3/50		S
k	TR370	272.0mg	n. s. s.	0/50	42.4mg	0/50	84.9mg	3/50		S
l	TR370	25.8mg	n. s. s.	29/50	42.4mg	32/50	84.9mg	45/50		
m	TR370	11.4mg	58.6mg	12/50	42.4mg	30/50	(84.9mg	37/50)		liv: hpa, hpc, nnd.
n	TR370	67.6mg	n. s. s.	10/50	42.4mg	9/50	84.9mg	19/50		lun: a/a, a/c.
663	TR370	42.7mg	939.0mg	1/50	42.4mg	9/50	(84.9mg	3/50)		S
a	TR370	159.0mg	n. s. s.	0/50	42.4mg	2/50	84.9mg	3/50		lun: a/a, a/c. S
b	TR370	161.0mg	n. s. s.	0/50	42.4mg	1/50	84.9mg	4/50		
c	TR370	183.0mg	n. s. s.	0/50	42.4mg	1/50	84.9mg	3/50		S
d	TR370	194.0mg	n. s. s.	0/50	42.4mg	1/50	84.9mg	3/50		S
e	TR370	40.0mg	n. s. s.	46/50	42.4mg	48/50	84.9mg	42/50		
f	TR370	341.0mg	n. s. s.	0/50	42.4mg	0/50	84.9mg	1/50		liv: hpa, hpc, nnd.
664	TR370	3.77mg	68.2mg	42/50	21.2mg	40/50	(42.4mg	41/50)		S
a	TR370	19.5mg	n. s. s.	18/50	21.2mg	16/50	42.4mg	22/50		S
b	TR370	25.4mg	n. s. s.	10/50	21.2mg	13/50	42.4mg	17/50		liv: mnl; mul: mnl. S
c	TR370	60.0mg	n. s. s.	0/50	21.2mg	3/50	42.4mg	2/50		S
d	TR370	77.8mg	n. s. s.	0/50	21.2mg	0/50	42.4mg	3/50		S
e	TR370	103.0mg	n. s. s.	0/50	21.2mg	0/50	42.4mg	3/50		S
f	TR370	10.4mg	n. s. s.	45/50	21.2mg	42/50	42.4mg	46/50		
g	TR370	147.0mg	n. s. s.	1/50	21.2mg	1/50	42.4mg	0/50		liv: hpa, hpc, nnd.
BENZOGUANAMINE 91-76-9										
665	381	503.0mg	n. s. s.	0/20	223.0mg	1/17	446.0mg	1/18	Weisburger; jept, 2, 325-356; 1978/pers. comm./Russfield 1973	
a	381	433.0mg	n. s. s.	6/20	223.0mg	2/17	446.0mg	3/18		
b	381	200.0mg	n. s. s.	17/20	223.0mg	8/17	446.0mg	9/18		
666	381	119.0mg	n. s. s.	5/18	240.0mg	2/13	411.0mg	7/14		
a	381	378.0mg	n. s. s.	3/18	240.0mg	0/13	411.0mg	2/14		
b	381	131.0mg	n. s. s.	12/18	240.0mg	3/13	411.0mg	9/14		
667	381	144.0mg	n. s. s.	1/22	17.1mg	0/20	34.3mg	0/21		
a	381	5.02mg	n. s. s.	14/22	17.1mg	13/20	(34.3mg	9/21)		
BENZOIC ACID 65-85-0										
668	2098	412.0mg	n. s. s.	0/10	800.0mg	0/10			Shibata; carc, 14, 275-280; 1993	
BENZON (2-hydroxy-1,2-diphenylethanone) 119-53-9										
669	TR204	572.0mg	n. s. s.	27/50	322.0mg	35/50	644.0mg	28/50		
a	TR204	1.93gm	n. s. s.	2/50	322.0mg	3/50	644.0mg	4/50		liv: hpa, hpc, nnd.
b	TR204	2.85gm	n. s. s.	6/50	322.0mg	5/50	644.0mg	3/50		lun: a/a, a/c.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code		
670	TR204	451.mg	n.s.s.	31/50	297.mg	27/50	594.mg	32/50					
a	TR204	716.mg	n.s.s.	16/50	297.mg	12/50	594.mg	18/50		liv:hpa,hpc,nnd.			
b	TR204	846.mg	n.s.s.	5/50	297.mg	10/50	594.mg	8/50		lun:a/a,a/c.			
671	TR204	22.3mg	n.s.s.	42/50	12.5mg	41/50	25.0mg	39/50					
a	TR204	n.s.s.	n.s.s.	0/50	12.5mg	0/50	25.0mg	0/50		liv:hpa,hpc,nnd.			
672	TR204	30.5mg	n.s.s.	0/50	5.00mg	0/50	10.0mg	4/50		liv:hpc,nnd. S			
a	TR204	10.3mg	n.s.s.	36/50	5.00mg	32/50	10.0mg	35/50					
b	TR204	30.5mg	n.s.s.	0/50	5.00mg	0/50	10.0mg	4/50		liv:hpa,hpc,nnd.			
1,4-BENZOQUINONE 106-51-4													
673	1944	2.97mg	9.35mg	0/30	22.9mg	22/37				E1-Mofly;nutc,17,97-104;1992/pers.comm.			
a	1944	2.97mg	9.35mg	0/30	22.9mg	22/37							
b	1944	2.97mg	9.35mg	0/30	22.9mg	22/37							
674	1944	3.08mg	9.33mg	0/28	19.0mg	23/44							
a	1944	3.08mg	9.33mg	0/28	19.0mg	23/44							
b	1944	3.08mg	9.33mg	0/28	19.0mg	23/44							
BENZOTHIAZYL DISULFIDE (altax) 120-78-5													
675	1301	256.mg	n.s.s.	1/17	215.mg	1/18				Innes;ntis,1968/1969			
a	1301	426.mg	n.s.s.	0/17	215.mg	0/18							
b	1301	155.mg	n.s.s.	2/17	215.mg	3/18							
676	1301	142.mg	n.s.s.	2/18	200.mg	3/18							
a	1301	396.mg	n.s.s.	1/18	200.mg	0/18							
b	1301	102.mg	n.s.s.	3/18	200.mg	5/18							
677	1301	164.mg	n.s.s.	0/16	215.mg	2/18							
a	1301	426.mg	n.s.s.	0/16	215.mg	0/18							
b	1301	130.mg	n.s.s.	0/16	215.mg	3/18							
678	1301	153.mg	n.s.s.	0/16	200.mg	2/18							
a	1301	396.mg	n.s.s.	0/16	200.mg	0/18							
b	1301	121.mg	n.s.s.	0/16	200.mg	3/18							
1H-BENZOTRIAZOLE 95-14-7													
679	TR88	2.21gm	7.77gm	0/50	1.50gm	10/50	(2.99gm	4/50)			lun:a/a,a/c.		
a	TR88	2.43gm	9.15gm	0/50	1.50gm	9/50	(2.99gm	3/50)					
b	TR88	2.21gm	n.s.s.	21/50	1.50gm	25/50	(2.99gm	14/50)					
c	TR88	25.8gm	n.s.s.	1/50	1.50gm	2/50	2.99gm	1/50		liv:hpa,hpc,nnd.			
d	TR88	1.89gm	11.6gm	0/50	1.50gm	10/50	(2.99gm	4/50)		lun:a/a,a/c.			
680	TR88	1.68gm	n.s.s.	24/50	1.38gm	23/50	(2.76gm	18/50)					
a	TR88	9.88gm	n.s.s.	12/50	1.38gm	12/50	2.76gm	7/50		liv:hpa,hpc,nnd.			
b	TR88	7.62gm	n.s.s.	4/50	1.38gm	7/50	2.76gm	5/50		lun:a/a,a/c.			
681	TR88	3.31gm	n.s.s.	0/50	250.mg	0/50	450.mg	1/50					
a	TR88	535.mg	n.s.s.	27/50	250.mg	27/50	450.mg	30/50					
b	TR88	2.48gm	n.s.s.	0/50	250.mg	0/50	450.mg	2/50		liv:hpa,hpc,nnd.			
682	TR88	1.03gm	n.s.s.	0/50	202.mg	0/50	360.mg	5/50			S		
a	TR88	n.s.s.	n.s.s.	0/50	202.mg	3/50	360.mg	0/50		bra:gln,oli.			
b	TR88	368.mg	n.s.s.	28/50	202.mg	20/50	(360.mg	18/50)					
c	TR88	1.03gm	n.s.s.	0/50	202.mg	0/50	360.mg	5/50		liv:hpa,hpc,nnd.			
BENZOTRICHLORIDE (BTC) 98-07-7													
683	2187	.267mg	.671mg	2/39	.115mg	7/39	.456mg	26/39	1.83mg	35/40	10.9mg	24/38	Fukuda;indh,31,127-131;1993/1978
a	2187	.628mg	1.51mg	0/39	.115mg	0/39	.456mg	2/39	1.83mg	23/40	10.9mg	25/38	
b	2187	.684mg	1.69mg	0/39	.115mg	0/39	.456mg	2/39	1.83mg	21/40	10.9mg	24/38	
c	2187	.737mg	2.44mg	1/39	.115mg	1/39	.456mg	9/39	1.83mg	16/40	10.9mg	10/38	
d	2187	2.56mg	24.5mg	1/39	.115mg	2/39	.456mg	1/39	1.83mg	3/40	10.9mg	8/38	
e	2187	.232mg	.545mg	4/39	.115mg	10/39	.456mg	30/39	1.83mg	39/40	10.9mg	36/38	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
BENZOYL HYDRAZINE 613-94-5									
684	48	8.18mg	24.9mg	12/89	20.0mg	34/47		Toth;ejca,8,341-345;1972/1969a	
a	48	8.29mg	26.1mg	14/89	20.0mg	34/47			
b	48	21.0mg	89.4mg	2/89	20.0mg	16/47			
c	48	23.6mg	463.mg	16/106	20.0mg	18/49			
d	48	145.mg	n.s.s.	3/88	20.0mg	1/47			
685	48	4.40mg	13.7mg	10/86	16.7mg	31/42			
a	48	5.05mg	16.5mg	10/86	16.7mg	29/42			
b	48	12.7mg	54.5mg	0/86	16.7mg	13/42			
c	48	16.4mg	n.s.s.	2/40	16.7mg	5/25			
d	48	67.2mg	n.s.s.	2/40	16.7mg	0/25			
686	1095	10.8mg	n.s.s.	8/85	10.4mg	1/25		Roe;natu,216,375-376;1967	
BENZYL ACETATE 140-11-4									
687	TR250	795.mg	7.34gm	0/50	350.mg	0/50	704.mg	9/50	for:scq; liv:hpa. P
a	TR250	874.mg	n.s.s.	1/50	350.mg	0/50	704.mg	10/50	liv:hpa,hpc. S
b	TR250	1.02gm	n.s.s.	0/50	350.mg	0/50	704.mg	4/50	
c	TR250	1.27gm	n.s.s.	0/50	350.mg	0/50	704.mg	6/50	
d	TR250	383.mg	n.s.s.	14/50	350.mg	26/50	704.mg	25/50	
e	TR250	874.mg	n.s.s.	1/50	350.mg	0/50	704.mg	10/50	liv:hpa,hpc,nnd.
f	TR250	2.30gm	n.s.s.	1/50	350.mg	3/50	704.mg	1/50	lun:a/a,a/c.
688	TR431	21.9mg	n.s.s.	35/50	42.2mg	40/50	(128.mg	33/50	385.mg 33/50)
a	TR431	1.02gm	n.s.s.	14/50	42.2mg	15/50	128.mg	13/50	385.mg 14/50
b	TR431	1.29gm	n.s.s.	1/50	42.2mg	5/50	128.mg	2/50	385.mg 4/50
689	TR250	399.mg	1.87gm	4/50	350.mg	9/50	704.mg	21/50	for:scq,scq; liv:hpa. P
a	TR250	387.mg	5.38gm	10/50	350.mg	18/50	704.mg	23/50	liv:hpa,hpc. S
b	TR250	540.mg	1.96gm	0/50	350.mg	5/50	704.mg	13/50	
c	TR250	808.mg	n.s.s.	4/50	350.mg	4/50	704.mg	11/50	for:scq,scq.
d	TR250	877.mg	n.s.s.	3/50	350.mg	3/50	704.mg	9/50	
e	TR250	309.mg	n.s.s.	32/50	350.mg	35/50	704.mg	37/50	
f	TR250	387.mg	5.38gm	10/50	350.mg	18/50	704.mg	23/50	liv:hpa,hpc,nnd.
g	TR250	1.44gm	n.s.s.	12/50	350.mg	7/50	704.mg	7/50	lun:a/a,a/c.
690	TR431	142.mg	n.s.s.	42/50	39.0mg	40/50	118.mg	35/50	(355.mg 23/50)
a	TR431	223.mg	n.s.s.	22/50	39.0mg	22/50	118.mg	18/50	(355.mg 9/50)
b	TR431	54.7mg	n.s.s.	14/50	39.0mg	17/50	(118.mg	8/50	355.mg 7/50)
691	TR250	116.mg	n.s.s.	43/50	175.mg	44/50	352.mg	44/50	
a	TR250	950.mg	n.s.s.	1/50	175.mg	2/50	352.mg	1/50	liv:hpa,hpc,nnd.
692	TR431	347.mg	n.s.s.	48/50	147.mg	47/50	295.mg	45/50	591.mg 49/50
a	TR431	2.02gm	n.s.s.	1/50	147.mg	1/50	295.mg	1/50	591.mg 4/50
693	TR250	146.mg	1.86gm	22/50	174.mg	27/50	352.mg	37/50	
a	TR250	814.mg	n.s.s.	1/50	174.mg	1/50	352.mg	6/50	pre:acn,can,ccn. S
b	TR250	916.mg	n.s.s.	0/50	174.mg	1/50	352.mg	4/50	pre:acn,ccn. S
c	TR250	1.26gm	n.s.s.	0/50	174.mg	0/50	352.mg	3/50	S
d	TR250	134.mg	n.s.s.	44/50	174.mg	46/50	352.mg	45/50	
e	TR250	1.24gm	n.s.s.	1/50	174.mg	2/50	352.mg	2/50	liv:hpa,hpc,nnd.
694	TR431	379.mg	n.s.s.	39/50	118.mg	43/50	237.mg	43/50	474.mg 39/50
a	TR431	1.91gm	n.s.s.	5/50	118.mg	6/50	237.mg	3/50	474.mg 3/50
695	1988	807.mg	n.s.s.	0/49	320.mg	3/38			Longnecker;fctx,28,665-668;1990/pers.comm.
a	1988	660.mg	n.s.s.	10/49	320.mg	8/38			
BENZYL ALCOHOL 100-51-6									
696	TR343	120.mg	n.s.s.	27/50	70.7mg	24/50	142.mg	36/50	
a	TR343	279.mg	n.s.s.	1/50	70.7mg	6/50	142.mg	4/50	liv:hpa,hpc,nnd.
b	TR343	588.mg	n.s.s.	4/50	70.7mg	1/50	142.mg	4/50	lun:a/a,a/c.
697	TR343	489.mg	n.s.s.	0/50	70.7mg	0/50	142.mg	3/50	
a	TR343	134.mg	n.s.s.	34/50	70.7mg	27/50	142.mg	34/50	S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	TR343	148.mg	n.s.s.	11/50	70.7mg	16/50	142.mg	16/50			liv:hpa,hpc,nnd.
c	TR343	174.mg	n.s.s.	10/50	70.7mg	6/50	142.mg	17/50			lun:a/a,a/c.
698	TR343	133.mg	n.s.s.	46/50	142.mg	29/50	283.mg	26/50			
a	TR343	n.s.s.	n.s.s.	0/50	142.mg	0/50	283.mg	0/50			liv:hpa,hpc,nnd.
699	TR343	465.mg	n.s.s.	0/50	142.mg	3/50	283.mg	3/50			mgl:adn, fba. S
a	TR343	523.mg	n.s.s.	0/50	142.mg	2/50	283.mg	3/50			S
b	TR343	171.mg	n.s.s.	44/50	142.mg	32/50	283.mg	38/50			
c	TR343	1.47gm	n.s.s.	2/50	142.mg	0/50	283.mg	1/50			liv:hpa,hpc,nnd.
BENZYL CHLORIDE (alpha-chloro toluene) 100-44-7											
700	1827	49.8mg	144.mg	0/52	20.7mg	5/50	41.5mg	19/51			Lijinsky;jnci,76,1231-1236;1986
a	1827	132.mg	n.s.s.	1/52	20.7mg	2/51	41.5mg	6/51			
b	1827	169.mg	n.s.s.	0/52	20.7mg	2/50	41.5mg	3/51			
c	1827	272.mg	n.s.s.	7/52	20.7mg	5/51	41.5mg	3/51			
701	1827	33.0mg	79.2mg	0/51	20.7mg	4/52	41.5mg	32/52			
a	1827	108.mg	736.mg	0/51	20.7mg	2/52	41.5mg	8/52			
b	1827	172.mg	10.5gm	0/52	20.7mg	0/52	41.5mg	5/52			
c	1827	49.7mg	n.s.s.	17/52	20.7mg	28/52	41.5mg	20/51			
d	1827	99.1mg	n.s.s.	11/52	20.7mg	15/52	41.5mg	11/52			
702	1827	19.8mg	1.52gm	4/52	6.22mg	8/51	12.4mg	14/52			
a	1827	49.2mg	n.s.s.	2/52	6.22mg	5/52	12.4mg	3/52			
703	1827	71.9mg	n.s.s.	3/52	6.22mg	4/52	12.4mg	2/51			
o-BENZYL-p-CHLOROPHENOL 120-32-1											
704	TR424	265.mg	n.s.s.	39/50	85.2mg	35/50	170.mg	29/50	341.mg	28/52	
a	TR424	256.mg	n.s.s.	13/50	85.2mg	15/50	170.mg	17/50	341.mg	16/52	liv:hpa,hpb,hpc.
b	TR424	1.17gm	n.s.s.	5/50	85.2mg	3/50	170.mg	1/50	341.mg	4/52	lun:a/a,a/c.
705	TR424	680.mg	n.s.s.	0/50	85.2mg	2/50	170.mg	4/50	341.mg	3/50	kid:rua,uac.
a	TR424	903.mg	n.s.s.	0/50	85.2mg	2/50	170.mg	2/50	341.mg	2/50	
b	TR424	262.mg	n.s.s.	38/50	85.2mg	33/50	170.mg	37/50	341.mg	28/50	
c	TR424	449.mg	n.s.s.	25/50	85.2mg	25/50	170.mg	26/50	341.mg	16/50	liv:hpa,hpb,hpc.
d	TR424	1.15gm	n.s.s.	14/50	85.2mg	13/50	170.mg	7/50	341.mg	5/50	lun:a/a,a/c.
706	TR424	728.mg	6.31gm	0/50	85.2mg	2/50	170.mg	6/50	341.mg	6/50	kid:rac,rua.
a	TR424	875.mg	27.2gm	0/50	85.2mg	2/50	170.mg	4/50	341.mg	5/50	
707	TR424	298.mg	n.s.s.	0/50	42.3mg	3/50	84.6mg	3/51	169.mg	4/50	S
a	TR424	980.mg	n.s.s.	0/50	42.3mg	0/50	84.6mg	1/51	169.mg	1/50	
b	TR424	96.8mg	n.s.s.	44/50	42.3mg	40/50	84.6mg	42/51	169.mg	47/50	
c	TR424	1.76gm	n.s.s.	1/50	42.3mg	0/50	84.6mg	0/51	169.mg	0/50	liv:hpa,hpb,hpc.
708	TR424	73.6mg	n.s.s.	42/50	21.2mg	39/50	42.3mg	38/50	84.6mg	33/51	
a	TR424	305.mg	n.s.s.	0/50	21.2mg	1/50	42.3mg	0/50	84.6mg	1/51	liv:hpa,hpb,hpc.
BENZYL ISOTHIOCYANATE 622-78-6											
709	2114	3.85mg	n.s.s.	0/18	4.00mg	0/18					Sugie;gann,84,865-870;1993
BENZYL THIOCYANATE 3012-37-1											
710	2114	3.85mg	n.s.s.	0/18	4.00mg	0/18					Sugie;gann,84,865-870;1993
BENZYLHYDRAZINE.2HCL 20570-96-1											
711	1056	36.8mg	n.s.s.	21/90	30.0mg	21/47					Toth;zkko,87,267-273;1976/1974
a	1056	61.4mg	n.s.s.	2/56	30.0mg	3/22					
b	1056	63.8mg	n.s.s.	3/56	30.0mg	3/22					
712	1056	24.8mg	n.s.s.	6/71	25.0mg	5/21					
a	1056	59.5mg	n.s.s.	15/99	25.0mg	8/47					
b	1056	70.9mg	n.s.s.	23/99	25.0mg	9/47					

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code	
3-BENZYLSDNONE-4-ACETAMIDE														
			14504-15-5											
713	2395	5.53mg	21.8mg	0/9	4.00mg	0/16	20.0mg	2/25	40.0mg	13/16		Ohtsubo;jtxp,4,45-54;1991/pers.comm.		
a	2395	5.53mg	21.8mg	0/9	4.00mg	0/16	20.0mg	2/25	40.0mg	13/16				
b	2395	10.2mg	88.0mg	0/9	4.00mg	0/16	20.0mg	2/25	40.0mg	6/16				
c	2395	12.8mg	n.s.s.	0/6	4.00mg	0/16	20.0mg	2/25	40.0mg	4/16				
714	2375m	1.99mg	10.2mg	0/13	13.5mg	13/16						Ohtsubo;jtxp,7,35-41;1994/pers.comm.		
a	2375m	1.99mg	10.2mg	0/13	13.5mg	13/16								
b	2375m	6.07mg	105.mg	0/13	13.5mg	6/16								
715	2375n	28.0mg	n.s.s.	0/21	8.00mg	0/17								
BERYLLIUM SULFATE														
			13510-49-1											
716	1395	9.07mg	n.s.s.	9/47	1.00mg	5/52						Schroeder;jnut,105,452-458;1975		
a	1395	2.34mg	n.s.s.	14/47	1.00mg	20/52								
b	1395	5.36mg	n.s.s.	4/47	1.00mg	6/52								
717	1395	6.34mg	n.s.s.	5/38	.833mg	7/48								
a	1395	3.29mg	n.s.s.	11/38	.833mg	17/48								
b	1395	7.70mg	n.s.s.	2/38	.833mg	4/48								
718	1456	.298mg	n.s.s.	17/24	.286mg	14/17						Schroeder;jnut,105,421-427;1975		
a	1456	.689mg	n.s.s.	8/24	.286mg	8/17								
719	1456	.768mg	n.s.s.	4/26	.250mg	9/33								
a	1456	1.33mg	n.s.s.	2/26	.250mg	4/33								
BIFENTHRIN														
			82657-04-3											
720	2534	480.mg	n.s.s.	1/48	6.50mg	2/50	26.0mg	4/49	65.0mg	1/46	78.0mg	1/49	Butler;txy,25,268-274;1997	
721	2534	105.mg	n.s.s.	6/48	6.00mg	7/50	24.0mg	8/50	60.0mg	8/50	72.0mg	13/49		
BIPHENYL														
			92-52-4											
722	1307	137.mg	n.s.s.	0/17	73.0mg	0/17							Innes;ntis,1968/1969	
a	1307	137.mg	n.s.s.	1/17	73.0mg	0/17								
b	1307	39.1mg	n.s.s.	2/17	73.0mg	4/17								
723	1307	41.6mg	n.s.s.	1/18	68.0mg	3/17								
a	1307	83.7mg	n.s.s.	2/18	68.0mg	1/17								
b	1307	39.1mg	n.s.s.	3/18	68.0mg	4/17								
724	1307	76.1mg	n.s.s.	0/16	73.0mg	1/18								
a	1307	145.mg	n.s.s.	0/16	73.0mg	0/18								
b	1307	55.7mg	n.s.s.	0/16	73.0mg	2/18								
725	1307	38.7mg	n.s.s.	0/16	68.0mg	3/17								
a	1307	48.8mg	n.s.s.	0/16	68.0mg	2/17								
b	1307	26.9mg	966.mg	0/16	68.0mg	5/17								
5,5'-(1,1'-BIPHENYL)-2,5-DIYLBIS(OXY)(2,2-DIMETHYLPENTANOIC ACID) (CI-924)														
			79520-77-7											
726	2283	46.7mg	127.mg	2/50	5.00mg	5/50	25.0mg	8/50	75.0mg	29/50		Walker;txy,24,265-272;1996		
a	2283	59.0mg	167.mg	0/50	5.00mg	4/50	25.0mg	5/50	75.0mg	23/50				
b	2283	164.mg	n.s.s.	2/50	5.00mg	2/50	25.0mg	3/50	75.0mg	8/50				
727	2283	27.0mg	97.6mg	16/50	5.00mg	20/50	25.0mg	25/50	75.0mg	40/50				
a	2283	56.8mg	370.mg	10/50	5.00mg	13/50	25.0mg	12/50	75.0mg	27/50				
b	2283	73.7mg	n.s.s.	7/50	5.00mg	11/50	25.0mg	18/50	75.0mg	18/50				
2-BIPHENYLAMINE.HCl														
			2185-92-4											
728	TR233	527.mg	3.06gm	0/50	128.mg	1/50	384.mg	8/50					----:ang,hem.	
a	TR233	579.mg	4.87gm	0/50	128.mg	1/50	384.mg	7/50						
b	TR233	269.mg	n.s.s.	31/50	128.mg	30/50	384.mg	31/50						
c	TR233	475.mg	n.s.s.	7/50	128.mg	9/50	384.mg	10/50					liv:hpa,hpc,nnnd.	
d	TR233	1.15gm	n.s.s.	6/50	128.mg	1/50	384.mg	5/50					lun:a/a,a/c.	
729	TR233	530.mg	n.s.s.	0/50	118.mg	4/50	355.mg	3/50					----:ang,hem,hes.	
a	TR233	670.mg	n.s.s.	0/50	118.mg	2/50	355.mg	3/50					----:ang,hes.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR233	181.mg	n.s.s.	37/50	118.mg	38/50	355.mg	27/50		
c	TR233	333.mg	n.s.s.	14/50	118.mg	19/50	355.mg	11/50	liv:hpa,hpc,nnd.	
d	TR233	388.mg	n.s.s.	16/50	118.mg	6/50	(355.mg	1/50)	lun:a/a,a/c.	
730	TR233	122.mg	n.s.s.	46/50	49.3mg	45/49	148.mg	46/50		
a	TR233	115.mg	n.s.s.	1/50	49.3mg	5/49	(148.mg	1/50)	liv:hpa,hpc,nnd.	
731	TR233	142.mg	n.s.s.	43/50	39.4mg	40/50	118.mg	35/50		
a	TR233	n.s.s.	n.s.s.	0/50	39.4mg	0/50	118.mg	0/50	liv:hpa,hpc,nnd.	

2,2-BIS(BROMOMETHYL)-1,3-PROPANEDIOL, TECHNICAL GRADE (DIBROMONEOPENTYL GLYCOL) 3296-90-0

732	TR452	45.6mg	118.mg	8/52	39.9mg	17/50	79.9mg	27/51	160.mg	32/50	hag:ade,anb,car; lun:a/a,a/c; sub: fbs,sar. C
a	TR452	76.2mg	254.mg	3/52	39.9mg	12/50	79.9mg	13/51	160.mg	19/50	hag:ade,anb,car.
b	TR452	77.3mg	263.mg	5/52	39.9mg	5/50	79.9mg	15/51	160.mg	19/50	lun:a/a,a/c.
c	TR452	101.mg	367.mg	3/52	39.9mg	3/50	79.9mg	9/51	160.mg	17/50	S
d	TR452	109.mg	429.mg	2/52	39.9mg	6/50	79.9mg	8/51	160.mg	15/50	hag:ade,anb. S
e	TR452	176.mg	656.mg	0/52	39.9mg	1/50	79.9mg	4/51	160.mg	12/50	sub: fbs,sar.
f	TR452	161.mg	2.27gm	1/52	39.9mg	6/50	79.9mg	5/51	160.mg	7/50	S
g	TR452	188.mg	737.mg	0/52	39.9mg	1/50	79.9mg	4/51	160.mg	11/50	
h	TR452	176.mg	9.86gm	2/52	39.9mg	2/50	79.9mg	6/51	160.mg	5/50	S
i	TR452	206.mg	1.90gm	0/52	39.9mg	1/50	79.9mg	5/51	160.mg	3/50	
j	TR452	116.mg	n.s.s.	16/52	39.9mg	12/50	79.9mg	5/51	160.mg	16/50	S
k	TR452	307.mg	n.s.s.	1/52	39.9mg	2/50	79.9mg	0/51	160.mg	5/50	---:hem,hes.
l	TR452	472.mg	n.s.s.	0/52	39.9mg	0/50	79.9mg	1/51	160.mg	3/50	
m	TR452	437.mg	n.s.s.	0/52	39.9mg	0/50	79.9mg	0/51	160.mg	3/50	S
n	TR452	33.5mg	153.mg	35/52	39.9mg	42/50	79.9mg	43/51	160.mg	42/50	
o	TR452	99.3mg	n.s.s.	20/52	39.9mg	19/50	79.9mg	9/51	160.mg	18/50	liv:hpa,hpb,hpc.
p	TR452	77.3mg	263.mg	5/52	39.9mg	5/50	79.9mg	15/51	160.mg	19/50	lun:a/a,a/c.
733	TR452	60.8mg	321.mg	18/50	37.2mg	18/51	74.4mg	28/50	149.mg	37/49	hag:ade,anb,car,cnb; kid:rua; lun:a/a,a/c. C
a	TR452	96.0mg	347.mg	4/50	37.2mg	7/51	74.4mg	16/50	149.mg	22/49	hag:ade,anb,car,cnb.
b	TR452	114.mg	481.mg	3/50	37.2mg	6/51	74.4mg	12/50	149.mg	18/49	hag:ade,anb. S
c	TR452	106.mg	3.37gm	15/50	37.2mg	11/51	74.4mg	16/50	149.mg	25/49	lun:a/a,a/c.
d	TR452	133.mg	2.59gm	12/50	37.2mg	4/51	74.4mg	12/50	149.mg	21/49	S
e	TR452	161.mg	8.52gm	3/50	37.2mg	7/51	74.4mg	8/50	149.mg	11/49	S
f	TR452	283.mg	n.s.s.	0/50	37.2mg	3/51	74.4mg	3/50	149.mg	4/49	for: sqc, sqp.
g	TR452	360.mg	n.s.s.	0/50	37.2mg	3/51	74.4mg	0/50	149.mg	4/49	S
h	TR452	451.mg	n.s.s.	0/50	37.2mg	0/51	74.4mg	3/50	149.mg	2/49	
i	TR452	54.4mg	n.s.s.	37/50	37.2mg	42/51	74.4mg	45/50	149.mg	45/49	
j	TR452	144.mg	n.s.s.	27/50	37.2mg	32/51	74.4mg	27/50	149.mg	23/49	liv:hpa,hpb,hpc.
k	TR452	106.mg	3.37gm	15/50	37.2mg	11/51	74.4mg	16/50	149.mg	25/49	lun:a/a,a/c.
734	TR452	56.7mg	138.mg	25/50	124.mg	45/51	248.mg	46/53	496.mg	45/52	
a	TR452	56.7mg	138.mg	25/50	124.mg	45/51	248.mg	46/53	496.mg	45/52	mgl:ade,fba. S
b	TR452	57.0mg	141.mg	27/50	124.mg	47/51	248.mg	47/53	496.mg	47/52	mgl:ade,car,fba.
c	TR452	57.2mg	142.mg	28/50	124.mg	47/51	248.mg	48/53	496.mg	47/52	eso: sqp; mgl:ade,car,fba; pal: sqc, sqp; thy: fca, fcc; ton: sqc, sqp. C
d	TR452	155.mg	1.43gm	16/50	124.mg	24/51	248.mg	24/53	496.mg	15/52	S
e	TR452	220.mg	1.38gm	15/50	124.mg	13/51	248.mg	19/53	496.mg	19/52	S
f	TR452	452.mg	7.37gm	2/50	124.mg	3/51	248.mg	5/53	496.mg	6/52	pal: sqc, sqp; ton: sqc, sqp.
g	TR452	505.mg	29.9gm	2/50	124.mg	2/51	248.mg	4/53	496.mg	5/52	pal: sqp; ton: sqp. S
h	TR452	539.mg	9.28gm	1/50	124.mg	2/51	248.mg	4/53	496.mg	5/52	ton: sqc, sqp. S
i	TR452	559.mg	27.0gm	1/50	124.mg	2/51	248.mg	4/53	496.mg	4/52	S
j	TR452	669.mg	3.36gm	0/50	124.mg	0/51	248.mg	1/53	496.mg	10/52	
k	TR452	641.mg	7.11gm	0/50	124.mg	0/51	248.mg	2/53	496.mg	4/52	thy: fca, fcc.
l	TR452	763.mg	14.7gm	0/50	124.mg	0/51	248.mg	2/53	496.mg	3/52	S
m	TR452	349.mg	n.s.s.	5/50	124.mg	9/51	248.mg	6/53	496.mg	6/52	ute: esp, ess. S
n	TR452	366.mg	n.s.s.	5/50	124.mg	8/51	248.mg	6/53	496.mg	6/52	S
o	TR452	531.mg	n.s.s.	2/50	124.mg	4/51	248.mg	1/53	496.mg	6/52	sub: fbs, fib, sar. S
p	TR452	1.16gm	n.s.s.	1/50	124.mg	0/51	248.mg	0/53	496.mg	4/52	sub: fbs, sar. S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
q	TR452	61.0mg	179.mg	45/50	124.mg	51/51	248.mg	53/53	496.mg	52/52	
r	TR452	n.s.s.	n.s.s.	0/50	124.mg	0/51	248.mg	0/53	496.mg	0/52	liv:hpa,hpb,hpc.
735	TR452	41.6mg	132.mg	49/51	99.4mg	48/53	199.mg	51/51	398.mg	51/55	tes:iab,ica. S
a	TR452	44.9mg	117.mg	33/51	99.4mg	37/53	199.mg	49/51	398.mg	52/55	---:mnl,msm; col:adp; eso:sqc; gnv:sqc; jej:car; lun:a/a,a/c; mgl:ade,fba; pal:sqc; ski:bca,bcc,ker,sgc,scp,tri; sub:fbs,fib,sar; thy:fca,fcc; ton:sqc; ubl:tcc,tpp; zym:ade,car. C
b	TR452	58.8mg	194.mg	27/51	99.4mg	29/53	199.mg	40/51	398.mg	34/55	
c	TR452	103.mg	300.mg	4/51	99.4mg	6/53	199.mg	14/51	398.mg	24/55	ski:bca,bcc,ker,sgc,scp,tri.
d	TR452	86.1mg	2.46gm	1/51	99.4mg	8/53	(199.mg)	1/51	398.mg	0/55)	pni:isa,isc. S
e	TR452	131.mg	437.mg	2/51	99.4mg	9/53	199.mg	13/51	398.mg	16/55	sub:fbs,fib,sar.
f	TR452	135.mg	488.mg	3/51	99.4mg	5/53	199.mg	11/51	398.mg	16/55	S
g	TR452	143.mg	542.mg	0/51	99.4mg	4/53	199.mg	7/51	398.mg	7/55	mgl:ade,fba.
h	TR452	156.mg	568.mg	2/51	99.4mg	8/53	199.mg	11/51	398.mg	15/55	S
i	TR452	147.mg	597.mg	0/51	99.4mg	4/53	199.mg	6/51	398.mg	6/55	S
j	TR452	157.mg	555.mg	0/51	99.4mg	4/53	199.mg	9/51	398.mg	10/55	gnv:sqc; pal:sqc; ton:sqc.
k	TR452	163.mg	601.mg	0/51	99.4mg	4/53	199.mg	8/51	398.mg	10/55	pal:sqc; ton:sqc. S
l	TR452	177.mg	690.mg	0/51	99.4mg	3/53	199.mg	8/51	398.mg	9/55	
m	TR452	239.mg	1.19gm	0/51	99.4mg	2/53	199.mg	5/51	398.mg	8/55	S
n	TR452	218.mg	3.81gm	1/51	99.4mg	2/53	199.mg	4/51	398.mg	3/55	
o	TR452	280.mg	2.10gm	0/51	99.4mg	2/53	199.mg	6/51	398.mg	3/55	thy:fca,fcc.
p	TR452	319.mg	2.10gm	0/51	99.4mg	1/53	199.mg	2/51	398.mg	6/55	ski:bca,bcc,tri. S
q	TR452	287.mg	5.65gm	1/51	99.4mg	1/53	199.mg	3/51	398.mg	4/55	lun:a/a,a/c.
r	TR452	314.mg	8.16gm	0/51	99.4mg	2/53	199.mg	3/51	398.mg	2/55	S
s	TR452	386.mg	3.80gm	0/51	99.4mg	0/53	199.mg	3/51	398.mg	4/55	
t	TR452	381.mg	7.58gm	0/51	99.4mg	1/53	199.mg	2/51	398.mg	3/55	sub:fbs,sar. S
u	TR452	376.mg	12.3gm	1/51	99.4mg	0/53	199.mg	2/51	398.mg	5/55	ski:sgc,scp. S
v	TR452	376.mg	12.3gm	1/51	99.4mg	0/53	199.mg	2/51	398.mg	5/55	S
w	TR452	403.mg	18.8gm	0/51	99.4mg	1/53	199.mg	0/51	398.mg	3/55	S
x	TR452	472.mg	5.95gm	0/51	99.4mg	0/53	199.mg	1/51	398.mg	5/55	
y	TR452	483.mg	28.5gm	0/51	99.4mg	1/53	199.mg	0/51	398.mg	3/55	S
z	TR452	499.mg	11.5gm	0/51	99.4mg	0/53	199.mg	2/51	398.mg	3/55	S
A	TR452	532.mg	11.4gm	0/51	99.4mg	0/53	199.mg	1/51	398.mg	3/55	
B	TR452	532.mg	31.5gm	0/51	99.4mg	0/53	199.mg	1/51	398.mg	3/55	S
C	TR452	577.mg	79.4gm	0/51	99.4mg	0/53	199.mg	1/51	398.mg	3/55	ubl:tcc,tpp.
D	TR452	177.mg	n.s.s.	7/51	99.4mg	10/53	199.mg	6/51	398.mg	6/55	pit:pda,pdc. S
E	TR452	187.mg	n.s.s.	7/51	99.4mg	9/53	199.mg	6/51	398.mg	6/55	S
F	TR452	236.mg	n.s.s.	8/51	99.4mg	4/53	199.mg	5/51	398.mg	6/55	thy:cca,ccb,ccr. S
G	TR452	276.mg	n.s.s.	5/51	99.4mg	4/53	199.mg	5/51	398.mg	5/55	pre:ade,car. S
H	TR452	286.mg	n.s.s.	3/51	99.4mg	3/53	199.mg	4/51	398.mg	4/55	S
I	TR452	388.mg	n.s.s.	0/51	99.4mg	1/53	199.mg	4/51	398.mg	1/55	S
J	TR452	547.mg	n.s.s.	2/51	99.4mg	1/53	199.mg	4/51	398.mg	5/55	zym:ade,car.
K	TR452	580.mg	n.s.s.	1/51	99.4mg	1/53	199.mg	1/51	398.mg	3/55	thy:ccb,ccr. S
L	TR452	1.35gm	n.s.s.	0/51	99.4mg	0/53	199.mg	0/51	398.mg	2/55	
M	TR452	2.60gm	n.s.s.	0/51	99.4mg	0/53	199.mg	0/51	398.mg	1/55	
N	TR452	n.s.s.	n.s.s.	0/51	99.4mg	0/53	199.mg	0/51	398.mg	0/55	sev:ade,car.
O	TR452	40.7mg	120.mg	44/51	99.4mg	50/53	199.mg	51/51	398.mg	53/55	
P	TR452	453.mg	n.s.s.	0/51	99.4mg	2/53	199.mg	0/51	398.mg	0/55	liv:hpa,hpb,hpc.
736	TR452a	3.14mg	12.2mg	49/51	99.5mg	59/60					tes:iab,ica. S
a	TR452a	5.27mg	53.2mg	4/51	99.5mg	21/60					ski:bca,ker,sgc,scp,tri. S
b	TR452a	5.14mg	99.9mg	1/51	99.5mg	12/60					ski:sgc,scp. S
c	TR452a	9.89mg	69.4mg	27/51	99.5mg	25/60					S
d	TR452a	5.68mg	215.mg	3/51	99.5mg	4/60					S
e	TR452a	5.25mg	113.mg	0/51	99.5mg	13/60					pal:sgc,scp; ton:scp. S
f	TR452a	5.27mg	127.mg	0/51	99.5mg	12/60					pal:sgc; ton:scp. S
g	TR452a	12.4mg	58.8mg	0/51	99.5mg	26/60					S
h	TR452a	5.38mg	446.mg	0/51	99.5mg	6/60					S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
i	TR452a	8.59mg	724.mg	5/51	99.5mg	4/60				pre:ade,car. S
j	TR452a	12.5mg	184.mg	3/51	99.5mg	10/60				S
k	TR452a	12.5mg	164.mg	1/51	99.5mg	11/60				S
l	TR452a	8.26mg	348.mg	1/51	99.5mg	7/60			lun:a/a,a/c. S	
m	TR452a	21.9mg	229.mg	0/51	99.5mg	7/60			ski:bca,tri. S	
n	TR452a	8.47mg	1.42gm	1/51	99.5mg	4/60				S
o	TR452a	26.8mg	330.mg	0/51	99.5mg	5/60				S
p	TR452a	24.3mg	348.mg	0/51	99.5mg	6/60				S
q	TR452a	28.4mg	273.mg	0/51	99.5mg	9/60			thy:fca,fcc. S	
r	TR452a	18.4mg	430.mg	2/51	99.5mg	10/60			sub:fbs, fib,sar. S	
s	TR452a	20.2mg	1.06gm	2/51	99.5mg	7/60				S
t	TR452a	34.3mg	434.mg	0/51	99.5mg	7/60				S
u	TR452a	41.9mg	495.mg	0/51	99.5mg	7/60				S
v	TR452a	64.3mg	412.mg	2/51	99.5mg	15/60			zym:ade,car,cnb. S	
w	TR452a	64.3mg	412.mg	2/51	99.5mg	15/60			zym:car,cnb. S	
x	TR452a	61.1mg	377.mg	0/51	99.5mg	11/60			col:adp,car; rec:adp. S	
y	TR452a	62.1mg	415.mg	0/51	99.5mg	10/60			col:adp; rec:adp. S	
z	TR452a	72.9mg	1.00gm	0/51	99.5mg	5/60				
A	TR452a	53.3mg	6.51gm	0/51	99.5mg	2/60			ubl:tcc, tpp. S	
B	TR452a	85.0mg	5.55gm	0/51	99.5mg	3/60				S
C	TR452a	130.mg	2.05gm	0/51	99.5mg	5/60			ilm:car; jej:adp,car. S	
D	TR452a	143.mg	5.40gm	0/51	99.5mg	4/60			ilm:car; jej:car. S	
E	TR452a	14.5mg	n.s.s.	7/51	99.5mg	5/60				S
F	TR452a	16.8mg	n.s.s.	1/51	99.5mg	3/60				S
G	TR452a	91.5mg	n.s.s.	0/51	99.5mg	2/60			sev:ade,car. S	
H	TR452a	111.mg	n.s.s.	0/51	99.5mg	3/60				S
I	TR452a	188.mg	n.s.s.	0/51	99.5mg	3/60			sub:fbs,sar. S	
J	TR452a	158.mg	n.s.s.	0/51	99.5mg	1/60				
K	TR452a	n.s.s.	n.s.s.	0/51	99.5mg	0/60				
L	TR452a	3.31mg	12.9mg	51/51	99.5mg	60/60				
M	TR452a	114.mg	n.s.s.	0/51	99.5mg	1/60			liv:hpa,hpb,hpc. S	
737	1642	409.mg	n.s.s.	3/48	5.00mg	0/50	100.mg	3/50	Keyes;jctx,7,77-98;1980	
a	1642	49.1mg	n.s.s.	1/48	5.00mg	0/50	100.mg	0/50		
b	1642	23.6mg	n.s.s.	47/50	5.00mg	49/50	100.mg	48/50		
738	1642	49.1mg	n.s.s.	1/50	5.00mg	0/50	100.mg	0/50		
a	1642	1.01gm	n.s.s.	1/50	5.00mg	1/50	100.mg	0/50		
b	1642	74.9mg	n.s.s.	39/50	5.00mg	40/50	100.mg	39/50		
1,1-BIS (tert-BUTYLPEROXY)-3,3,5-TRIMETHYLCYCLOHEXANE 6731-36-8										
739	2127	3.25gm	n.s.s.	0/50	305.mg	1/50	611.mg	0/50	Mitsui;fctx,31,929-933;1993	
a	2127	2.92gm	n.s.s.	1/50	305.mg	1/50	611.mg	1/50		
b	2127	1.34gm	n.s.s.	0/50	305.mg	0/50	611.mg	0/50		
c	2127	562.mg	n.s.s.	19/50	305.mg	18/50	611.mg	21/50		
d	2127	721.mg	n.s.s.	14/50	305.mg	15/50	611.mg	15/50		
740	2127	428.mg	n.s.s.	15/50	282.mg	20/50	564.mg	20/50		
a	2127	2.25gm	n.s.s.	1/50	282.mg	2/50	564.mg	1/50		
b	2127	1.24gm	n.s.s.	8/50	282.mg	7/50	564.mg	7/50		
c	2127	758.mg	n.s.s.	5/50	282.mg	4/50	(564.mg)	0/50)		
d	2127	360.mg	n.s.s.	29/50	282.mg	30/50	564.mg	30/50		
e	2127	1.10gm	n.s.s.	22/50	282.mg	16/50	564.mg	15/50		
BIS (TRI-n-BUTYL TIN) OXIDE, TECHNICAL GRADE 56-35-9										
741	1975	1.15mg	3.04mg	3/50	25.0ug	3/50	.250mg	3/50	2.50mg	34/50
a	1975	1.53mg	n.s.s.	22/50	25.0ug	32/50	.250mg	22/50	2.50mg	35/50
742	1975	1.06mg	5.03mg	16/50	20.0ug	13/50	.200mg	14/50	2.00mg	33/50
a	1975	.774mg	n.s.s.	34/50	20.0ug	39/50	.200mg	29/50	2.00mg	43/50

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
BIS(2-CHLORO-1-METHYLETHYL)ETHER, TECHNICAL GRADE 108-60-1									
743	TR239	155.mg	1.45gm	1/50	67.5mg	4/50	139.mg	10/50	liv:a/a,a/c.
a	TR239	177.mg	4.88gm	1/50	67.5mg	4/50	139.mg	8/50	sto:sgc,sgp.
b	TR239	498.mg	n.s.s.	0/50	67.5mg	0/50	139.mg	3/50	
c	TR239	75.0mg	n.s.s.	26/50	67.5mg	29/50	139.mg	29/50	
d	TR239	269.mg	n.s.s.	7/50	67.5mg	7/50	139.mg	5/50	liv:hpa,hpc,nnd.
e	TR239	155.mg	1.45gm	1/50	67.5mg	4/50	139.mg	10/50	liv:hpa,hpc,nnd.
744	TR239	73.4mg	693.mg	13/50	68.8mg	23/50	140.mg	27/50	liv:hpa,hpc.
a	TR239	117.mg	1.61gm	6/50	68.8mg	13/50	140.mg	17/50	
b	TR239	121.mg	n.s.s.	6/50	68.8mg	15/50	140.mg	13/50	liv:hpa,hpc,nnd.
c	TR239	138.mg	n.s.s.	5/50	68.8mg	13/50	140.mg	11/50	
d	TR239	55.0mg	n.s.s.	30/50	68.8mg	38/50	140.mg	40/50	
e	TR239	73.4mg	693.mg	13/50	68.8mg	23/50	140.mg	27/50	liv:hpa,hpc,nnd.
f	TR239	121.mg	n.s.s.	6/50	68.8mg	15/50	140.mg	13/50	liv:hpa,hpc,nnd.
745	TR191	30.7mg	907.mg	39/50	70.1mg	32/50	140.mg	15/50	
a	TR191	n.s.s.	n.s.s.	0/50	70.1mg	0/50	140.mg	0/50	liv:hpa,hpc,nnd.
746	TR191	45.3mg	n.s.s.	30/50	70.7mg	30/50	141.mg	18/50	
a	TR191	366.mg	n.s.s.	1/50	70.7mg	1/50	141.mg	0/50	liv:hpa,hpc,nnd.
BIS-2-CHLOROETHYLETHER 111-44-4									
747	1227	88.4mg	n.s.s.	0/15	41.3mg	0/18			Innes;ntis,1968/1969
a	1227	88.4mg	n.s.s.	0/15	41.3mg	0/18			
b	1227	53.7mg	n.s.s.	1/15	41.3mg	1/18			
748	1227	9.25mg	56.1mg	0/18	38.4mg	9/17			
a	1227	40.0mg	n.s.s.	3/18	38.4mg	2/17			
b	1227	8.80mg	1.09gm	3/18	38.4mg	10/17			
749	1227	22.4mg	n.s.s.	0/18	41.3mg	4/18			
a	1227	88.4mg	n.s.s.	1/18	41.3mg	0/18			
b	1227	25.6mg	n.s.s.	2/18	41.3mg	4/18			
750	1227	3.46mg	27.6mg	3/15	38.4mg	14/16			
a	1227	73.1mg	n.s.s.	2/15	38.4mg	0/16			
b	1227	n.s.s.	12.7mg	5/15	38.4mg	16/16			
BIS-1,4-(CHLOROMETHOXY)BUTANE 13483-19-7									
751	582	2.14mg	n.s.s.	0/30	.571mg	0/30			Van Duuren;canr,35,2553-2557;1975
BIS-1,2-(CHLOROMETHOXY)ETHANE 13483-18-6									
752	582	1.59mg	n.s.s.	0/30	1.71mg	4/30			Van Duuren;canr,35,2553-2557;1975
BIS-1,6-(CHLOROMETHOXY)HEXANE 56894-92-9									
753	582	6.43mg	n.s.s.	0/30	1.71mg	0/30			Van Duuren;canr,35,2553-2557;1975
BIS-1,4-(CHLOROMETHOXY)-p-XYLENE 56894-91-8									
754	582	.765mg	n.s.s.	0/30	.571mg	2/30			Van Duuren;canr,35,2553-2557;1975
BIS-(CHLOROMETHYL)ETHER (BCME) 542-88-1									
755	582	62.8ug	n.s.s.	0/30	.114mg	4/30			Van Duuren;canr,35,2553-2557;1975
756	1086	.253mg	n.s.s.	10/157	295.ng	7/138	2.95ug	3/143	33.6ug 10/144
a	1086	.291mg	n.s.s.	6/157	295.ng	4/138	2.95ug	2/143	33.6ug 7/144
b	1086	1.17mg	n.s.s.	4/157	295.ng	1/138	2.95ug	0/143	33.6ug 0/144
c	1086	1.17mg	n.s.s.	3/157	295.ng	1/138	2.95ug	0/143	33.6ug 0/144
757	1086	2.63ug	4.90ug	0/104	52.8ng	0/105	528.ng	0/103	7.78ug 96/103
a	1086	67.7ug	1.09mg	0/104	52.8ng	0/105	528.ng	0/103	7.78ug 4/103
b	1086	.129mg	n.s.s.	0/104	52.8ng	0/105	528.ng	0/103	7.78ug 1/103
c	1086	.234mg	n.s.s.	0/104	52.8ng	1/105	528.ng	0/103	7.78ug 0/103

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
d	1086	1.43ug	3.88ug	56/104	52.8ng	48/105	528.ng	43/103	7.78ug 102/103		
BIS(2,3-DIBROMOPROPYL) PHOSPHATE, MAGNESIUM SALT 36711-31-6											
758	2102m	4.84mg	36.2mg	0/8	4.00mg	0/8	20.0mg	1/8	100.mg 7/8	Takada;japt,11,323-331;1991/pers.comm.	
a	2102m	11.2mg	185.mg	0/8	4.00mg	0/8	20.0mg	0/8	100.mg 4/8		
b	2102m	12.0mg	1.19gm	0/8	4.00mg	0/8	20.0mg	1/8	100.mg 3/8		
c	2102m	14.2mg	686.mg	0/8	4.00mg	0/8	20.0mg	0/8	100.mg 3/8		
759	2102n	4.87mg	34.9mg	0/8	4.00mg	1/8	20.0mg	3/8	100.mg 8/8		
a	2102n	7.79mg	58.3mg	0/8	4.00mg	0/8	20.0mg	1/8	100.mg 8/8		
b	2102n	8.06mg	64.1mg	0/8	4.00mg	1/8	20.0mg	0/8	100.mg 8/8		
c	2102n	14.0mg	115.mg	0/8	4.00mg	0/8	20.0mg	1/8	100.mg 6/8		
d	2102n	32.0mg	1.54gm	0/8	4.00mg	0/8	20.0mg	0/8	100.mg 3/8		
e	2102n	32.0mg	1.54gm	0/8	4.00mg	0/8	20.0mg	0/8	100.mg 3/8		
f	2102n	32.0mg	1.54gm	0/8	4.00mg	0/8	20.0mg	0/8	100.mg 3/8		
g	2102n	6.14mg	n.s.s.	0/8	4.00mg	0/8	20.0mg	3/8	(100.mg 0/8)		
h	2102n	41.8mg	n.s.s.	0/8	4.00mg	0/8	20.0mg	0/8	100.mg 2/8		
760	2102o	14.7mg	65.0mg	1/16	4.00mg	2/16	20.0mg	8/16	100.mg 14/16		
a	2102o	20.3mg	74.5mg	0/16	4.00mg	0/16	20.0mg	6/16	100.mg 13/16		
b	2102o	21.7mg	81.6mg	0/16	4.00mg	0/16	20.0mg	5/16	100.mg 13/16		
c	2102o	31.4mg	134.mg	0/16	4.00mg	0/16	20.0mg	3/16	100.mg 11/16		
d	2102o	72.7mg	644.mg	0/16	4.00mg	0/16	20.0mg	0/16	100.mg 6/16		
e	2102o	119.mg	8.01gm	0/16	4.00mg	0/16	20.0mg	0/16	100.mg 3/16		
f	2102o	104.mg	n.s.s.	0/16	4.00mg	0/16	20.0mg	2/16	100.mg 2/16		
g	2102o	104.mg	n.s.s.	0/16	4.00mg	0/16	20.0mg	2/16	100.mg 2/16		
h	2102o	122.mg	n.s.s.	0/16	4.00mg	0/16	20.0mg	1/16	100.mg 2/16		
i	2102o	149.mg	n.s.s.	0/16	4.00mg	0/16	20.0mg	0/16	100.mg 2/16		
j	2102o	203.mg	n.s.s.	0/16	4.00mg	0/16	20.0mg	0/16	100.mg 1/16		
k	2102o	203.mg	n.s.s.	0/16	4.00mg	0/16	20.0mg	0/16	100.mg 1/16		
l	2102o	189.mg	n.s.s.	1/16	4.00mg	2/16	20.0mg	2/16	100.mg 1/16		
m	2102o	227.mg	n.s.s.	0/16	4.00mg	0/16	20.0mg	1/16	100.mg 0/16		
761	2102m	11.4mg	549.mg	0/8	3.20mg	0/8	16.0mg	0/8	80.0mg 3/8		
a	2102m	11.4mg	549.mg	0/8	3.20mg	0/8	16.0mg	0/8	80.0mg 3/8		
b	2102m	14.9mg	n.s.s.	0/8	3.20mg	0/8	16.0mg	0/8	80.0mg 2/8		
c	2102m	14.9mg	n.s.s.	0/8	3.20mg	0/8	16.0mg	0/8	80.0mg 2/8		
d	2102m	21.0mg	n.s.s.	0/8	3.20mg	0/8	16.0mg	0/8	80.0mg 1/8		
e	2102m	21.0mg	n.s.s.	0/8	3.20mg	0/8	16.0mg	0/8	80.0mg 1/8		
f	2102m	21.0mg	n.s.s.	0/8	3.20mg	0/8	16.0mg	0/8	80.0mg 1/8		
g	2102m	21.0mg	n.s.s.	0/8	3.20mg	0/8	16.0mg	0/8	80.0mg 1/8		
h	2102m	21.0mg	n.s.s.	0/8	3.20mg	0/8	16.0mg	0/8	80.0mg 1/8		
i	2102m	1.06mg	n.s.s.	0/8	3.20mg	0/8	16.0mg	0/8	80.0mg 0/8		
j	2102m	1.06mg	n.s.s.	0/8	3.20mg	0/8	16.0mg	0/8	80.0mg 0/8		
762	2102n	4.92mg	n.s.s.	0/8	3.20mg	0/8	16.0mg	3/8			
a	2102n	5.00mg	n.s.s.	2/8	3.20mg	1/8	16.0mg	3/8			
b	2102n	9.11mg	n.s.s.	0/8	3.20mg	0/8	16.0mg	1/8			
c	2102n	9.11mg	n.s.s.	0/8	3.20mg	0/8	16.0mg	1/8			
d	2102n	9.11mg	n.s.s.	0/8	3.20mg	0/8	16.0mg	1/8			
763	2102o	13.2mg	178.mg	0/16	3.20mg	0/16	16.0mg	5/16	(80.0mg 0/24)		
a	2102o	22.5mg	72.1mg	0/16	3.20mg	0/16	16.0mg	8/16	80.0mg 16/24		
b	2102o	25.5mg	85.9mg	0/16	3.20mg	0/16	16.0mg	7/16	80.0mg 15/24		
c	2102o	15.5mg	492.mg	0/16	3.20mg	0/16	16.0mg	4/16	(80.0mg 0/24)		
d	2102o	15.5mg	492.mg	0/16	3.20mg	0/16	16.0mg	4/16	(80.0mg 2/24)		
e	2102o	42.0mg	175.mg	0/16	3.20mg	0/16	16.0mg	2/16	80.0mg 12/24		
f	2102o	18.7mg	n.s.s.	0/16	3.20mg	0/16	16.0mg	3/16	(80.0mg 2/24)		
g	2102o	178.mg	n.s.s.	0/16	3.20mg	0/16	16.0mg	1/16	80.0mg 1/24		
h	2102o	274.mg	n.s.s.	0/16	3.20mg	0/16	16.0mg	1/16	80.0mg 0/24		
i	2102o	274.mg	n.s.s.	0/16	3.20mg	0/16	16.0mg	1/16	80.0mg 0/24		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
j	2102o	236.mg	n.s.s.	5/16	3.20mg	2/16	16.0mg	4/16	80.0mg	2/24	
k	2102o	245.mg	n.s.s.	1/16	3.20mg	2/16	16.0mg	2/16	80.0mg	1/24	
l	2102o	215.mg	n.s.s.	6/16	3.20mg	4/16	16.0mg	6/16	80.0mg	3/24	
m	2102o	274.mg	n.s.s.	0/16	3.20mg	0/16	16.0mg	1/16	80.0mg	0/24	
1,4-BIS[2-(3,5-DICHLOROPYRIDYLOXY)]BENZENE 76150-91-9											
764	2322	27.4mg	n.s.s.	0/18	40.0mg	2/18				Diwan;carc,17,37-43;1996	
4-BIS(2-HYDROXYETHYL)AMINO-2-(5-NITRO-2-THIENYL)QUINAZOLINE 33372-39-3											
765	1390	1.59mg	7.25mg	0/20	19.2mg	13/20				Cohen;jnci,57,277-282;1976	
a	1390	1.79mg	8.58mg	0/20	19.2mg	12/20					
b	1390	2.88mg	20.4mg	0/20	19.2mg	8/20					
c	1390	4.32mg	132.mg	0/20	19.2mg	5/20					
d	1390	.452mg	2.52mg	0/20	19.2mg	19/20					
4-BIS(2-HYDROXYETHYL)AMINO-2-(2-THIENYL)QUINAZOLINE 58139-47-2											
766	1390	12.7mg	n.s.s.	6/84	17.4mg	4/28				Cohen;jnci,57,277-282;1976	
BIS-2-HYDROXYETHYLDITHIOCARBAMIC ACID, POTASSIUM 23746-34-1											
767	1217	90.0mg	n.s.s.	0/17	157.mg	3/16				Innes;ntis,1968/1969	
a	1217	124.mg	n.s.s.	1/17	157.mg	2/16					
b	1217	49.5mg	n.s.s.	2/17	157.mg	7/16					
768	1217	19.7mg	110.mg	1/18	146.mg	13/17					
a	1217	194.mg	n.s.s.	2/18	146.mg	1/17					
b	1217	20.5mg	170.mg	3/18	146.mg	13/17					
769	1217	27.7mg	136.mg	0/16	157.mg	12/18					
a	1217	176.mg	n.s.s.	0/16	157.mg	1/18					
b	1217	23.9mg	113.mg	0/16	157.mg	13/18					
770	1217	16.2mg	82.7mg	0/16	146.mg	13/16					
a	1217	278.mg	n.s.s.	0/16	146.mg	0/16					
b	1217	12.5mg	66.5mg	0/16	146.mg	14/16					
BIS(2-HYDROXYPROPYL)AMINE 110-97-4											
771	1914	1.35gm	n.s.s.	0/20	400.mg	0/20				Yamamoto;carc,10,1607-1611;1989	
a	1914	1.35gm	n.s.s.	0/20	400.mg	0/20					
b	1914	1.35gm	n.s.s.	0/20	400.mg	0/20					
BISMUTH DIMETHYLDITHIOCARBAMATE (bismate) 21260-46-8											
772	1218	3.66mg	n.s.s.	1/17	4.64mg	2/17				Innes;ntis,1968/1969	
a	1218	8.68mg	n.s.s.	0/17	4.64mg	0/17					
b	1218	4.08mg	n.s.s.	2/17	4.64mg	2/17					
773	1218	4.03mg	n.s.s.	2/18	4.31mg	2/18					
a	1218	5.10mg	n.s.s.	1/18	4.31mg	1/18					
b	1218	3.39mg	n.s.s.	3/18	4.31mg	3/18					
774	1218	9.19mg	n.s.s.	0/16	4.64mg	0/18					
a	1218	9.19mg	n.s.s.	0/16	4.64mg	0/18					
b	1218	9.19mg	n.s.s.	0/16	4.64mg	0/18					
775	1218	3.10mg	n.s.s.	0/16	4.31mg	2/17					
a	1218	4.24mg	n.s.s.	0/16	4.31mg	1/17					
b	1218	1.71mg	61.2mg	0/16	4.31mg	5/17					
BISMUTH OXYCHLORIDE 7787-59-9											
776	432	11.9gm	n.s.s.	2/60	391.mg	2/40	802.mg	1/40	1.98gm	2/40	Preussmann;fctx,13,543-544;1975
a	432	2.55gm	n.s.s.	1/60	391.mg	0/40	802.mg	0/40	1.98gm	0/40	
b	432	22.0gm	n.s.s.	2/60	391.mg	0/40	802.mg	0/40	1.98gm	1/40	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology							Brkly Code	
BISPHENOL A (4,4'-isopropylidenediphenol) 80-05-7																
777	TR215	2.27gm	n.s.s.	21/50	626.mg	17/50	1.25gm	19/50								
a	TR215	4.53gm	n.s.s.	0/50	626.mg	1/50	1.25gm	3/50								liv:hpa,hpc,nnd.
b	TR215	6.29gm	n.s.s.	1/50	626.mg	1/50	1.25gm	2/50								lun:a/a,a/c.
778	TR215	179.mg	n.s.s.	2/50	116.mg	9/50	(578.mg)	5/50)								---:leu,lym. S
a	TR215	192.mg	n.s.s.	2/50	116.mg	8/50	(578.mg)	3/50)								S
b	TR215	2.02gm	n.s.s.	0/50	116.mg	0/50	578.mg	3/50								S
c	TR215	701.mg	n.s.s.	23/50	116.mg	28/50	578.mg	24/50								
d	TR215	1.61gm	n.s.s.	16/50	116.mg	14/50	578.mg	10/50								liv:hpa,hpc,nnd.
e	TR215	2.31gm	n.s.s.	7/50	116.mg	2/50	578.mg	4/50								lun:a/a,a/c.
779	TR215	115.mg	n.s.s.	47/50	47.7mg	45/50	95.4mg	38/50								
a	TR215	103.mg	n.s.s.	4/50	47.7mg	6/50	(95.4mg)	0/50)								liv:hpa,hpc,nnd.
780	TR215	231.mg	n.s.s.	0/50	38.1mg	0/50	76.3mg	4/50								S
a	TR215	54.1mg	n.s.s.	39/50	38.1mg	43/50	76.3mg	44/50								
b	TR215	256.mg	n.s.s.	4/50	38.1mg	7/50	76.3mg	2/50								liv:hpa,hpc,nnd.
BLACK PN (brilliant black BN) 2519-30-4																
781	378	262.mg	n.s.s.	0/58	130.mg	0/28	325.mg	0/28	650.mg	0/28	1.30gm	0/29	Drake;fctx,15,503-508;1977			
a	378	2.00gm	n.s.s.	14/58	130.mg	6/28	325.mg	3/28	650.mg	5/28	1.30gm	6/29				
782	378	1.02gm	n.s.s.	9/54	120.mg	1/27	300.mg	8/28	600.mg	5/26	1.20gm	7/29				
a	378	234.mg	n.s.s.	0/54	120.mg	0/27	300.mg	0/28	600.mg	0/26	1.20gm	0/29				
783	1321	177.mg	n.s.s.	0/22	50.0mg	0/22	250.mg	0/23	500.mg	0/24	Gaunt;fctx,10,17-27;1972					
784	1321	144.mg	n.s.s.	0/21	40.0mg	0/23	200.mg	0/22	400.mg	0/21						
C.I. DIRECT BLACK 38 1937-37-7																
785	2147	48.0mg	111.mg	0/20	526.mg	46/59								Asada;arjc,50,45-55;1981		
a	2147	154.mg	603.mg	0/20	526.mg	20/59										
b	2147	18.2mg	53.3mg	0/20	526.mg	57/59										
786	TR108	.992mg	14.8mg	0/10	9.50mg	0/10	18.7mg	0/10	37.5mg	0/10	75.0mg	5/10	150.mg	0/10		
a	TR108	.992mg	14.8mg	0/10	9.50mg	0/10	18.7mg	0/10	37.5mg	0/10	75.0mg	5/10	150.mg	0/10		
b	TR108	.992mg	14.8mg	0/10	9.50mg	0/10	18.7mg	0/10	37.5mg	0/10	75.0mg	5/10	150.mg	0/10	liv:hpa,hpc,nnd.	
787	TR108	.438mg	2.58mg	0/10	7.60mg	0/10	15.0mg	0/10	30.0mg	0/10	60.0mg	9/10	(120.mg)	0/10)	liv:hpc,nnd.	
a	TR108	.755mg	10.1mg	0/10	7.60mg	0/10	15.0mg	0/10	30.0mg	0/10	60.0mg	4/10	120.mg	0/10	S	
b	TR108	.438mg	2.58mg	0/10	7.60mg	0/10	15.0mg	0/10	30.0mg	0/10	60.0mg	9/10	(120.mg)	0/10)		
c	TR108	.438mg	2.58mg	0/10	7.60mg	0/10	15.0mg	0/10	30.0mg	0/10	60.0mg	9/10	(120.mg)	0/10)	liv:hpa,hpc,nnd.	
C.I. DIRECT BLUE 6 2602-46-2																
788	TR108	1.37mg	10.2mg	0/10	9.50mg	0/10	18.7mg	0/10	37.5mg	0/10	75.0mg	0/10	150.mg	7/10	liv:hpc,nnd.	
a	TR108	2.05mg	37.3mg	0/10	9.50mg	0/10	18.7mg	0/10	37.5mg	0/10	75.0mg	0/10	150.mg	4/10	S	
b	TR108	1.37mg	10.2mg	0/10	9.50mg	0/10	18.7mg	0/10	37.5mg	0/10	75.0mg	0/10	150.mg	7/10		
c	TR108	1.37mg	10.2mg	0/10	9.50mg	0/10	18.7mg	0/10	37.5mg	0/10	75.0mg	0/10	150.mg	7/10	liv:hpa,hpc,nnd.	
789	TR108	.532mg	3.59mg	0/10	7.60mg	0/10	15.0mg	0/10	30.0mg	0/10	60.0mg	8/10	(120.mg)	1/10)	liv:hpc,nnd.	
a	TR108	.532mg	3.59mg	0/10	7.60mg	0/10	15.0mg	0/10	30.0mg	0/10	60.0mg	8/10	(120.mg)	1/10)		
b	TR108	.532mg	3.59mg	0/10	7.60mg	0/10	15.0mg	0/10	30.0mg	0/10	60.0mg	8/10	(120.mg)	1/10)	liv:hpa,hpc,nnd.	
C.I. DIRECT BLUE 15 2429-74-5																
790	TR397	15.1mg	32.5mg	16/50	35.5mg	24/35	70.3mg	59/65	141.mg	45/50	asc:adp; cli:ade,anb,car,cnb; col:adp; dsc:adp; duo:muc; jejj:adc,muc; liv:hpc,nnd; mul:mnl; pal:sqc,scp; ski:sqc,scp; ton:sqc,scp; ute:adc,ade; zym:ade,car. C					
a	TR397	30.2mg	80.1mg	7/50	35.5mg	11/35	70.3mg	24/65	141.mg	27/50	cli:ade,anb,car,cnb.					
b	TR397	31.1mg	101.mg	7/50	35.5mg	13/35	70.3mg	27/65	141.mg	15/50						
c	TR397	49.7mg	151.mg	2/50	35.5mg	4/35	70.3mg	19/65	141.mg	15/50	pal:sqc,scp; ton:sqc,scp.					
d	TR397	50.0mg	226.mg	5/50	35.5mg	5/35	70.3mg	12/65	141.mg	12/50	cli:ade,anb. S					
e	TR397	63.4mg	178.mg	0/50	35.5mg	4/35	70.3mg	11/65	141.mg	17/50	zym:ade,car.					
f	TR397	62.4mg	229.mg	2/50	35.5mg	6/35	70.3mg	12/65	141.mg	15/50	cli:car,cnb. S					
g	TR397	56.8mg	1.06gm	6/50	35.5mg	8/35	70.3mg	13/65	141.mg	7/50	ute:esp,ess. S					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
h	TR397	59.3mg	3.45gm	5/50	35.5mg	8/35	70.3mg	12/65	141.mg	5/50		S
i	TR397	71.2mg	344.mg	2/50	35.5mg	3/35	70.3mg	12/65	141.mg	9/50	pal:sqp; ton:sqp.	S
j	TR397	85.9mg	278.mg	0/50	35.5mg	4/35	70.3mg	7/65	141.mg	14/50		S
k	TR397	86.9mg	317.mg	0/50	35.5mg	2/35	70.3mg	11/65	141.mg	7/50		S
l	TR397	79.8mg	377.mg	0/50	35.5mg	2/35	70.3mg	6/65	141.mg	5/50	ski:scq,sqp.	S
m	TR397	85.6mg	442.mg	0/50	35.5mg	2/35	70.3mg	5/65	141.mg	5/50		S
n	TR397	105.mg	484.mg	0/50	35.5mg	1/35	70.3mg	8/65	141.mg	6/50	pal:scq; ton:scq.	S
o	TR397	103.mg	1.38gm	2/50	35.5mg	2/35	70.3mg	4/65	141.mg	7/50	ton:scq,sqp.	S
p	TR397	135.mg	1.48gm	0/50	35.5mg	1/35	70.3mg	5/65	141.mg	3/50		S
q	TR397	151.mg	2.35gm	0/50	35.5mg	1/35	70.3mg	3/65	141.mg	3/50		S
r	TR397	154.mg	1.43gm	0/50	35.5mg	0/35	70.3mg	2/65	141.mg	5/50	liv:hpc,nnd.	S
s	TR397	159.mg	1.92gm	0/50	35.5mg	0/35	70.3mg	2/65	141.mg	4/50		S
t	TR397	186.mg	2.33gm	0/50	35.5mg	0/35	70.3mg	5/65	141.mg	3/50		S
u	TR397	164.mg	n.s.s.	0/50	35.5mg	0/35	70.3mg	3/65	141.mg	1/50	asc:adp; col:adp; dsc:adp.	S
v	TR397	162.mg	n.s.s.	1/50	35.5mg	0/35	70.3mg	1/65	141.mg	4/50	ute:adc,ade.	S
w	TR397	321.mg	n.s.s.	0/50	35.5mg	0/35	70.3mg	1/65	141.mg	3/50	duo:muc; jej:adc,muc.	S
x	TR397	340.mg	n.s.s.	0/50	35.5mg	0/35	70.3mg	0/65	141.mg	3/50	jej:adc,muc.	S
y	TR397	13.5mg	36.2mg	43/50	35.5mg	33/35	70.3mg	64/65	141.mg	49/50		S
z	TR397	154.mg	1.43gm	0/50	35.5mg	0/35	70.3mg	2/65	141.mg	5/50	liv:hpa,hpc,nnd.	S
791	TR397	8.18mg	18.0mg	14/50	31.5mg	27/35	61.7mg	59/65	124.mg	45/50	asc:adp; col:adc,adp; dsc:adp; jej:adc,adp,muc; liv:hpc,nnd; pal:sqp; phr:scq; pre:ade,anb,car,cnb; ski:bca,bcc,sea,scq,sqp; ton:scq,sqp; zym:ade, car.	C
a	TR397	8.38mg	23.1mg	48/50	31.5mg	32/35	61.7mg	61/65	124.mg	43/50	tes:iab,ica.	S
b	TR397	12.2mg	28.2mg	2/50	31.5mg	10/35	61.7mg	29/65	124.mg	28/50	ski:bca,bcc,sea.	S
c	TR397	13.1mg	30.8mg	2/50	31.5mg	9/35	61.7mg	27/65	124.mg	28/50	ski:bca,bcc.	S
d	TR397	14.0mg	35.3mg	2/50	31.5mg	8/35	61.7mg	23/65	124.mg	26/50		S
e	TR397	13.7mg	46.5mg	17/50	31.5mg	19/35	61.7mg	28/65	124.mg	20/50		S
f	TR397	20.7mg	84.2mg	16/50	31.5mg	5/35	61.7mg	21/65	124.mg	17/50	amd:pbb,phc,phm,pob.	S
g	TR397	24.9mg	65.4mg	1/50	31.5mg	10/35	61.7mg	24/65	124.mg	17/50	pal:sqp; phr:scq; ton:scq,sqp.	S
h	TR397	22.1mg	95.2mg	16/50	31.5mg	5/35	61.7mg	19/65	124.mg	17/50	amd:pbb,pob.	S
i	TR397	27.0mg	71.6mg	0/50	31.5mg	9/35	61.7mg	18/65	124.mg	15/50	pal:sqp; ton:sqp.	S
j	TR397	29.0mg	77.1mg	0/50	31.5mg	9/35	61.7mg	17/65	124.mg	15/50		S
k	TR397	15.1mg	310.mg	0/50	31.5mg	4/35	61.7mg	1/65	124.mg	0/50		S
l	TR397	29.3mg	97.2mg	2/50	31.5mg	4/35	61.7mg	11/65	124.mg	19/50	ski:scq,sqp.	S
m	TR397	31.4mg	102.mg	0/50	31.5mg	6/35	61.7mg	9/65	124.mg	11/50	liv:hpc,nnd.	S
n	TR397	29.8mg	148.mg	8/50	31.5mg	5/35	61.7mg	23/65	124.mg	9/50	pre:ade,anb,car,cnb.	S
o	TR397	34.9mg	133.mg	0/50	31.5mg	6/35	61.7mg	8/65	124.mg	7/50		S
p	TR397	36.9mg	267.mg	6/50	31.5mg	2/35	61.7mg	12/65	124.mg	8/50	pre:ade,anb.	S
q	TR397	51.3mg	166.mg	1/50	31.5mg	5/35	61.7mg	10/65	124.mg	20/50	zym:ade,car.	S
r	TR397	45.3mg	178.mg	0/50	31.5mg	1/35	61.7mg	7/65	124.mg	13/50		S
s	TR397	42.9mg	293.mg	2/50	31.5mg	3/35	61.7mg	5/65	124.mg	8/50		S
t	TR397	50.5mg	213.mg	0/50	31.5mg	2/35	61.7mg	4/65	124.mg	10/50		S
u	TR397	41.8mg	464.mg	0/50	31.5mg	4/35	61.7mg	4/65	124.mg	0/50	thy:fca,fcc.	S
v	TR397	50.7mg	279.mg	0/50	31.5mg	1/35	61.7mg	7/65	124.mg	3/50		S
w	TR397	53.4mg	994.mg	2/50	31.5mg	3/35	61.7mg	5/65	124.mg	4/50	sub:fib,sar.	S
x	TR397	73.7mg	267.mg	1/50	31.5mg	3/35	61.7mg	8/65	124.mg	17/50		S
y	TR397	57.0mg	2.72gm	2/50	31.5mg	2/35	61.7mg	5/65	124.mg	3/50		S
z	TR397	60.6mg	2.32gm	2/50	31.5mg	1/35	61.7mg	7/65	124.mg	2/50		S
A	TR397	84.3mg	359.mg	0/50	31.5mg	1/35	61.7mg	6/65	124.mg	8/50	asc:adp; col:adc,adp; dsc:adp.	S
B	TR397	88.4mg	1.09gm	0/50	31.5mg	2/35	61.7mg	2/65	124.mg	4/50		S
C	TR397	131.mg	1.16gm	0/50	31.5mg	1/35	61.7mg	2/65	124.mg	5/50	asc:adp; col:adp; dsc:adp.	S
D	TR397	144.mg	1.66gm	0/50	31.5mg	0/35	61.7mg	4/65	124.mg	3/50		S
E	TR397	129.mg	1.87gm	0/50	31.5mg	0/35	61.7mg	1/65	124.mg	4/50		S
F	TR397	44.4mg	n.s.s.	8/50	31.5mg	9/35	61.7mg	9/65	124.mg	5/50	thy:cca,ccb,ccr,cdb.	S
G	TR397	52.4mg	n.s.s.	5/50	31.5mg	8/35	61.7mg	7/65	124.mg	4/50	thy:cca,cdb.	S
H	TR397	79.1mg	n.s.s.	2/50	31.5mg	3/35	61.7mg	11/65	124.mg	1/50	pre:car,cnb.	S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
I	TR397	85.4mg	n.s.s.	0/50	31.5mg	0/35	61.7mg	3/65	124.mg	0/50		S
J	TR397	117.mg	n.s.s.	1/50	31.5mg	1/35	61.7mg	6/65	124.mg	2/50	phr:sqc; ton:sqc.	S
K	TR397	108.mg	n.s.s.	0/50	31.5mg	1/35	61.7mg	3/65	124.mg	2/50	ton:sqc, sqp.	S
L	TR397	130.mg	n.s.s.	1/50	31.5mg	0/35	61.7mg	4/65	124.mg	2/50		S
M	TR397	188.mg	n.s.s.	0/50	31.5mg	1/35	61.7mg	1/65	124.mg	2/50	bmd:asl; crb:asl.	
N	TR397	484.mg	n.s.s.	0/50	31.5mg	1/35	61.7mg	0/65	124.mg	2/50	jej:adc, adp, muc.	
O	TR397	8.00mg	20.0mg	38/50	31.5mg	34/35	61.7mg	63/65	124.mg	48/50		
P	TR397	31.4mg	102.mg	0/50	31.5mg	6/35	61.7mg	9/65	124.mg	11/50	liv:hpa, hpc, nnd.	
C.I. DIRECT BLUE 218 28407-37-6												
792	TR430	433.mg	1.51gm	10/50	126.mg	15/50	379.mg	21/50	1.26gm	45/50	liv:hpa, hpc.	
a	TR430	480.mg	1.57gm	7/50	126.mg	12/50	379.mg	17/50	1.26gm	41/50		
b	TR430	1.65gm	n.s.s.	5/50	126.mg	5/50	379.mg	6/50	1.26gm	13/50	liv:hpb, hpc.	S
c	TR430	1.76gm	n.s.s.	5/50	126.mg	5/50	379.mg	6/50	1.26gm	12/50		
d	TR430	617.mg	n.s.s.	29/50	126.mg	35/50	379.mg	34/50	1.26gm	46/50		
e	TR430	433.mg	1.51gm	10/50	126.mg	15/50	379.mg	21/50	1.26gm	45/50	liv:hpa, hpb, hpc.	
f	TR430	8.17gm	n.s.s.	5/50	126.mg	7/50	379.mg	4/50	1.26gm	1/50	lun:a/a, a/c.	
793	TR430	571.mg	4.17gm	21/51	117.mg	20/50	352.mg	23/50	1.17gm	45/50	liv:hpa, hpc.	
a	TR430	639.mg	4.52gm	16/51	117.mg	19/50	352.mg	17/50	1.17gm	40/50		
b	TR430	1.41gm	25.6gm	7/51	117.mg	3/50	352.mg	8/50	1.17gm	17/50		
c	TR430	5.31gm	n.s.s.	1/51	117.mg	0/50	352.mg	0/50	1.17gm	3/50		
d	TR430	5.67gm	n.s.s.	0/51	117.mg	2/50	352.mg	1/50	1.17gm	1/50		
e	TR430	11.1gm	n.s.s.	0/51	117.mg	1/50	352.mg	0/50	1.17gm	0/50		
f	TR430	6.22gm	n.s.s.	0/51	117.mg	3/50	352.mg	1/50	1.17gm	1/50	kid:rua, ruc.	
g	TR430	694.mg	n.s.s.	31/51	117.mg	37/50	352.mg	28/50	1.17gm	46/50		
h	TR430	571.mg	4.17gm	21/51	117.mg	20/50	352.mg	23/50	1.17gm	45/50	liv:hpa, hpb, hpc.	
i	TR430	6.02gm	n.s.s.	14/51	117.mg	12/50	352.mg	9/50	1.17gm	5/50	lun:a/a, a/c.	
794	TR430	40.9mg	302.mg	1/51	49.2mg	12/51	(148.mg)	10/50	495.mg	10/50)		S
a	TR430	192.mg	n.s.s.	45/51	49.2mg	46/51	148.mg	46/50	495.mg	45/50		
b	TR430	n.s.s.	n.s.s.	0/51	49.2mg	0/51	148.mg	0/50	495.mg	0/50	liv:hpa, hpb, hpc.	
795	TR430	592.mg	4.46gm	0/50	39.4mg	0/50	119.mg	0/50	396.mg	7/51	pal:bsb, sqc, sqp.	P
a	TR430	636.mg	5.84gm	0/50	39.4mg	0/50	119.mg	0/50	396.mg	6/51	pal:sqc, sqp.	
b	TR430	726.mg	8.98gm	0/50	39.4mg	0/50	119.mg	0/50	396.mg	5/51		
c	TR430	811.mg	n.s.s.	0/50	39.4mg	0/50	119.mg	3/50	396.mg	1/51	for:sqc, sqp.	
d	TR430	952.mg	n.s.s.	0/50	39.4mg	0/50	119.mg	2/50	396.mg	1/51		
e	TR430	1.55gm	n.s.s.	0/50	39.4mg	0/50	119.mg	0/50	396.mg	1/51		
f	TR430	1.88gm	n.s.s.	0/50	39.4mg	0/50	119.mg	0/50	396.mg	1/51		
g	TR430	1.59gm	n.s.s.	0/50	39.4mg	0/50	119.mg	1/50	396.mg	0/51		
h	TR430	192.mg	n.s.s.	44/50	39.4mg	42/50	119.mg	45/50	396.mg	44/51		
i	TR430	713.mg	n.s.s.	5/50	39.4mg	6/50	119.mg	2/50	396.mg	6/51	liv:hpa, hpb, hpc.	
C.I. DISPERSE BLUE 1 2475-45-8												
796	TR299	67.2mg	19.8gm	2/50	76.5mg	12/50	(153.mg)	3/50	319.mg	2/50)		S
a	TR299	275.mg	n.s.s.	29/50	76.5mg	33/50	153.mg	33/50	319.mg	30/50		
b	TR299	904.mg	n.s.s.	3/50	76.5mg	13/50	153.mg	3/50	319.mg	4/50	liv:hpa, hpc, nnd.	
c	TR299	791.mg	n.s.s.	1/50	76.5mg	5/50	153.mg	2/50	319.mg	3/50	lun:a/a, a/c.	
797	TR299	386.mg	n.s.s.	1/50	71.3mg	3/50	143.mg	5/50	297.mg	5/50		S
a	TR299	187.mg	n.s.s.	9/50	71.3mg	21/50	143.mg	20/50	297.mg	16/50	liv:hpa, hpc.	
b	TR299	164.mg	n.s.s.	35/50	71.3mg	44/50	143.mg	34/50	297.mg	34/50		
c	TR299	187.mg	n.s.s.	9/50	71.3mg	21/50	143.mg	20/50	297.mg	16/50	liv:hpa, hpc, nnd.	
d	TR299	275.mg	n.s.s.	4/50	71.3mg	9/50	143.mg	5/50	297.mg	11/50	lun:a/a, a/c.	
798	TR299	92.4mg	192.mg	0/50	61.3mg	0/50	124.mg	17/50	248.mg	37/50	ubl:lei, ley, sqc, sqp, tcc, tpp.	C
a	TR299	131.mg	318.mg	0/50	61.3mg	0/50	124.mg	15/50	248.mg	21/50	ubl:tcc, tpp.	
b	TR299	158.mg	424.mg	0/50	61.3mg	0/50	124.mg	3/50	248.mg	26/50	ubl:lei, ley.	
c	TR299	181.mg	520.mg	0/50	61.3mg	0/50	124.mg	2/50	248.mg	23/50		
d	TR299	186.mg	559.mg	0/50	61.3mg	0/50	124.mg	10/50	248.mg	13/50		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc				Citation or Pathology	Brkly Code
e	TR299	192.mg	571.mg	0/50	61.3mg	0/50	124.mg	9/50	248.mg	15/50			
f	TR299	338.mg	1.55gm	0/50	61.3mg	0/50	124.mg	1/50	248.mg	11/50		ubl:sqc,scp.	
g	TR299	454.mg	3.15gm	0/50	61.3mg	0/50	124.mg	1/50	248.mg	7/50			
h	TR299	579.mg	10.3gm	0/50	61.3mg	0/50	124.mg	1/50	248.mg	4/50			
i	TR299	599.mg	10.9gm	0/50	61.3mg	0/50	124.mg	1/50	248.mg	4/50			
j	TR299	135.mg	n.s.s.	10/50	61.3mg	21/50	124.mg	20/50	248.mg	15/50			S
k	TR299	139.mg	n.s.s.	12/50	61.3mg	24/50	124.mg	20/50	248.mg	16/50		pit:can; pni:isc.	S
l	TR299	65.7mg	1.28gm	44/50	61.3mg	41/50	124.mg	45/50	248.mg	43/50		liv:hpa,hpc,nnd.	
m	TR299	1.04gm	n.s.s.	1/50	61.3mg	0/50	124.mg	2/50	248.mg	0/50			
799	TR299	63.0mg	130.mg	0/50	49.3mg	0/50	99.0mg	17/50	198.mg	45/50		ubl:lei,ley,scp,scp,tcc,ttp.	C
a	TR299	86.9mg	196.mg	0/50	49.3mg	0/50	99.0mg	7/50	198.mg	41/50		ubl:lei,ley.	
b	TR299	88.0mg	200.mg	0/50	49.3mg	0/50	99.0mg	6/50	198.mg	41/50			
c	TR299	141.mg	463.mg	0/50	49.3mg	0/50	99.0mg	10/50	198.mg	11/50		ubl:tcc,ttp.	
d	TR299	183.mg	910.mg	0/50	49.3mg	0/50	99.0mg	8/50	198.mg	4/50			
e	TR299	178.mg	4.62gm	1/50	49.3mg	2/50	99.0mg	5/50	198.mg	3/50		pni:isa,isc.	S
f	TR299	249.mg	1.18gm	0/50	49.3mg	0/50	99.0mg	4/50	198.mg	8/50			
g	TR299	311.mg	3.41gm	0/50	49.3mg	0/50	99.0mg	2/50	198.mg	4/50		ubl:sqc,scp.	
h	TR299	401.mg	15.0gm	0/50	49.3mg	0/50	99.0mg	1/50	198.mg	3/50			
i	TR299	548.mg	99.7gm	0/50	49.3mg	0/50	99.0mg	0/50	198.mg	3/50			S
j	TR299	41.2mg	n.s.s.	44/50	49.3mg	44/50	99.0mg	38/50	198.mg	16/50			S
k	TR299	187.mg	n.s.s.	2/50	49.3mg	4/50	99.0mg	5/50	198.mg	3/50		thy:cca,ccr.	S
l	TR299	213.mg	n.s.s.	1/50	49.3mg	2/50	99.0mg	4/50	198.mg	3/50			S
m	TR299	278.mg	n.s.s.	1/50	49.3mg	0/50	99.0mg	4/50	198.mg	2/50			S
n	TR299	24.9mg	79.8mg	49/50	49.3mg	49/50	99.0mg	47/50	198.mg	46/50			
o	TR299	540.mg	n.s.s.	4/50	49.3mg	2/50	99.0mg	2/50	198.mg	0/50		liv:hpa,hpc,nnd.	

FD & C BLUE NO. 1 (brilliant blue FCF) 3844-45-9

800	1976	60.6gm	n.s.s.	0/120	650.mg	0/60	1.95gm	0/60	6.50gm	1/60		Borzelleca;fctx,28,221-234;1990	
a	1976	64.1gm	n.s.s.	1/120	650.mg	0/60	1.95gm	0/60	6.50gm	1/60			
b	1976	58.1gm	n.s.s.	1/120	650.mg	1/60	1.95gm	0/60	6.50gm	1/60			
c	1976	73.5gm	n.s.s.	1/120	650.mg	1/60	1.95gm	1/60	6.50gm	0/60			
d	1976	93.1gm	n.s.s.	5/120	650.mg	1/60	1.95gm	1/60	6.50gm	0/60			
e	1976	5.61gm	n.s.s.	2/120	650.mg	0/60	1.95gm	0/60	6.50gm	0/60			
801	1976	29.4gm	n.s.s.	0/120	600.mg	1/60	1.80gm	1/60	6.00gm	2/60			
a	1976	43.6gm	n.s.s.	0/120	600.mg	1/60	1.80gm	0/60	6.00gm	1/60			
b	1976	55.9gm	n.s.s.	0/120	600.mg	0/60	1.80gm	0/60	6.00gm	1/60			
c	1976	47.9gm	n.s.s.	8/120	600.mg	2/60	1.80gm	3/60	6.00gm	2/60			
d	1976	5.18gm	n.s.s.	1/120	600.mg	0/60	1.80gm	0/60	6.00gm	0/60			
e	1976	53.3gm	n.s.s.	4/120	600.mg	0/60	1.80gm	2/60	6.00gm	1/60			
f	1976	5.18gm	n.s.s.	1/120	600.mg	0/60	1.80gm	0/60	6.00gm	0/60			
g	1976	5.18gm	n.s.s.	3/120	600.mg	0/60	1.80gm	0/60	6.00gm	0/60			
802	415	10.1gm	n.s.s.	0/24	225.mg	0/24	450.mg	0/24	900.mg	0/24	2.25gm	1/24	Hansen;txap,8,29-36;1966
a	415	3.75gm	n.s.s.	7/24	225.mg	10/24	450.mg	7/24	900.mg	9/24	2.25gm	6/24	

FD & C BLUE NO. 2 (indigo carmine) 860-22-0

803	411	432.mg	n.s.s.	0/50	260.mg	0/28	520.mg	0/19	1.04gm	0/18	2.08gm	0/25	Hooson;fctx,13,167-176;1975
a	411	6.04gm	n.s.s.	3/50	260.mg	0/28	520.mg	0/19	1.04gm	1/18	2.08gm	1/25	
804	411	3.49gm	n.s.s.	1/42	240.mg	1/23	480.mg	1/17	960.mg	0/18	1.92gm	2/24	
a	411	4.04gm	n.s.s.	3/42	240.mg	7/23	480.mg	0/17	960.mg	1/18	1.92gm	2/24	
805	1698	9.55gm	n.s.s.	30/120	650.mg	15/57	1.95gm	15/48	6.50gm	20/60			Borzelleca;fctx,23,719-722;1985
a	1698	14.1gm	n.s.s.	50/120	650.mg	20/57	1.95gm	20/48	6.50gm	22/60			
806	1698	7.54gm	n.s.s.	26/119	600.mg	13/55	1.80gm	19/58	6.00gm	19/60			
a	1698	11.0gm	n.s.s.	22/119	600.mg	8/55	1.80gm	16/58	6.00gm	13/60			
807	415	1.98gm	n.s.s.	6/24	225.mg	5/24	450.mg	5/24	900.mg	4/24	2.25gm	11/24	Hansen;txap,8,29-36;1966

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
HC BLUE NO. 1 2784-94-3										
808	TR271	129.mg	274.mg	3/50	379.mg	33/50	765.mg	47/50		liv:hpa,hpc. S
	a	TR271	150.mg	304.mg	1/50	379.mg	24/50	765.mg	47/50	
	b	TR271	314.mg	4.97gm	2/50	379.mg	11/50	(765.mg	4/50)	S
	c	TR271	199.mg	1.72gm	29/50	379.mg	35/50	765.mg	47/50	
	d	TR271	129.mg	274.mg	3/50	379.mg	33/50	765.mg	47/50	liv:hpa,hpc,nnd.
	e	TR271	2.59gm	n.s.s.	4/50	379.mg	2/50	765.mg	2/50	lun:a/a,a/c.
809	1860m	19.7mg	91.7mg	3/38	151.mg	20/22				Burnett;fctx,25,703-707;1987/pers.comm.
	a	1860m	56.4mg	302.mg	2/38	151.mg	13/22			
	b	1860m	77.2mg	499.mg	1/38	151.mg	10/22			
810	1860n	41.2mg	177.mg	3/38	252.mg	20/23				
	a	1860n	48.9mg	201.mg	2/38	252.mg	19/23			
	b	1860n	300.mg	n.s.s.	1/38	252.mg	4/23			
811	1860o	33.8mg	291.mg	0/10	195.mg	7/10				
	a	1860o	54.2mg	1.03gm	0/10	195.mg	5/10			
	b	1860o	85.8mg	n.s.s.	0/10	195.mg	3/10			
812	1860r	28.5mg	95.5mg	3/38	195.mg	33/36				
	a	1860r	91.4mg	358.mg	2/38	195.mg	20/36			
	b	1860r	103.mg	402.mg	1/38	195.mg	18/36			
813	1860s	n.s.s.	162.mg	0/10	390.mg	10/10				
	a	1860s	n.s.s.	162.mg	0/10	390.mg	10/10			
	b	1860s	172.mg	n.s.s.	0/10	390.mg	3/10			
814	1860u	n.s.s.	106.mg	3/38	390.mg	36/36				
	a	1860u	45.8mg	163.mg	2/38	390.mg	34/36			
	b	1860u	515.mg	n.s.s.	1/38	390.mg	7/36			
815	TR271	142.mg	1.13gm	15/50	176.mg	31/50	355.mg	37/50		liv:hpa,hpc. S
	a	TR271	133.mg	6.59gm	4/50	176.mg	17/50	(355.mg	10/50)	S
	b	TR271	202.mg	1.61gm	11/50	176.mg	20/50	355.mg	31/50	liv:hpc; thy:fca. C
	c	TR271	210.mg	1.95gm	11/50	176.mg	20/50	355.mg	30/50	
	d	TR271	846.mg	39.1gm	0/50	176.mg	0/50	355.mg	5/50	
	e	TR271	165.mg	n.s.s.	36/50	176.mg	44/50	355.mg	43/50	
	f	TR271	142.mg	1.13gm	15/50	176.mg	31/50	355.mg	37/50	liv:hpa,hpc,nnd.
	g	TR271	1.12gm	n.s.s.	5/50	176.mg	6/50	355.mg	3/50	lun:a/a,a/c.
816	TR271	185.mg	n.s.s.	5/50	72.9mg	9/50	148.mg	14/50		S
	a	TR271	299.mg	n.s.s.	1/50	72.9mg	3/50	148.mg	7/50	lun:a/a,a/c.
	b	TR271	453.mg	n.s.s.	0/50	72.9mg	1/50	148.mg	4/50	
	c	TR271	108.mg	n.s.s.	45/50	72.9mg	43/50	148.mg	45/50	
	d	TR271	809.mg	n.s.s.	0/50	72.9mg	1/50	148.mg	1/50	liv:hpa,hpc,nnd.
817	TR271	334.mg	n.s.s.	1/50	58.3mg	0/50	118.mg	6/50		liv:hpc,nnd.
	a	TR271	499.mg	n.s.s.	0/50	58.3mg	0/50	118.mg	3/50	S
	b	TR271	117.mg	n.s.s.	41/50	58.3mg	41/50	118.mg	37/50	
	c	TR271	334.mg	n.s.s.	1/50	58.3mg	0/50	118.mg	6/50	liv:hpa,hpc,nnd.
HC BLUE NO. 1 (PURIFIED) 2784-94-3										
818	1860m	n.s.s.	162.mg	0/10	390.mg	10/10				Burnett;fctx,25,703-707;1987/pers.comm.
	a	1860m	31.2mg	277.mg	0/10	390.mg	9/10			
	b	1860m	224.mg	n.s.s.	0/10	390.mg	2/10			
819	1860n	31.7mg	141.mg	3/38	390.mg	35/36				
	a	1860n	66.1mg	210.mg	2/38	390.mg	32/36			
	b	1860n	275.mg	1.41gm	1/38	390.mg	14/36			
HC BLUE NO. 2 33229-34-4										
820	TR293	2.24gm	n.s.s.	31/50	1.29gm	19/50	2.58gm	22/50		
	a	TR293	4.32gm	n.s.s.	7/50	1.29gm	1/50	2.58gm	8/50	liv:hpa,hpc,nnd.
	b	TR293	8.92gm	n.s.s.	1/50	1.29gm	3/50	2.58gm	0/50	lun:a/a,a/c.
821	TR293	416.mg	n.s.s.	4/50	594.mg	14/50	(1.19gm	9/50)		ski:fbs, fib; sub:fbs, fib. S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc						Citation or Pathology	Brkly Code
a	TR293	1.77gm	n.s.s.	1/50	594.mg	5/50	1.19gm	8/50						---	:mlh,mlm,mlp. S
b	TR293	2.35gm	n.s.s.	0/50	594.mg	2/50	1.19gm	5/50							S
c	TR293	777.mg	n.s.s.	23/50	594.mg	33/50	1.19gm	37/50							
d	TR293	1.18gm	n.s.s.	10/50	594.mg	16/50	1.19gm	18/50						liv:hpa,hpc,nnd.	
e	TR293	2.44gm	n.s.s.	5/50	594.mg	9/50	1.19gm	6/50						lun:a/a,a/c.	
822	TR293	3.08gm	n.s.s.	0/50	495.mg	2/50	990.mg	3/50						liv:hpc,nnd.	S
a	TR293	800.mg	n.s.s.	43/50	495.mg	36/50	990.mg	41/50							
b	TR293	3.08gm	n.s.s.	0/50	495.mg	2/50	990.mg	3/50						liv:hpa,hpc,nnd.	
823	TR293	902.mg	n.s.s.	0/50	198.mg	3/50	396.mg	5/50							S
a	TR293	302.mg	n.s.s.	43/50	198.mg	33/50	(396.mg)	32/50)							
b	TR293	2.26gm	n.s.s.	1/50	198.mg	0/50	396.mg	2/50						liv:hpa,hpc,nnd.	
GARDENIA BLUE COLOR 526194-45-6															
824	2508	15.7gm	n.s.s.	1/50	1.25gm	2/50	2.50gm	1/50						Imazawa;fctx,38,313-318;2000	
825	2508	13.1gm	n.s.s.	2/50	1.00gm	1/50	2.00gm	2/50							
BORIC ACID 10043-35-3															
826	TR324	777.mg	n.s.s.	25/50	319.mg	27/50	638.mg	26/50							
a	TR324	1.77gm	n.s.s.	5/50	319.mg	4/50	638.mg	6/50						liv:hpa,hpc,nnd.	
b	TR324	1.38gm	n.s.s.	1/50	319.mg	5/50	638.mg	4/50						lun:a/a,a/c.	
827	TR324	296.mg	27.8gm	14/50	296.mg	19/50	591.mg	15/50						liv:hpa,hpc.	S
a	TR324	308.mg	5.24gm	2/50	296.mg	10/50	(591.mg)	2/50)						sub:fbs,fib,nfs,srn.	S
b	TR324	425.mg	45.2gm	1/50	296.mg	7/50	(591.mg)	2/50)						sub:fbs,nfs,srn.	S
c	TR324	500.mg	n.s.s.	5/50	296.mg	12/50	591.mg	8/50							S
d	TR324	218.mg	n.s.s.	31/50	296.mg	37/50	591.mg	23/50							
e	TR324	296.mg	27.8gm	14/50	296.mg	19/50	591.mg	15/50						liv:hpa,hpc,nnd.	
f	TR324	799.mg	n.s.s.	11/50	296.mg	11/50	591.mg	4/50						lun:a/a,a/c.	
BROMATE, POTASSIUM 7758-01-2															
828	2318	202.mg	n.s.s.	0/20	15.0mg	0/20	30.0mg	1/20	60.0mg	4/20	240.mg	2/20		Takamura;srtu,32,43-46;1985	
a	2318	577.mg	n.s.s.	0/20	15.0mg	0/20	30.0mg	0/20	60.0mg	1/20	240.mg	0/20			
b	2318	196.mg	n.s.s.	10/20	15.0mg	14/20	30.0mg	7/20	60.0mg	8/20	240.mg	9/20			
829	1789	480.mg	n.s.s.	0/46	75.0mg	3/48	150.mg	3/47						Kurokawa;enhp,69,221-235;1986	
a	1789	369.mg	n.s.s.	3/46	75.0mg	3/48	150.mg	8/47							
b	1789	449.mg	n.s.s.	3/46	75.0mg	3/48	150.mg	6/47							
c	1789	549.mg	n.s.s.	2/46	75.0mg	1/48	150.mg	5/47							
d	1789	163.mg	n.s.s.	15/46	75.0mg	16/48	150.mg	22/47							
830	2348m	3.79mg	n.s.s.	0/7	13.3mg	0/7	66.7mg	0/7	133.mg	0/6				DeAngelo;txpy,26,587-594;1998/pers.comm.	
831	2348n	8.07mg	n.s.s.	0/7	13.3mg	0/7	66.7mg	0/7	133.mg	0/5					
832	2348o	20.4mg	861.mg	0/40	13.3mg	5/38	(66.7mg)	3/41	133.mg	1/44)					
a	2348o	28.0mg	n.s.s.	0/40	13.3mg	3/38	(66.7mg)	1/41	133.mg	0/44)					
833	719	56.4mg	n.s.s.	0/53	6.50mg	1/54	9.75mg	0/52						Ginocchio;fctx,17,41-47;1979	
834	719	21.3mg	n.s.s.	0/35	6.00mg	0/46	9.00mg	0/53							
a	719	63.9mg	n.s.s.	1/35	6.00mg	1/46	9.00mg	0/53							
835	1550	9.90mg	19.5mg	0/47	14.2mg	28/50	28.3mg	39/49						Kurokawa;jnci,71,965-972;1983	
a	1550	11.7mg	23.7mg	0/47	14.2mg	21/50	28.3mg	39/49							
b	1550	49.6mg	234.mg	0/47	14.2mg	8/50	28.3mg	9/49							
c	1550	48.2mg	7.87gm	3/52	14.2mg	10/52	28.3mg	12/52							
d	1550	220.mg	n.s.s.	2/52	14.2mg	1/52	28.3mg	2/52							
e	1550	3.96mg	62.6mg	44/52	14.2mg	48/52	28.3mg	52/52							
836	1550	6.93mg	13.9mg	3/53	12.4mg	32/53	22.5mg	46/52							
a	1550	9.00mg	18.6mg	3/53	12.4mg	24/53	22.5mg	44/52							
b	1550	16.1mg	49.8mg	6/53	12.4mg	17/52	22.5mg	28/46							
c	1550	22.5mg	124.mg	0/53	12.4mg	10/53	(22.5mg)	5/52)							
d	1550	62.8mg	n.s.s.	2/53	12.4mg	7/53	22.5mg	6/52							
e	1550	n.s.s.	n.s.s.	53/53	12.4mg	53/53	22.5mg	52/52							

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	1761	155.mg	n.s.s.	5/45	62.0mg	1/29					
c	1761	134.mg	n.s.s.	8/45	62.0mg	2/29					
BROMOCRIPTINE MESYLATE (Parlodel) 22260-51-1											
848	2302	102.mg	n.s.s.	10/50	2.00mg	11/50	10.0mg	11/50	50.0mg	7/50	Richardson;stnd,19-63;1984/pers.comm.
a	2302	262.mg	n.s.s.	1/50	2.00mg	3/50	10.0mg	1/50	50.0mg	0/50	
b	2302	26.9mg	n.s.s.	29/50	2.00mg	22/50	10.0mg	26/50	50.0mg	28/50	
849	2302	37.0mg	n.s.s.	19/50	2.00mg	17/50	10.0mg	20/50	50.0mg	20/50	
a	2302	48.3mg	n.s.s.	19/50	2.00mg	15/50	10.0mg	10/50	50.0mg	17/50	
b	2302	18.0mg	n.s.s.	32/50	2.00mg	26/50	10.0mg	32/50	50.0mg	34/50	
850	2302	16.4mg	120.mg	0/50	1.80mg	2/50	9.90mg	8/49	(44.5mg	9/50)	
a	2302	55.2mg	649.mg	0/50	1.80mg	2/50	9.90mg	7/49	44.5mg	9/50	
b	2302	310.mg	n.s.s.	0/50	1.80mg	0/50	9.90mg	1/49	44.5mg	0/50	
c	2302	14.0mg	n.s.s.	0/50	1.80mg	0/50	9.90mg	0/49	44.5mg	0/50	
d	2302	3.94mg	n.s.s.	44/50	1.80mg	29/50	(9.90mg	26/49	44.5mg	20/50)	
851	2302	14.0mg	n.s.s.	0/50	1.80mg	0/50	9.90mg	0/50	44.5mg	0/50	
a	2302	128.mg	n.s.s.	28/50	1.80mg	30/50	9.90mg	28/50	44.5mg	19/50	
BROMODICHLOROMETHANE (dichlorobromomethane) 75-27-4											
852	TR321	18.6mg	52.2mg	3/50	52.0mg	18/50	104.mg	29/50			liv:hpa,hpc.
a	TR321	22.8mg	65.0mg	1/50	52.0mg	13/50	104.mg	23/50			
b	TR321	69.9mg	734.mg	2/50	52.0mg	5/50	104.mg	10/50			
c	TR321	47.5mg	n.s.s.	2/50	52.0mg	7/50	(104.mg	1/50)			mul:mlh; spl:mlh. S
d	TR321	26.3mg	n.s.s.	34/50	52.0mg	31/50	104.mg	35/50			
e	TR321	18.6mg	52.2mg	3/50	52.0mg	18/50	104.mg	29/50			liv:hpa,hpc,nnd.
f	TR321	176.mg	n.s.s.	1/50	52.0mg	2/50	104.mg	3/50			lun:a/a,a/c.
853	TR321	28.1mg	1.51gm	0/50	17.5mg	5/50	(35.0mg	3/50)			S
a	TR321	61.8mg	n.s.s.	1/50	17.5mg	2/50	35.0mg	9/50			kid:tla,uac.
b	TR321	80.4mg	n.s.s.	1/50	17.5mg	2/50	35.0mg	6/50			
c	TR321	116.mg	n.s.s.	0/50	17.5mg	0/50	35.0mg	4/50			
d	TR321	42.5mg	n.s.s.	38/50	17.5mg	36/50	35.0mg	35/50			
e	TR321	51.4mg	n.s.s.	17/50	17.5mg	16/50	35.0mg	20/50			liv:hpa,hpc,nnd.
f	TR321	158.mg	n.s.s.	12/50	17.5mg	3/50	35.0mg	7/50			lun:a/a,a/c.
854	TR321	52.7mg	150.mg	0/50	34.7mg	1/50	70.1mg	24/50			col:acn,apn; kid:tla,uac. C
a	TR321	79.8mg	294.mg	0/50	34.7mg	1/50	70.1mg	15/50			kid:tla,uac.
b	TR321	103.mg	505.mg	0/50	34.7mg	0/50	70.1mg	12/50			col:acn,apn.
c	TR321	128.mg	934.mg	0/50	34.7mg	0/50	70.1mg	9/50			
d	TR321	152.mg	5.11gm	0/50	34.7mg	1/50	70.1mg	6/50			
e	TR321	157.mg	2.04gm	0/50	34.7mg	0/50	70.1mg	7/50			
f	TR321	168.mg	4.92gm	0/50	34.7mg	0/50	70.1mg	6/50			
g	TR321	73.5mg	n.s.s.	48/50	34.7mg	43/50	70.1mg	43/50			
h	TR321	303.mg	n.s.s.	1/50	34.7mg	3/50	70.1mg	1/50			liv:hpa,hpc,nnd.
855	TR321	21.7mg	43.8mg	0/50	35.0mg	13/50	70.1mg	46/50			col:acn,apn; kid:tla,uac; rec:acn,apn. C
a	TR321	22.0mg	44.5mg	0/50	35.0mg	13/50	70.1mg	45/50			col:acn,apn; rec:acn,apn.
b	TR321	24.9mg	53.3mg	0/50	35.0mg	11/50	70.1mg	38/50			col:acn; rec:acn.
c	TR321	36.8mg	89.2mg	0/50	35.0mg	3/50	70.1mg	33/50			col:apn; rec:apn.
d	TR321	81.6mg	345.mg	0/50	35.0mg	1/50	70.1mg	13/50			kid:tla,uac.
e	TR321	103.mg	603.mg	0/50	35.0mg	0/50	70.1mg	10/50			
f	TR321	143.mg	n.s.s.	0/50	35.0mg	3/50	70.1mg	3/50			S
g	TR321	149.mg	n.s.s.	0/50	35.0mg	2/50	70.1mg	4/50			lun:a/a,a/c. S
h	TR321	169.mg	n.s.s.	0/50	35.0mg	2/50	70.1mg	3/50			S
i	TR321	201.mg	n.s.s.	0/50	35.0mg	1/50	70.1mg	3/50			
j	TR321	37.0mg	n.s.s.	43/50	35.0mg	41/50	70.1mg	47/50			
k	TR321	207.mg	n.s.s.	1/50	35.0mg	0/50	70.1mg	4/50			liv:hpa,hpc,nnd.
856	1681	307.mg	1.51gm	0/18	94.9mg	17/53					Tumasonis;eaes,9,233-240;1985
857	1681	382.mg	n.s.s.	1/22	83.7mg	10/47					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc						Citation or Pathology	Brkly Code
a	1681	920.mg	n.s.s.	5/22	83.7mg	6/47									
BROMOETHANE		(ethyl bromide)		74-96-4											
858	TR363	356.mg	855.mg	0/50	137.mg	4/50	275.mg	5/50	550.mg	27/50				ute:acn,adn,sgc.	
a	TR363	387.mg	981.mg	0/50	137.mg	3/50	275.mg	4/50	550.mg	25/50				ute:acn,adn.	S
b	TR363	434.mg	1.15gm	0/50	137.mg	3/50	275.mg	4/50	550.mg	22/50				ute:acn,sgc.	S
c	TR363	503.mg	1.47gm	0/50	137.mg	2/50	275.mg	3/50	550.mg	19/50					S
d	TR363	1.17gm	11.3gm	0/50	137.mg	1/50	275.mg	1/50	550.mg	6/50					S
e	TR363	1.67gm	n.s.s.	0/50	137.mg	1/50	275.mg	1/50	550.mg	3/50					S
f	TR363	275.mg	16.5gm	27/50	137.mg	24/50	275.mg	29/50	550.mg	37/50					
g	TR363	1.47gm	n.s.s.	5/50	137.mg	6/50	275.mg	6/50	550.mg	3/50				liv:hpa,hpc,nnd.	
h	TR363	1.19gm	n.s.s.	6/50	137.mg	3/50	275.mg	5/50	550.mg	6/50				lun:a/a,a/c.	
859	TR363	481.mg	n.s.s.	7/50	115.mg	6/50	229.mg	12/50	458.mg	15/50				lun:a/a,a/c.	
a	TR363	965.mg	n.s.s.	2/50	115.mg	0/50	229.mg	5/50	458.mg	6/50					S
b	TR363	328.mg	n.s.s.	30/50	115.mg	30/50	229.mg	34/50	458.mg	33/50					
c	TR363	537.mg	n.s.s.	21/50	115.mg	18/50	229.mg	20/50	458.mg	22/50				liv:hpa,hpc,nnd.	
d	TR363	481.mg	n.s.s.	7/50	115.mg	6/50	229.mg	12/50	458.mg	15/50				lun:a/a,a/c.	
860	TR363	373.mg	n.s.s.	0/50	32.7mg	1/50	65.5mg	1/50	131.mg	3/50					
a	TR363	388.mg	n.s.s.	0/50	32.7mg	0/50	65.5mg	0/50	131.mg	3/50					
b	TR363	99.5mg	n.s.s.	49/50	32.7mg	46/50	65.5mg	40/50	131.mg	44/50					
c	TR363	178.mg	n.s.s.	1/50	32.7mg	0/50	65.5mg	4/50	(131.mg	0/50)				liv:hpa,hpc,nnd.	
861	TR363	339.mg	n.s.s.	0/50	22.9mg	0/50	45.8mg	0/50	91.7mg	3/50					S
a	TR363	49.7mg	n.s.s.	8/50	22.9mg	23/50	45.8mg	18/50	91.7mg	21/50				amd:phe,phm.	
b	TR363	47.4mg	n.s.s.	8/50	22.9mg	28/50	45.8mg	21/50	91.7mg	22/50				amd:phe,phm; bra:ast,gcl,gln,oli; lun:a/a,a/c.	P
c	TR363	219.mg	n.s.s.	0/50	22.9mg	0/50	45.8mg	4/50	91.7mg	1/50				lun:a/a,a/c.	
d	TR363	259.mg	n.s.s.	0/50	22.9mg	3/50	45.8mg	1/50	91.7mg	1/50					
e	TR363	557.mg	n.s.s.	0/50	22.9mg	3/50	45.8mg	0/50	91.7mg	0/50				bra:ast,gln,oli.	
f	TR363	63.2mg	n.s.s.	43/50	22.9mg	47/50	45.8mg	47/50	91.7mg	43/50					
g	TR363	358.mg	n.s.s.	2/50	22.9mg	0/50	45.8mg	0/50	91.7mg	3/50				liv:hpa,hpc,nnd.	
BROMOETHANOL		540-51-2													
862	1761	32.8mg	215.mg	1/50	71.0mg	10/29								Van Durren;tcam,5,393-403;1985	
a	1761	130.mg	n.s.s.	0/50	71.0mg	1/29									
b	1761	141.mg	n.s.s.	1/50	71.0mg	1/29									
c	1761	30.8mg	1.68gm	7/50	71.0mg	12/29									
863	1761	37.9mg	315.mg	1/45	76.0mg	9/29									
a	1761	255.mg	n.s.s.	0/45	76.0mg	0/29									
b	1761	190.mg	n.s.s.	5/45	76.0mg	1/29									
c	1761	33.5mg	n.s.s.	8/45	76.0mg	12/29									
C.I. DIRECT BROWN 95		16071-86-6													
864	TR108	.765mg	9.32mg	0/10	9.50mg	0/10	18.7mg	0/10	37.5mg	0/10	75.0mg	5/10	(150.mg	0/10)	liv:hpc,nnd.
a	TR108	.765mg	9.32mg	0/10	9.50mg	0/10	18.7mg	0/10	37.5mg	0/10	75.0mg	5/10	(150.mg	0/10)	
b	TR108	.765mg	9.32mg	0/10	9.50mg	0/10	18.7mg	0/10	37.5mg	0/10	75.0mg	5/10	(150.mg	0/10)	liv:hpa,hpc,nnd.
865	TR108	n.s.s.	n.s.s.	0/10	7.60mg	0/10	15.0mg	0/10	30.0mg	0/10	60.0mg	0/10	120.mg	0/10	
a	TR108	n.s.s.	n.s.s.	0/10	7.60mg	0/10	15.0mg	0/10	30.0mg	0/10	60.0mg	0/10	120.mg	0/10	liv:hpa,hpc,nnd.
BUDESONIDE		51333-22-3													
866	2059	.131mg	2.88mg	11/200	50.0ug	16/100								Ryrfeldt;txpy,20,115-117;1992	
a	2059	.186mg	n.s.s.	7/200	50.0ug	10/100									
b	2059	.256mg	n.s.s.	4/200	50.0ug	6/100									
1,3-BUTADIENE		106-99-0													
867	TR288	30.6mg	106.mg	4/50	435.mg	30/50	(869.mg	44/50)						---:mno; for:sgp; hea:hes; liv:hpa,hpc; lun:a/a,a/c; mgl:acc; ova:gcc,gct.	C
a	TR288	73.4mg	333.mg	0/50	435.mg	13/50	(869.mg	19/50)						hea:hes; liv:hes; sub:hes.	S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
b	TR288	126.mg	411.mg	3/50	435.mg	12/50	869.mg	23/50								lun:a/a,a/c.
c	TR288	91.8mg	825.mg	0/50	435.mg	6/50	(869.mg	8/50)								
d	TR288	153.mg	585.mg	3/50	435.mg	9/50	869.mg	20/50								
e	TR288	114.mg	1.03gm	1/50	435.mg	10/50	(869.mg	10/50)								
f	TR288	179.mg	483.mg	0/50	435.mg	11/50	869.mg	18/50								
g	TR288	214.mg	728.mg	0/50	435.mg	6/50	869.mg	13/50								ova:gcc,gct.
h	TR288	133.mg	2.44gm	0/50	435.mg	4/50	(869.mg	1/50)								for:sqc,sqp. S
i	TR288	140.mg	5.15gm	0/50	435.mg	3/50	(869.mg	1/50)								
j	TR288	252.mg	1.03gm	0/50	435.mg	5/50	869.mg	10/50								for:ppn, sqc, sqp. S
k	TR288	259.mg	1.10gm	0/50	435.mg	4/50	869.mg	10/50								for:ppn, sqp. S
l	TR288	462.mg	4.19gm	0/50	435.mg	2/50	869.mg	6/50								
m	TR288	496.mg	6.82gm	0/50	435.mg	2/50	869.mg	5/50								liv:hpa,hpc.
n	TR288	596.mg	36.9gm	0/50	435.mg	1/50	869.mg	4/50								
o	TR288	1.23gm	n.s.s.	0/50	435.mg	0/50	869.mg	1/50								
p	TR288	25.1mg	75.8mg	6/50	435.mg	40/50	(869.mg	46/50)								
q	TR288	496.mg	6.82gm	0/50	435.mg	2/50	869.mg	5/50								liv:hpa,hpc,nnd.
r	TR288	126.mg	411.mg	3/50	435.mg	12/50	869.mg	23/50								lun:a/a,a/c.
868	TR434	4.92mg	9.63mg	28/50	4.26mg	36/50	13.7mg	39/50	42.8mg	45/50	139.mg	48/50	435.mg	71/80	---:hcs,mlm,mlp, mlu,mly; for:sqc,sqp; hag:adc,ade,anb; hea:hes; liv:hpa,hpc; lun:a/a,a/c,adc; mgl:adc,ado,mtm; ova: ade,gcb,gcm,mtb. C	
a	TR434	8.55mg	19.5mg	4/50	4.26mg	15/50	13.7mg	19/50	42.8mg	24/50	139.mg	25/50	435.mg	22/80	lun:a/a,a/c,adc. S	
b	TR434	12.9mg	35.5mg	4/50	4.26mg	11/50	13.7mg	12/50	42.8mg	17/50	139.mg	14/50	435.mg	17/80	S	
c	TR434	13.7mg	44.6mg	15/50	4.26mg	14/50	13.7mg	15/50	42.8mg	19/50	139.mg	16/50	435.mg	2/80	liv:hpa,hpc.	
d	TR434	15.3mg	39.1mg	0/50	4.26mg	5/50	13.7mg	11/50	42.8mg	9/50	139.mg	19/50	435.mg	8/80	lun:a/c,adc. S	
e	TR434	16.1mg	47.2mg	8/50	4.26mg	10/50	13.7mg	7/50	42.8mg	15/50	139.mg	20/50	435.mg	9/80	hag:adc,ade,anb. S	
f	TR434	16.1mg	47.3mg	8/50	4.26mg	10/50	13.7mg	6/50	42.8mg	15/50	139.mg	20/50	435.mg	9/80	hag:ade,anb. S	
g	TR434	16.3mg	50.9mg	9/50	4.26mg	14/50	13.7mg	18/50	42.8mg	11/50	139.mg	16/50	435.mg	36/80	---:hcs,mlm,mlp, mlu,mly. S	
h	TR434	16.3mg	61.6mg	11/50	4.26mg	10/50	13.7mg	9/50	42.8mg	14/50	139.mg	12/50	(435.mg	1/80)	S	
i	TR434	21.6mg	59.1mg	5/50	4.26mg	3/50	13.7mg	3/50	42.8mg	9/50	139.mg	24/50	435.mg	27/80	---:hem,hes. S	
j	TR434	19.6mg	74.7mg	6/50	4.26mg	12/50	13.7mg	11/50	42.8mg	7/50	139.mg	9/50	435.mg	32/80	---:mlm,mlp,mlu, mly. S	
k	TR434	26.3mg	75.0mg	3/50	4.26mg	2/50	13.7mg	2/50	42.8mg	5/50	139.mg	23/50	435.mg	27/80	S	
l	TR434	28.0mg	80.9mg	0/50	4.26mg	2/50	13.7mg	4/50	42.8mg	12/50	139.mg	15/50	435.mg	16/80	mgl:adc,ado,mtm. S	
m	TR434	26.6mg	125.mg	4/50	4.26mg	6/50	13.7mg	8/50	42.8mg	9/50	139.mg	8/50	435.mg	1/80	S	
n	TR434	34.9mg	133.mg	1/50	4.26mg	0/50	13.7mg	1/50	42.8mg	9/50	139.mg	8/50	435.mg	6/80	ova:gcb,gcm.	
o	TR434	36.6mg	171.mg	1/50	4.26mg	3/50	13.7mg	6/50	42.8mg	3/50	139.mg	8/50	435.mg	31/80		
p	TR434	35.1mg	256.mg	2/50	4.26mg	4/50	13.7mg	1/50	42.8mg	4/50	139.mg	6/50	435.mg	2/80	ova:ade,mtb.	
q	TR434	39.8mg	192.mg	0/50	4.26mg	0/50	13.7mg	3/50	42.8mg	2/50	139.mg	4/50	435.mg	22/80	for:sqc,sqp.	
r	TR434	40.5mg	237.mg	0/50	4.26mg	1/50	13.7mg	2/50	42.8mg	6/50	139.mg	4/50	435.mg	0/80	S	
s	TR434	49.3mg	174.mg	0/50	4.26mg	2/50	13.7mg	2/50	42.8mg	6/50	139.mg	11/50	435.mg	12/80	S	
t	TR434	47.4mg	235.mg	1/50	4.26mg	0/50	13.7mg	1/50	42.8mg	6/50	139.mg	6/50	435.mg	6/80	ova:gcb,glb. S	
u	TR434	60.0mg	161.mg	0/50	4.26mg	0/50	13.7mg	0/50	42.8mg	1/50	139.mg	21/50	435.mg	23/80		
v	TR434	54.2mg	431.mg	3/50	4.26mg	2/50	13.7mg	7/50	42.8mg	4/50	139.mg	7/50	435.mg	4/80		
w	TR434	51.7mg	337.mg	0/50	4.26mg	0/50	13.7mg	2/50	42.8mg	1/50	139.mg	3/50	435.mg	16/80	S	
x	TR434	57.9mg	434.mg	1/50	4.26mg	2/50	13.7mg	3/50	42.8mg	5/50	139.mg	3/50	435.mg	3/80	sub:nfs,sar. S	
y	TR434	58.8mg	437.mg	1/50	4.26mg	2/50	13.7mg	2/50	42.8mg	5/50	139.mg	3/50	435.mg	3/80	S	
z	TR434	68.7mg	790.mg	0/50	4.26mg	0/50	13.7mg	0/50	42.8mg	3/50	139.mg	2/50	435.mg	0/80	S	
A	TR434	73.1mg	622.mg	0/50	4.26mg	0/50	13.7mg	0/50	42.8mg	2/50	139.mg	5/50	435.mg	1/80	S	
B	TR434	77.9mg	1.04gm	0/50	4.26mg	0/50	13.7mg	1/50	42.8mg	1/50	139.mg	1/50	435.mg	6/80	S	
C	TR434	199.mg	246.gm	0/50	4.26mg	0/50	13.7mg	0/50	42.8mg	0/50	139.mg	2/50	435.mg	0/80		
D	TR434	869.mg	13.2gm	0/50	4.26mg	0/50	13.7mg	0/50	42.8mg	0/50	139.mg	0/50	435.mg	4/80	S	
E	TR434	808.mg	55.7gm	0/50	4.26mg	0/50	13.7mg	0/50	42.8mg	0/50	139.mg	0/50	435.mg	2/80	zym:ade,car. S	
F	TR434	55.2mg	n.s.s.	2/50	4.26mg	4/50	13.7mg	1/50	42.8mg	2/50	139.mg	1/50	435.mg	1/80	S	
G	TR434	4.65mg	8.91mg	35/50	4.26mg	47/50	13.7mg	43/50	42.8mg	48/50	139.mg	49/50	435.mg	72/80		
H	TR434	13.7mg	44.6mg	15/50	4.26mg	14/50	13.7mg	15/50	42.8mg	19/50	139.mg	16/50	435.mg	2/80	liv:hpa,hpc,nnd.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
I	TR434	9.48mg	21.9mg	4/50	4.26mg	13/50	13.7mg	18/50	42.8mg	22/50	139.mg	24/50	435.mg	22/80	lun:a/a,a/c.	
869	TR288	17.5mg	50.0mg	2/50	362.mg	43/50	(724.mg	39/50)							---:mno; for:ppn,sqp; hea:hes; lun:a/a,a/c.	C
a	TR288	38.7mg	128.mg	2/50	362.mg	14/50	724.mg	15/50							lun:a/a,a/c.	
b	TR288	51.1mg	198.mg	0/50	362.mg	16/50	(724.mg	7/50)								
c	TR288	51.1mg	198.mg	0/50	362.mg	16/50	(724.mg	8/50)							hea:hes; pec:hes.	S
d	TR288	54.4mg	203.mg	2/50	362.mg	12/50	724.mg	11/50								
e	TR288	70.1mg	158.mg	0/50	362.mg	23/50	724.mg	29/50								
f	TR288	49.6mg	391.mg	0/50	362.mg	7/50	(724.mg	1/50)							for:ppn,sqc,sqp.	S
g	TR288	53.3mg	600.mg	0/50	362.mg	5/50	(724.mg	0/50)							for:ppn,sqp.	
h	TR288	126.mg	1.08gm	0/50	362.mg	2/50	724.mg	5/50								
i	TR288	150.mg	1.92gm	0/50	362.mg	3/50	724.mg	2/50							pre:can,sqc.	S
j	TR288	181.mg	4.83gm	0/50	362.mg	3/50	724.mg	1/50								S
k	TR288	197.mg	4.31gm	0/50	362.mg	4/50	724.mg	1/50							for:scq,sqp.	S
l	TR288	17.3mg	52.5mg	10/50	362.mg	44/50	(724.mg	40/50)								
m	TR288	149.mg	n.s.s.	8/50	362.mg	6/50	724.mg	2/50							liv:hpa,hpc,nnd.	
n	TR288	38.7mg	128.mg	2/50	362.mg	14/50	724.mg	15/50							lun:a/a,a/c.	
870	TR434	7.80mg	15.3mg	42/50	3.55mg	38/50	11.4mg	44/50	35.6mg	47/50	114.mg	49/50	362.mg	62/73	---:hcs,mlh,mlm,	
					mlp,mlu,mly;				for:scq,sqp; hag:adc,ade,anb;						hea:hes; kid:rua; liv:hpa,hpc; lun:a/a,a/c,adc; pre:car.	C
a	TR434	12.6mg	32.9mg	21/50	3.55mg	23/50	11.4mg	19/50	35.6mg	31/50	114.mg	35/50	362.mg	3/73	lun:a/a,a/c,adc.	
b	TR434	14.9mg	43.3mg	21/50	3.55mg	23/50	11.4mg	30/50	35.6mg	25/50	114.mg	33/50	362.mg	5/73	liv:hpa,hpc.	
c	TR434	17.5mg	41.5mg	6/50	3.55mg	7/50	11.4mg	9/50	35.6mg	20/50	114.mg	31/50	362.mg	6/73	hag:adc,ade,anb.	
d	TR434	18.4mg	45.0mg	6/50	3.55mg	7/50	11.4mg	8/50	35.6mg	19/50	114.mg	30/50	362.mg	6/73	hag:ade,anb.	S
e	TR434	20.5mg	58.0mg	5/50	3.55mg	6/50	11.4mg	11/50	35.6mg	12/50	114.mg	22/50	362.mg	3/73	lun:a/c,adc.	S
f	TR434	19.7mg	69.3mg	18/50	3.55mg	20/50	11.4mg	10/50	35.6mg	25/50	114.mg	21/50	362.mg	3/73		S
g	TR434	20.5mg	65.6mg	13/50	3.55mg	13/50	11.4mg	19/50	35.6mg	16/50	114.mg	24/50	362.mg	5/73		S
h	TR434	20.5mg	68.2mg	11/50	3.55mg	16/50	11.4mg	16/50	35.6mg	17/50	114.mg	26/50	362.mg	1/73		S
i	TR434	24.5mg	63.4mg	2/50	3.55mg	5/50	11.4mg	3/50	35.6mg	11/50	114.mg	24/50	362.mg	4/73	---:hem,hes.	S
j	TR434	28.6mg	78.7mg	1/50	3.55mg	4/50	11.4mg	3/50	35.6mg	7/50	114.mg	24/50	362.mg	4/73		S
k	TR434	40.8mg	101.mg	4/50	3.55mg	2/50	11.4mg	8/50	35.6mg	11/50	114.mg	9/50	362.mg	55/73	---:hcs,mlh,mlm,	
															mlp,mlu,mly.	S
l	TR434	38.8mg	114.mg	0/50	3.55mg	0/50	11.4mg	1/50	35.6mg	5/50	114.mg	20/50	362.mg	4/73		
m	TR434	60.0mg	174.mg	4/50	3.55mg	2/50	11.4mg	4/50	35.6mg	6/50	114.mg	2/50	362.mg	51/73	---:mlh,mlm,mlp,	
															mlu,mly.	
n	TR434	82.9mg	372.mg	0/50	3.55mg	0/50	11.4mg	4/50	35.6mg	5/50	114.mg	7/50	362.mg	4/73		
o	TR434	93.7mg	248.mg	2/50	3.55mg	0/50	11.4mg	2/50	35.6mg	4/50	114.mg	2/50	362.mg	49/73		
p	TR434	91.0mg	494.mg	1/50	3.55mg	0/50	11.4mg	0/50	35.6mg	1/50	114.mg	8/50	362.mg	4/73	for:scq,sqp.	
q	TR434	85.7mg	3.26gm	0/50	3.55mg	1/50	11.4mg	1/50	35.6mg	3/50	114.mg	2/50	362.mg	0/73		S
r	TR434	98.7mg	674.mg	1/50	3.55mg	0/50	11.4mg	0/50	35.6mg	1/50	114.mg	7/50	362.mg	2/73		S
s	TR434	131.mg	1.52gm	0/50	3.55mg	0/50	11.4mg	0/50	35.6mg	0/50	114.mg	5/50	362.mg	0/73		
t	TR434	92.1mg	n.s.s.	0/50	3.55mg	1/50	11.4mg	0/50	35.6mg	3/50	114.mg	1/50	362.mg	0/73		
u	TR434	97.0mg	n.s.s.	0/50	3.55mg	1/50	11.4mg	1/50	35.6mg	1/50	114.mg	2/50	362.mg	0/73		
v	TR434	164.mg	n.s.s.	0/50	3.55mg	1/50	11.4mg	1/50	35.6mg	0/50	114.mg	3/50	362.mg	0/73		S
w	TR434	n.s.s.	n.s.s.	0/50	3.55mg	0/50	11.4mg	0/50	35.6mg	0/50	114.mg	0/50	362.mg	0/73		
x	TR434	n.s.s.	n.s.s.	0/50	3.55mg	0/50	11.4mg	0/50	35.6mg	0/50	114.mg	0/50	362.mg	0/73		
y	TR434	7.76mg	15.1mg	44/50	3.55mg	40/50	11.4mg	45/50	35.6mg	48/50	114.mg	49/50	362.mg	62/73		
z	TR434	14.9mg	43.3mg	21/50	3.55mg	23/50	11.4mg	30/50	35.6mg	25/50	114.mg	33/50	362.mg	5/73	liv:hpa,hpc,nnd.	
A	TR434	12.8mg	33.8mg	21/50	3.55mg	23/50	11.4mg	18/50	35.6mg	30/50	114.mg	35/50	362.mg	3/73	lun:a/a,a/c.	
871	TR434a	3.14mg	12.8mg	38/50	90.3mg	50/50			---:hcs,mlm,mlp,mly;						for:scq,sqp; hag:adc,ade,adi,anb; hea:hes; kid:ade,rua;	
															liv:hpa; lun:a/a,a/c,adc; pre:car,cnb.	C
a	TR434a	3.25mg	17.2mg	21/50	90.3mg	32/50									lun:a/a,a/c,adc.	
b	TR434a	3.90mg	24.2mg	18/50	90.3mg	26/50										S
c	TR434a	3.83mg	29.2mg	2/50	90.3mg	34/50									---:hem,hes.	S
d	TR434a	3.99mg	30.6mg	1/50	90.3mg	34/50										S
e	TR434a	4.19mg	45.1mg	5/50	90.3mg	16/50									lun:a/c,adc.	S
f	TR434a	5.55mg	30.1mg	6/50	90.3mg	30/50									hag:adc,ade,adi,anb.	
g	TR434a	5.73mg	38.4mg	21/50	90.3mg	25/50									liv:hpa,hpb,hpc.	S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
h	TR434a	4.42mg	30.6mg	0/50	90.3mg	33/50				
i	TR434a	5.90mg	42.0mg	21/50	90.3mg	24/50			liv:hpa,hpc.	S
j	TR434a	5.97mg	35.0mg	6/50	90.3mg	28/50			hag:ade,anb.	S
k	TR434a	5.76mg	51.1mg	13/50	90.3mg	19/50				
l	TR434a	4.83mg	145.mg	0/50	90.3mg	4/50			pre:car,cnb.	
m	TR434a	7.97mg	102.mg	4/50	90.3mg	15/50			---:hcs,mlm,mlp,mly.	S
n	TR434a	13.5mg	226.mg	11/50	90.3mg	11/50			liv:hpb,hpc.	S
o	TR434a	7.30mg	203.mg	1/50	90.3mg	9/50			for:sqc,sqp.	
p	TR434a	9.93mg	342.mg	4/50	90.3mg	8/50			---:mlm,mlp,mly.	
q	TR434a	14.4mg	341.mg	11/50	90.3mg	10/50				S
r	TR434a	14.4mg	2.13gm	2/50	90.3mg	4/50			---:mlm,mly.	S
s	TR434a	8.51mg	1.67gm	1/50	90.3mg	4/50				S
t	TR434a	15.0mg	1.69gm	0/50	90.3mg	2/50			hag:adc,adi.	S
u	TR434a	32.2mg	434.mg	0/50	90.3mg	7/50				
v	TR434a	54.0mg	670.mg	0/50	90.3mg	5/50				S
w	TR434a	44.1mg	2.09gm	0/50	90.3mg	3/50			kid:ade,rua.	
x	TR434a	12.9mg	n.s.s.	2/50	90.3mg	4/50				
y	TR434a	n.s.s.	n.s.s.	0/50	90.3mg	0/50				
z	TR434a	n.s.s.	n.s.s.	0/50	90.3mg	0/50				
A	TR434a	18.8mg	n.s.s.	1/50	90.3mg	0/50				
B	TR434a	18.8mg	n.s.s.	1/50	90.3mg	0/50				
C	TR434a	n.s.s.	n.s.s.	0/50	90.3mg	0/50				
D	TR434a	3.03mg	12.3mg	44/50	90.3mg	50/50				
E	TR434a	5.90mg	42.0mg	21/50	90.3mg	24/50			liv:hpa,hpc,nnd.	
F	TR434a	3.27mg	17.6mg	21/50	90.3mg	31/50			lun:a/a,a/c.	
872	TR434b	5.96mg	27.1mg	38/50	44.5mg	47/50	---	hcs,mlm,mlp,mly; for:sqc,sqp; hag:adc,ade,anb; hea:hes; kid:rua; liv:hpa; lun:a/a,a/c; pre:car,cnb.	C	
a	TR434b	5.99mg	25.4mg	21/50	44.5mg	36/50			lun:a/a,a/c.	
b	TR434b	8.37mg	38.5mg	5/50	44.5mg	22/50				S
c	TR434b	8.75mg	44.4mg	21/50	44.5mg	33/50			liv:hpa,hpc.	S
d	TR434b	9.19mg	38.5mg	2/50	44.5mg	20/50			---:hem,hes.	S
e	TR434b	9.53mg	37.5mg	6/50	44.5mg	27/50			hag:adc,ade,anb.	
f	TR434b	9.67mg	39.1mg	6/50	44.5mg	26/50			hag:ade,anb.	S
g	TR434b	9.14mg	46.7mg	13/50	44.5mg	27/50				
h	TR434b	8.53mg	63.0mg	18/50	44.5mg	24/50				S
i	TR434b	10.8mg	47.6mg	1/50	44.5mg	17/50				S
j	TR434b	11.1mg	48.2mg	0/50	44.5mg	15/50				
k	TR434b	24.5mg	259.mg	4/50	44.5mg	13/50			---	hcs,mlm,mlp,mly. S
l	TR434b	44.7mg	670.mg	0/50	44.5mg	5/50				
m	TR434b	49.3mg	1.60gm	0/50	44.5mg	4/50				
n	TR434b	23.9mg	n.s.s.	11/50	44.5mg	14/50				S
o	TR434b	27.8mg	n.s.s.	1/50	44.5mg	4/50				S
p	TR434b	34.5mg	n.s.s.	4/50	44.5mg	8/50			---	mlm,mlp,mly.
q	TR434b	41.0mg	n.s.s.	2/50	44.5mg	6/50				
r	TR434b	41.5mg	n.s.s.	1/50	44.5mg	3/50				
s	TR434b	41.5mg	n.s.s.	1/50	44.5mg	3/50			for:sqc,sqp.	
t	TR434b	57.1mg	n.s.s.	0/50	44.5mg	1/50			pre:ade,car,cnb.	
u	TR434b	57.1mg	n.s.s.	0/50	44.5mg	1/50			pre:car,cnb.	
v	TR434b	130.mg	n.s.s.	0/50	44.5mg	2/50				
w	TR434b	63.3mg	n.s.s.	2/50	44.5mg	2/50			---	mlm,mly.
x	TR434b	102.mg	n.s.s.	0/50	44.5mg	1/50				
y	TR434b	62.7mg	n.s.s.	1/50	44.5mg	1/50			zym:ade,car.	
z	TR434b	n.s.s.	n.s.s.	0/50	44.5mg	0/50				
A	TR434b	n.s.s.	n.s.s.	0/50	44.5mg	0/50				
B	TR434b	5.83mg	28.7mg	44/50	44.5mg	49/50				
C	TR434b	8.75mg	44.4mg	21/50	44.5mg	33/50			liv:hpa,hpc,nnd.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
D	TR434b	5.99mg	25.4mg	21/50	44.5mg	36/50				lun:a/a,a/c.
873	TR434c	6.27mg	24.4mg	38/50	90.5mg	49/50	---:hcs,mlm,mlp,mly; bra:ogm; for:sgc,sgp; hag:adc,ade,adi,anb; hea:hes; kid:rua; liv:hpa; lun:a/a,a/c; pre:car,cnb.			C
a	TR434c	5.01mg	36.8mg	21/50	90.5mg	17/50				lun:a/a,a/c.
b	TR434c	5.62mg	57.0mg	18/50	90.5mg	12/50				S
c	TR434c	4.72mg	56.1mg	1/50	90.5mg	14/50				S
d	TR434c	4.72mg	56.1mg	2/50	90.5mg	14/50			---:hem,hes.	S
e	TR434c	4.74mg	62.0mg	5/50	90.5mg	11/50				S
f	TR434c	4.76mg	64.3mg	0/50	90.5mg	13/50				
g	TR434c	6.72mg	71.9mg	6/50	90.5mg	13/50			hag:ade,anb.	S
h	TR434c	6.72mg	71.9mg	6/50	90.5mg	13/50			hag:adc,ade,adi,anb.	
i	TR434c	8.28mg	77.1mg	21/50	90.5mg	13/50			liv:hpa,hpc.	S
j	TR434c	8.28mg	77.1mg	21/50	90.5mg	13/50			liv:hpa,hpb,hpc.	S
k	TR434c	4.99mg	390.mg	0/50	90.5mg	3/50			pre:car,cnb.	
l	TR434c	4.99mg	390.mg	0/50	90.5mg	3/50			pre:ade,car,cnb.	S
m	TR434c	8.53mg	103.mg	13/50	90.5mg	11/50				
n	TR434c	13.0mg	55.5mg	4/50	90.5mg	35/50			---:hcs,mlm,mlp,mly.	S
o	TR434c	13.5mg	62.6mg	4/50	90.5mg	33/50			---:mlm,mlp,mly.	
p	TR434c	21.1mg	84.8mg	2/50	90.5mg	30/50				
q	TR434c	13.0mg	1.02gm	11/50	90.5mg	4/50			liv:hpb,hpc.	S
r	TR434c	13.0mg	1.02gm	11/50	90.5mg	4/50				S
s	TR434c	36.1mg	227.mg	1/50	90.5mg	10/50			for:sgc,sgp.	
t	TR434c	24.5mg	1.19gm	2/50	90.5mg	3/50			---:mlm,mly.	S
u	TR434c	25.1mg	3.58gm	0/50	90.5mg	2/50				
v	TR434c	25.1mg	3.58gm	1/50	90.5mg	2/50			zym:ade,car.	S
w	TR434c	41.3mg	533.mg	0/50	90.5mg	6/50				S
x	TR434c	97.1mg	1.71gm	1/50	90.5mg	4/50				S
y	TR434c	90.5mg	n.s.s.	0/50	90.5mg	2/50				
z	TR434c	65.7mg	n.s.s.	0/50	90.5mg	1/50				
A	TR434c	157.mg	n.s.s.	0/50	90.5mg	1/50				
B	TR434c	n.s.s.	n.s.s.	0/50	90.5mg	0/50				
C	TR434c	n.s.s.	n.s.s.	1/50	90.5mg	0/50				
D	TR434c	6.22mg	24.0mg	44/50	90.5mg	49/50				
E	TR434c	8.28mg	77.1mg	21/50	90.5mg	13/50			liv:hpa,hpc,nd.	
F	TR434c	5.01mg	36.8mg	21/50	90.5mg	17/50			lun:a/a,a/c.	
874	TR434d	3.95mg	14.6mg	38/50	45.2mg	49/50	---:hcs,mlm,mlp,mly; bra:ogm,onm; for:sgc,sgp; hag:adc,ade,adi,anb; hea:hes; kid:rua; liv:hpa; lun:a/a,a/c,adc; pre:car,cnb.			C
a	TR434d	4.42mg	20.5mg	21/50	45.2mg	28/50			lun:a/a,a/c,adc.	
b	TR434d	5.73mg	27.0mg	6/50	45.2mg	23/50			hag:adc,ade,adi,anb.	
c	TR434d	6.87mg	35.0mg	5/50	45.2mg	18/50			lun:a/c,adc.	S
d	TR434d	7.17mg	36.3mg	6/50	45.2mg	20/50			hag:ade,anb.	S
e	TR434d	7.17mg	45.5mg	21/50	45.2mg	24/50			liv:hpa,hpc.	S
f	TR434d	7.17mg	45.5mg	21/50	45.2mg	24/50			liv:hpa,hpb,hpc.	S
g	TR434d	7.78mg	44.7mg	2/50	45.2mg	14/50			---:hem,hes.	S
h	TR434d	7.56mg	68.5mg	18/50	45.2mg	17/50				S
i	TR434d	7.86mg	58.2mg	13/50	45.2mg	19/50				
j	TR434d	9.92mg	58.7mg	1/50	45.2mg	12/50				S
k	TR434d	9.57mg	99.0mg	11/50	45.2mg	14/50			liv:hpb,hpc.	S
l	TR434d	9.57mg	99.0mg	11/50	45.2mg	14/50				S
m	TR434d	12.4mg	61.8mg	4/50	45.2mg	24/50			---:hcs,mlm,mlp,mly.	S
n	TR434d	12.4mg	108.mg	0/50	45.2mg	7/50				
o	TR434d	16.2mg	86.4mg	4/50	45.2mg	22/50			---:mlm,mlp,mly.	
p	TR434d	13.4mg	264.mg	0/50	45.2mg	4/50				S
q	TR434d	14.6mg	226.mg	1/50	45.2mg	7/50			for:sgc,sgp.	
r	TR434d	13.7mg	449.mg	1/50	45.2mg	4/50				S
s	TR434d	19.2mg	358.mg	0/50	45.2mg	4/50			hag:adc,adi.	S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
t	TR434d	33.3mg	175.mg	2/50	45.2mg	17/50					
u	TR434d	21.1mg	2.84gm	0/50	45.2mg	2/50					
v	TR434d	43.9mg	550.mg	0/50	45.2mg	5/50			pre:ade,car,cnb.	S	
w	TR434d	56.7mg	1.32gm	0/50	45.2mg	4/50			pre:car,cnb.		
x	TR434d	21.6mg	n.s.s.	2/50	45.2mg	5/50			---:mlm,mly.	S	
y	TR434d	27.3mg	n.s.s.	1/50	45.2mg	4/50				S	
z	TR434d	32.8mg	n.s.s.	0/50	45.2mg	1/50					
A	TR434d	51.0mg	n.s.s.	0/50	45.2mg	2/50					
B	TR434d	79.6mg	n.s.s.	0/50	45.2mg	2/50					
C	TR434d	93.4mg	n.s.s.	0/50	45.2mg	2/50					
D	TR434d	34.2mg	n.s.s.	1/50	45.2mg	2/50			zym:ade,car.		
E	TR434d	3.87mg	15.0mg	44/50	45.2mg	49/50					
F	TR434d	7.17mg	45.5mg	21/50	45.2mg	24/50			liv:hpa,hpc,nnd.		
G	TR434d	4.42mg	20.5mg	21/50	45.2mg	28/50			lun:a/a,a/c.		
875	1829	78.0mg	341.mg	50/100	166.mg	79/100	(1.32gm	81/100)	Owen;amih,48,407-413;1987		
a	1829	110.mg	428.mg	32/100	166.mg	64/100	(1.32gm	55/100)			
b	1829	4.26gm	24.8gm	0/100	166.mg	2/100	1.32gm	10/100			
c	1829	2.91gm	n.s.s.	18/100	166.mg	15/100	1.32gm	26/100			
d	1829	893.mg	n.s.s.	97/100	166.mg	98/100	1.32gm	94/100			
876	1829	3.58gm	52.9gm	0/100	116.mg	3/100	927.mg	8/100			
a	1829	3.98gm	136.gm	3/100	116.mg	1/100	927.mg	10/100			
b	1829	550.mg	n.s.s.	84/100	116.mg	70/100	927.mg	87/100			
2-BUTOXYETHANOL 111-76-2											
877	TR484	812.mg	4.70gm	0/50	94.4mg	1/50	189.mg	2/50	378.mg	6/50	for:sqc,sqp.
a	TR484	889.mg	58.5gm	0/50	94.4mg	1/50	189.mg	2/50	378.mg	5/50	
b	TR484	498.mg	n.s.s.	43/50	94.4mg	38/50	189.mg	38/50	378.mg	35/50	
c	TR484	704.mg	n.s.s.	22/50	94.4mg	16/50	189.mg	18/50	378.mg	18/50	liv:hpa,hpb,hpc.
d	TR484	2.22gm	n.s.s.	7/50	94.4mg	4/50	189.mg	5/50	378.mg	1/50	lun:a/a,a/c.
878	TR484	248.mg	3.39gm	10/50	78.9mg	11/50	158.mg	16/50	316.mg	21/50	
a	TR484	725.mg	22.6gm	0/50	78.9mg	1/50	158.mg	2/50	316.mg	4/50	
b	TR484	575.mg	n.s.s.	1/50	78.9mg	1/50	158.mg	4/50	316.mg	5/50	---:hem,hes.
c	TR484	689.mg	n.s.s.	1/50	78.9mg	1/50	158.mg	2/50	316.mg	5/50	S
d	TR484	954.mg	n.s.s.	1/50	78.9mg	1/50	158.mg	2/50	316.mg	2/50	
e	TR484	145.mg	n.s.s.	42/50	78.9mg	33/50	158.mg	36/50	316.mg	41/50	
f	TR484	187.mg	n.s.s.	30/50	78.9mg	24/50	158.mg	31/50	316.mg	30/50	liv:hpa,hpb,hpc.
g	TR484	412.mg	n.s.s.	14/50	78.9mg	8/50	158.mg	12/50	316.mg	11/50	lun:a/a,a/c.
879	TR484	80.5mg	n.s.s.	3/50	11.2mg	4/50	22.5mg	1/50	45.1mg	8/50	amd:phm,pob.
a	TR484	15.9mg	n.s.s.	47/50	11.2mg	48/50	22.5mg	50/50	45.1mg	48/50	
b	TR484	n.s.s.	n.s.s.	0/50	11.2mg	0/50	22.5mg	0/50	45.1mg	0/50	liv:hpa,hpb,hpc.
880	TR484	22.4mg	n.s.s.	48/50	7.89mg	49/50	15.8mg	50/50	31.6mg	50/50	
a	TR484	108.mg	n.s.s.	1/50	7.89mg	3/50	15.8mg	0/50	31.6mg	2/50	liv:hpa,hpb,hpc.
tert-BUTYL ALCOHOL 75-65-0											
881	TR436	8.89gm	n.s.s.	2/60	982.mg	3/60	1.96gm	2/60	3.95gm	9/60	thy:fab,fca.
a	TR436	3.91gm	n.s.s.	54/60	982.mg	54/60	1.96gm	55/60	3.95gm	53/60	
b	TR436	6.19gm	n.s.s.	41/60	982.mg	44/60	1.96gm	40/60	3.95gm	36/60	liv:hpa,hpb,hpc.
c	TR436	17.4gm	n.s.s.	4/60	982.mg	5/60	1.96gm	6/60	3.95gm	3/60	lun:a/a,a/c.
882	TR436	8.73gm	n.s.s.	1/60	824.mg	0/60	1.65gm	4/60	3.30gm	2/60	thy:fca,fcc.
a	TR436	1.31gm	n.s.s.	56/60	824.mg	56/60	1.65gm	56/60	3.30gm	43/60	
b	TR436	1.43gm	n.s.s.	48/60	824.mg	52/60	1.65gm	54/60	3.30gm	36/60	liv:hpa,hpb,hpc.
c	TR436	8.92gm	n.s.s.	15/60	824.mg	8/60	1.65gm	9/60	3.30gm	6/60	lun:a/a,a/c.
883	TR436	153.mg	n.s.s.	48/50	141.mg	47/50	282.mg	43/50	564.mg	45/50	
a	TR436	2.03gm	n.s.s.	1/50	141.mg	1/50	282.mg	0/50	564.mg	1/50	liv:hpa,hpb,hpc.
884	TR436	30.4mg	926.mg	34/50	61.7mg	31/50	123.mg	31/50	247.mg	33/50	tes:iab,ica.
a	TR436	68.3mg	n.s.s.	1/50	61.7mg	3/50	123.mg	4/50	247.mg	3/50	kid:rab,rua,ruc.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
b	TR436	68.3mg	n.s.s.	1/50	61.7mg	3/50	123.mg	4/50	247.mg	3/50		kid:rab,rua.
c	TR436	29.0mg	1.37gm	49/50	61.7mg	48/50	123.mg	49/50	247.mg	46/50		
d	TR436	1.94gm	n.s.s.	1/50	61.7mg	1/50	123.mg	0/50	247.mg	0/50		liv:hpa,hpb,hpc.
885	TR436	31.8mg	226.mg	8/50	61.7mg	11/50	123.mg	19/50	247.mg	13/50		
a	TR436	31.7mg	242.mg	8/50	61.7mg	13/50	123.mg	19/50	247.mg	13/50		kid:rua,ruc.
BUTYL BENZYL PHTHALATE 85-68-7												
886	TR213	1.64gm	n.s.s.	33/50	762.mg	27/50	1.53gm	31/50				
a	TR213	2.90gm	n.s.s.	2/50	762.mg	5/50	1.53gm	6/50				liv:hpa,hpc,nnd.
b	TR213	3.57gm	n.s.s.	8/50	762.mg	3/50	(1.53gm	3/50)				lun:a/a,a/c.
887	TR213	2.39gm	n.s.s.	38/50	710.mg	31/50	1.41gm	26/50				
a	TR213	2.49gm	n.s.s.	13/50	710.mg	12/50	1.41gm	14/50				liv:hpa,hpc,nnd.
b	TR213	5.49gm	n.s.s.	17/50	710.mg	11/50	1.41gm	8/50				lun:a/a,a/c.
888	TR213	639.mg	n.s.s.	7/49	296.mg	7/49	589.mg	19/50				----:leu,lym.
a	TR213	673.mg	n.s.s.	7/49	296.mg	7/49	589.mg	18/50				
b	TR213	402.mg	n.s.s.	44/49	296.mg	37/49	589.mg	45/50				
c	TR213	1.65gm	n.s.s.	1/49	296.mg	1/49	589.mg	4/50				liv:hpa,hpc,nnd.
889	TR458	5.73gm	n.s.s.	0/50	300.mg	0/50	600.mg	0/50	1.20gm	2/50		
a	TR458	7.42gm	n.s.s.	1/50	300.mg	0/50	600.mg	0/50	1.20gm	2/50		
b	TR458	1.10gm	n.s.s.	49/50	300.mg	48/50	600.mg	45/50	1.20gm	42/50		
c	TR458	4.23gm	n.s.s.	0/50	300.mg	0/50	600.mg	1/50	1.20gm	2/50		liv:hpa,hpb,hpc.
890	TR213	n.s.s.	n.s.s.	0/50	228.mg	0/50	456.mg	0/50				
a	TR213	n.s.s.	n.s.s.	0/50	228.mg	0/50	456.mg	0/50				liv:hpa,hpc,nnd.
891	TR458	475.mg	20.9gm	3/50	120.mg	2/50	240.mg	3/50	480.mg	11/50		
a	TR458	127.mg	n.s.s.	1/50	120.mg	6/50	(240.mg	1/50)	480.mg	0/50)		S
b	TR458	492.mg	n.s.s.	3/50	120.mg	2/50	240.mg	3/50	480.mg	10/50		
c	TR458	1.22gm	n.s.s.	0/50	120.mg	1/50	240.mg	0/50	480.mg	3/50		thy:fca,fcc. S
d	TR458	204.mg	n.s.s.	46/50	120.mg	44/50	240.mg	47/50	480.mg	49/50		
e	TR458	1.13gm	n.s.s.	2/50	120.mg	2/50	240.mg	1/50	480.mg	4/50		liv:hpa,hpb,hpc.
n-BUTYL CHLORIDE 109-69-3												
892	TR312	592.mg	n.s.s.	0/50	350.mg	4/50						S
a	TR312	295.mg	n.s.s.	31/50	350.mg	29/50						
b	TR312	442.mg	n.s.s.	3/50	350.mg	8/50						liv:hpa,hpc,nnd.
c	TR312	411.mg	n.s.s.	3/50	350.mg	9/50						lun:a/a,a/c.
893	TR312a	198.mg	n.s.s.	35/50	176.mg	35/50						
a	TR312a	521.mg	n.s.s.	9/50	176.mg	7/50						liv:hpa,hpc,nnd.
b	TR312a	366.mg	n.s.s.	6/50	176.mg	8/50						lun:a/a,a/c.
894	TR312	359.mg	n.s.s.	12/50	354.mg	13/50	707.mg	15/50				liv:hpa,hpc. S
a	TR312	1.03gm	n.s.s.	1/50	354.mg	3/50	707.mg	4/50	bom:hes; k/p:hes; liv:hes; mul:hes; omt:hes; spl:hes; thx:hes. S			
b	TR312	199.mg	49.9gm	32/50	354.mg	38/50	707.mg	29/50				
c	TR312	359.mg	n.s.s.	12/50	354.mg	13/50	707.mg	15/50				liv:hpa,hpc,nnd.
d	TR312	742.mg	n.s.s.	6/50	354.mg	10/50	707.mg	4/50				lun:a/a,a/c.
895	TR312a	135.mg	n.s.s.	41/50	177.mg	39/50						
a	TR312a	177.mg	n.s.s.	15/50	177.mg	21/50						liv:hpa,hpc,nnd.
b	TR312a	354.mg	n.s.s.	14/50	177.mg	11/50						lun:a/a,a/c.
896	TR312	28.6mg	n.s.s.	47/50	42.0mg	46/50	84.1mg	25/50				
a	TR312	187.mg	n.s.s.	1/50	42.0mg	4/50	84.1mg	0/50				liv:hpa,hpc,nnd.
897	TR312	21.3mg	n.s.s.	46/50	42.0mg	45/50	84.5mg	39/50				S
a	TR312	19.8mg	1.01gm	48/50	42.0mg	48/50	84.5mg	42/50				
b	TR312	265.mg	n.s.s.	3/50	42.0mg	3/50	84.5mg	1/50				liv:hpa,hpc,nnd.
2-sec-BUTYL-4,6-DINITROPHENOL 88-85-7												
898	1289	1.07mg	n.s.s.	1/17	.959mg	1/17						Innes;ntis,1968/1969
a	1289	1.79mg	n.s.s.	0/17	.959mg	0/17						
b	1289	.843mg	n.s.s.	2/17	.959mg	2/17						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code
899	1289	.475mg	n.s.s.	2/18	.891mg	4/17								
a	1289	.987mg	n.s.s.	1/18	.891mg	1/17								
b	1289	.351mg	n.s.s.	3/18	.891mg	6/17								
900	1289	.999mg	n.s.s.	0/16	.959mg	1/18								
a	1289	1.90mg	n.s.s.	0/16	.959mg	0/18								
b	1289	.999mg	n.s.s.	0/16	.959mg	1/18								
901	1289	.446mg	n.s.s.	0/16	.891mg	4/18								
a	1289	.680mg	n.s.s.	0/16	.891mg	2/18								
b	1289	.282mg	2.70mg	0/16	.891mg	7/18								
N-n-BUTYL-N-FORMYLHYDRAZINE 16120-70-0														
902	1057	11.2mg	35.3mg	25/99	80.0mg	45/49							Toth;carc,1,589-593;1980	
a	1057	95.7mg	1.78gm	0/40	80.0mg	5/32								
b	1057	111.mg	25.8gm	0/40	80.0mg	4/32								
c	1057	184.mg	n.s.s.	6/47	80.0mg	5/41								
903	1057	11.4mg	35.8mg	26/100	66.7mg	42/48								
a	1057	18.0mg	47.0mg	0/85	66.7mg	33/47								
b	1057	22.4mg	60.9mg	0/85	66.7mg	29/47								
c	1057	115.mg	1.44gm	0/85	66.7mg	5/47								
d	1057	157.mg	n.s.s.	0/85	66.7mg	3/47								
e	1057	123.mg	n.s.s.	7/70	66.7mg	2/23								
BUTYL p-HYDROXYBENZOATE 94-26-8														
904	1688	2.00gm	n.s.s.	2/50	188.mg	4/50	375.mg	2/50	751.mg	8/50			Inai;fctx,23,575-578;1985	
a	1688	1.15gm	n.s.s.	0/50	188.mg	0/50	375.mg	0/50	751.mg	0/50				
b	1688	1.04gm	n.s.s.	12/50	188.mg	14/50	375.mg	8/50	751.mg	21/50				
905	1688	5.29gm	n.s.s.	0/50	173.mg	1/50	346.mg	0/50	693.mg	1/50				
a	1688	3.87gm	n.s.s.	3/50	173.mg	2/50	346.mg	2/50	693.mg	3/50				
b	1688	1.41gm	n.s.s.	8/50	173.mg	7/50	346.mg	11/50	693.mg	11/50				
N-BUTYL-N-(4-HYDROXYBUTYL)NITROSAMINE (butyl-butanol-nitrosamine) 3817-11-6														
906	1954	n.s.s.	.471mg	0/118	1.50mg	24/24	3.00mg	23/23	6.00mg	24/24			Fears;txih,4,221-255;1988	
a	1954	4.01mg	n.s.s.	0/120	1.50mg	0/23	3.00mg	0/24	6.00mg	0/22				
907	1718	.100mg	.340mg	0/30	.500mg	20/30							LaVoie;gann,76,266-271;1985/pers.comm.	
a	1718	.187mg	1.55mg	2/30	.500mg	13/30								
908	1954	.347mg	.873mg	1/118	1.20mg	21/24	2.40mg	23/24	4.80mg	23/24			Fears;txih,4,221-255;1988	
a	1954	22.7mg	n.s.s.	1/120	1.20mg	0/24	2.40mg	0/24	4.80mg	1/24				
909	1606m	65.6ug	4.76mg	2/50	50.0ug	7/29	(.250mg	5/30	.500mg	1/30	2.50mg	0/30)	Ito;zkko,108,169-173;1984/Shibata 1993	
a	1606m	.281mg	.680mg	0/50	50.0ug	0/29	.250mg	6/30	.500mg	23/30	2.50mg	30/30		
b	1606m	.298mg	.691mg	0/50	50.0ug	2/29	.250mg	7/30	.500mg	23/30	2.50mg	29/30		
c	1606m	.265mg	n.s.s.	0/50	50.0ug	0/29	.250mg	0/30	.500mg	0/30	2.50mg	0/30		
d	1606m	14.2mg	n.s.s.	0/50	50.0ug	2/29	.250mg	1/30	.500mg	2/30	2.50mg	0/30		
910	1192	1.98mg	5.64mg	0/40	10.0mg	35/40							Schmahl;arzn,28,49-51;1978	
a	1192	44.1mg	n.s.s.	0/40	10.0mg	1/40								
911	1637	.641mg	2.03mg	0/40	10.5mg	44/46							Tacchi;clet,22,89-94;1984	
a	1637	27.1mg	n.s.s.	0/40	10.5mg	1/46								
b	1637	50.6mg	n.s.s.	0/40	10.5mg	0/46								
DI-tert-BUTYL-4-HYDROXYMETHYL PHENOL 88-26-6														
912	127	604.mg	n.s.s.	0/20	100.mg	0/20	175.mg	1/20					Dacre;txap,17,669-678;1970	
a	127	262.mg	n.s.s.	0/20	100.mg	0/20	175.mg	0/20						
b	127	604.mg	n.s.s.	0/20	100.mg	0/20	175.mg	1/20						
913	127	210.mg	n.s.s.	0/20	80.0mg	0/20	140.mg	0/20						
a	127	210.mg	n.s.s.	0/20	80.0mg	0/20	140.mg	0/20						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
2-tert-BUTYL-4-METHYLPHENOL 2409-55-4										
914	1950	303.mg	n.s.s.	0/10	392.mg	0/15			Hirose;canr,48,5310-5315;1988/pers.comm.	
a	1950	303.mg	n.s.s.	0/10	392.mg	0/15				
N-BUTYL-N'-NITRO-N-NITROSOGUANIDINE 13010-08-7										
915	1082	1.99mg	n.s.s.	0/9	2.14mg	0/8			Matsukura;gann,70,181-185;1979	
N-n-BUTYL-N-NITROSOUREA 869-01-2										
916	1915	98.3ug	.753mg	0/12	.969mg	11/12			Lijinsky;txih,5,925-935;1989	
a	1915	99.5ug	.880mg	1/12	.969mg	11/12				
b	1915	.216mg	4.51mg	2/12	.969mg	9/12				
c	1915	.314mg	2.64mg	0/12	.969mg	7/12				
d	1915	.693mg	n.s.s.	0/12	.969mg	3/12				
e	1915	2.40mg	n.s.s.	0/12	.969mg	0/12				
917	1915	68.8ug	.527mg	0/12	.678mg	11/12			Takeuchi;zkko,107,32-37;1984	
a	1915	.108mg	.721mg	0/12	.678mg	10/12				
b	1915	.485mg	n.s.s.	0/12	.678mg	3/12				
c	1915	1.68mg	n.s.s.	1/12	.678mg	0/12				
918	1620m	.779mg	2.24mg	0/40	16.8mg	34/39				
a	1620m	1.48mg	4.31mg	0/40	16.8mg	26/39				
b	1620m	1.91mg	5.96mg	0/40	16.8mg	22/39				
c	1620m	2.30mg	7.77mg	0/40	16.8mg	19/39				
d	1620m	2.80mg	10.5mg	0/40	16.8mg	16/39				
e	1620m	3.21mg	13.1mg	0/40	16.8mg	14/39				
f	1620m	3.45mg	14.9mg	0/40	16.8mg	13/39				
g	1620m	4.03mg	19.9mg	0/40	16.8mg	11/39				
h	1620m	4.03mg	19.9mg	0/40	16.8mg	11/39				
i	1620m	4.78mg	29.5mg	0/40	16.8mg	9/39				
j	1620m	4.78mg	29.5mg	0/40	16.8mg	9/39				
k	1620m	4.78mg	29.5mg	0/40	16.8mg	9/39				
l	1620m	5.25mg	38.3mg	0/40	16.8mg	8/39				
m	1620m	5.82mg	54.3mg	0/40	16.8mg	7/39				
n	1620m	7.38mg	282.mg	0/40	16.8mg	5/39				
o	1620m	8.51mg	n.s.s.	0/40	16.8mg	4/39				
p	1620m	n.s.s.	1.08mg	1/40	16.8mg	39/39				
919	1620n	.519mg	1.60mg	0/38	14.7mg	36/39				
a	1620n	1.57mg	4.80mg	0/38	14.7mg	23/39				
b	1620n	1.77mg	5.68mg	0/38	14.7mg	21/39				
c	1620n	1.89mg	6.21mg	0/38	14.7mg	20/39				
d	1620n	2.29mg	8.25mg	0/38	14.7mg	17/39				
e	1620n	4.60mg	34.5mg	0/38	14.7mg	8/39				
f	1620n	5.09mg	49.9mg	0/38	14.7mg	7/39				
g	1620n	5.09mg	49.9mg	0/38	14.7mg	7/39				
h	1620n	5.09mg	49.9mg	0/38	14.7mg	7/39				
i	1620n	6.45mg	362.mg	0/38	14.7mg	5/39				
j	1620n	6.45mg	362.mg	0/38	14.7mg	5/39				
k	1620n	n.s.s.	.991mg	5/38	14.7mg	39/39				
920	2038	1.38mg	18.1mg	0/10	4.49mg	7/15			Mirvish;jtxe,32,59-74;1991/pers.comm.	
a	2038	2.27mg	n.s.s.	0/10	4.49mg	4/15				
b	2038	2.27mg	n.s.s.	0/10	4.49mg	4/15				
c	2038	.453mg	2.52mg	0/10	4.49mg	13/15				
921	2038	1.21mg	n.s.s.	0/5	3.93mg	7/15				
a	2038	4.25mg	n.s.s.	0/5	3.93mg	1/15				
b	2038	.756mg	9.09mg	0/5	3.93mg	10/15				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
945	2162	178.mg	n.s.s.	0/15	800.mg	3/15					Kawabe;gann,85,17-25;1994	
a	2162	178.mg	n.s.s.	0/15	800.mg	3/15						
b	2162	595.mg	n.s.s.	0/15	800.mg	0/15						
946	2192m	412.mg	n.s.s.	0/10	400.mg	0/20					Shibata;carc,14,1265-1269;1993/pers.comm.	
947	2192n	144.mg	625.mg	0/17	800.mg	17/20						
a	2192n	846.mg	n.s.s.	0/17	800.mg	4/20						
948	2568m	n.s.s.	247.mg	1/30	800.mg	30/30					Tamano;fctx,36,299-304;1998	
a	2568m	n.s.s.	247.mg	1/30	800.mg	30/30						
b	2568m	797.mg	5.79gm	0/30	800.mg	8/30						
c	2568m	2.63gm	n.s.s.	0/30	800.mg	1/30						
949	2568r	n.s.s.	243.mg	0/30	800.mg	30/30						
a	2568r	n.s.s.	243.mg	0/30	800.mg	30/30						
b	2568r	1.95gm	n.s.s.	0/30	800.mg	2/30						
950	2568o	n.s.s.	243.mg	0/30	800.mg	30/30						
a	2568o	n.s.s.	243.mg	0/30	800.mg	30/30						
b	2568o	598.mg	2.97gm	0/30	800.mg	11/30						
c	2568o	1.95gm	n.s.s.	0/30	800.mg	2/30						
951	2568n	n.s.s.	243.mg	0/30	800.mg	30/30						
a	2568n	n.s.s.	243.mg	0/30	800.mg	30/30						
b	2568n	217.mg	707.mg	0/30	800.mg	23/30						
c	2568n	2.63gm	n.s.s.	0/30	800.mg	1/30						
BUTYLATED HYDROXYTOLUENE (BHT, 2,6-DI-tert-butyl-p-cresol) 128-37-0												
952	TR150	357.mg	n.s.s.	1/20	390.mg	16/50 (780.mg)	7/50					lun:a/a,a/c. S
a	TR150	336.mg	n.s.s.	14/20	390.mg	32/50 (780.mg)	23/50					
b	TR150	2.18gm	n.s.s.	1/20	390.mg	4/50 780.mg	5/50					liv:hpa,hpc,nnd.
c	TR150	357.mg	n.s.s.	1/20	390.mg	16/50 (780.mg)	7/50					lun:a/a,a/c.
953	1528	1.40gm	n.s.s.	2/47	24.0mg	3/47 120.mg	5/46	600.mg	5/44			Shirai;fctx,20,861-865;1982
a	1528	2.26gm	n.s.s.	2/47	24.0mg	2/47 120.mg	1/46	600.mg	3/44			
b	1528	2.89gm	n.s.s.	3/47	24.0mg	0/47 120.mg	1/46	600.mg	2/44			
c	1528	3.81gm	n.s.s.	7/47	24.0mg	3/47 120.mg	2/46	600.mg	2/44			
954	1882	12.3gm	n.s.s.	1/41	1.13gm	2/44 2.25gm	2/40					Inai;gann,79,49-58;1988
a	1882	20.6gm	n.s.s.	0/41	1.13gm	0/44 2.25gm	1/40					
b	1882	13.0gm	n.s.s.	5/41	1.13gm	7/44 2.25gm	2/40					
c	1882	29.7gm	n.s.s.	2/41	1.13gm	1/44 2.25gm	0/40					
d	1882	16.4gm	n.s.s.	4/41	1.13gm	5/44 2.25gm	1/40					
e	1882	14.6gm	n.s.s.	7/41	1.13gm	8/44 2.25gm	2/40					
f	1882	6.04gm	n.s.s.	35/41	1.13gm	33/44 2.25gm	22/40					
955	TR150	355.mg	n.s.s.	17/20	360.mg	39/50 (720.mg)	32/50					liv:hpa,hpc,nnd.
a	TR150	531.mg	n.s.s.	11/20	360.mg	23/50 (720.mg)	13/50					lun:a/a,a/c.
b	TR150	1.23gm	n.s.s.	7/20	360.mg	21/50 720.mg	17/50					
956	1528	784.mg	n.s.s.	14/48	22.2mg	10/48 111.mg	13/50	554.mg	16/47			Shirai;fctx,20,861-865;1982
a	1528	1.48gm	n.s.s.	8/48	22.2mg	8/48 111.mg	9/50	554.mg	8/47			
b	1528	3.52gm	n.s.s.	4/48	22.2mg	5/48 111.mg	2/50	554.mg	2/47			
c	1528	1.53gm	n.s.s.	11/48	22.2mg	13/48 111.mg	12/50	554.mg	10/47			
d	1528	4.36gm	n.s.s.	3/48	22.2mg	6/48 111.mg	2/50	554.mg	1/47			
957	1882	1.90gm	17.7gm	6/32	1.04gm	16/42 2.08gm	25/47					Inai;gann,79,49-58;1988
a	1882	1.42gm	n.s.s.	12/32	1.04gm	26/42 2.08gm	31/47					
b	1882	5.38gm	n.s.s.	4/32	1.04gm	6/42 2.08gm	10/47					
c	1882	20.9gm	n.s.s.	0/32	1.04gm	0/42 2.08gm	1/47					
d	1882	21.5gm	n.s.s.	4/32	1.04gm	3/42 2.08gm	1/47					
e	1882	7.51gm	n.s.s.	7/32	1.04gm	11/42 2.08gm	8/47					
f	1882	19.0gm	n.s.s.	1/32	1.04gm	3/42 2.08gm	0/47					
g	1882	1.72gm	n.s.s.	27/32	1.04gm	36/42 2.08gm	38/47					
958	1006	1.15gm	n.s.s.	13/50	975.mg	11/50						Clapp;jnci,61,177-180;1978
a	1006	4.42gm	n.s.s.	0/50	975.mg	0/50						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
959	53	122.mg	n.s.s.	6/25	900.mg	7/11			Clapp;fctx,12,367-371;1974	
a	53	330.mg	n.s.s.	0/25	900.mg	1/8				
b	53	898.mg	n.s.s.	0/25	900.mg	0/11				
c	53	509.mg	n.s.s.	14/25	900.mg	1/8				
960	1006	711.mg	n.s.s.	45/100	900.mg	47/100			Clapp;jnci,61,177-180;1978	
a	1006	8.16gm	n.s.s.	2/100	900.mg	0/100				
961	1525	640.mg	7.00gm	1/47	625.mg	8/30			Maru;clet,17,75-80;1982	
a	1525	3.02gm	n.s.s.	7/47	625.mg	1/30				
962	TR150	374.mg	n.s.s.	12/20	150.mg	36/50	300.mg	26/50		
a	TR150	n.s.s.	n.s.s.	0/20	150.mg	0/50	300.mg	0/50		liv:hpa,hpc,nnd.
963	TR150	210.mg	n.s.s.	17/20	120.mg	36/50	240.mg	35/50		
a	TR150	796.mg	n.s.s.	0/20	120.mg	2/50	240.mg	2/50		liv:hpa,hpc,nnd.
964	1973	1.49gm	n.s.s.	9/25	480.mg	3/23			Williams;fctx,28,799-806;1990	
a	1973	2.55gm	n.s.s.	0/25	480.mg	0/23				
965	1900	144.mg	n.s.s.	0/10	280.mg	0/10			Hirose;carc,8,1731-1735;1987/pers.comm.	
a	1900	144.mg	n.s.s.	0/10	280.mg	0/10				
b	1900	144.mg	n.s.s.	0/10	280.mg	0/10				
966	2134	137.mg	n.s.s.	0/19	200.mg	0/10			Ito;anti,183-194;1990/pers.comm.	
a	2134	137.mg	n.s.s.	0/19	200.mg	0/10				
967	1087	250.mg	171.gm	0/32	125.mg	6/46	(500.mg	3/51)	Hirose;fctx,19,147-151;1981	
a	1087	1.45gm	n.s.s.	0/32	125.mg	3/46	500.mg	3/51		
b	1087	476.mg	n.s.s.	11/32	125.mg	25/46	500.mg	25/51		
968	1087	2.23gm	n.s.s.	2/26	100.mg	2/43	400.mg	1/38		
a	1087	1.12gm	n.s.s.	6/26	100.mg	13/43	400.mg	10/51		
1,1-DI-n-BUTYLHYDRAZINE 7422-80-2										
969	1438	30.3mg	107.mg	20/99	62.5mg	34/50			Toth;carc,2,651-654;1981	
a	1438	31.5mg	128.mg	25/99	62.5mg	34/50				
b	1438	41.4mg	147.mg	4/71	62.5mg	23/45				
c	1438	52.5mg	227.mg	4/71	62.5mg	19/45				
d	1438	69.3mg	371.mg	6/99	62.5mg	17/50				
e	1438	77.9mg	355.mg	0/71	62.5mg	12/45				
f	1438	474.mg	n.s.s.	5/71	62.5mg	1/45				
970	1438	21.7mg	84.7mg	26/96	52.1mg	34/46				
a	1438	26.1mg	93.8mg	16/96	52.1mg	30/46				
b	1438	43.3mg	235.mg	12/96	52.1mg	21/46				
c	1438	46.7mg	174.mg	0/96	52.1mg	16/43				
d	1438	39.4mg	437.mg	0/40	52.1mg	5/16				
e	1438	57.2mg	246.mg	0/96	52.1mg	13/43				
f	1438	56.9mg	2.40gm	0/40	52.1mg	3/16				
g	1438	120.mg	1.37gm	0/96	52.1mg	5/43				
n-BUTYLHYDRAZINE.HCl 56795-65-4										
971	252	10.7mg	37.6mg	21/90	25.0mg	34/44			Nagel;ejca,11,473-478;1975/Toth 1974	
a	252	11.3mg	38.5mg	18/90	25.0mg	33/44				
b	252	27.2mg	121.mg	4/90	25.0mg	17/44				
c	252	101.mg	n.s.s.	3/56	25.0mg	0/15				
972	252	4.21mg	19.9mg	15/92	20.8mg	19/23				
a	252	4.36mg	24.1mg	23/92	20.8mg	19/23				
b	252	47.6mg	n.s.s.	6/71	20.8mg	1/18				
1,2-DI-n-BUTYLHYDRAZINE.2HCl 78776-28-0										
973	1116	40.5mg	149.mg	25/99	125.mg	36/50			Toth;expa,37,773-775;1981	
a	1116	93.2mg	1.29gm	18/100	125.mg	21/50				
b	1116	517.mg	n.s.s.	3/47	125.mg	1/36				
c	1116	379.mg	n.s.s.	3/47	125.mg	2/36				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code
974	1116	20.2mg	67.3mg	26/100	104.mg	38/46								
a	1116	155.mg	3.51gm	0/70	104.mg	4/38								
b	1116	186.mg	n.s.s.	8/100	104.mg	6/46								
c	1116	416.mg	n.s.s.	5/70	104.mg	1/38								
d	1116	420.mg	n.s.s.	3/80	104.mg	1/42								
tert-BUTYLHYDROQUINONE 1948-33-0														
975	TR459	760.mg	14.5gm	0/51	162.mg	1/52	325.mg	6/51	(650.mg	1/54)			hag:ade,car.	S
a	TR459	841.mg	16.8gm	0/51	162.mg	0/52	325.mg	6/51	(650.mg	1/54)				S
b	TR459	124.mg	n.s.s.	9/51	162.mg	20/52	(325.mg	16/51	650.mg	5/54)				S
c	TR459	869.mg	n.s.s.	32/51	162.mg	41/52	325.mg	36/51	650.mg	33/54)				
d	TR459	110.mg	n.s.s.	17/51	162.mg	28/52	(325.mg	23/51	650.mg	10/54)			liv:hpa,hpb,hpc.	
e	TR459	2.98gm	n.s.s.	5/51	162.mg	2/52	325.mg	5/51	650.mg	3/54)			lun:a/a,a/c.	
976	TR459	605.mg	n.s.s.	39/50	150.mg	44/50	300.mg	42/51	600.mg	36/51)				
a	TR459	349.mg	n.s.s.	31/50	150.mg	28/50	300.mg	29/51	(600.mg	17/51)			liv:hpa,hpb,hpc.	
b	TR459	1.33gm	n.s.s.	15/50	150.mg	15/50	300.mg	11/51	600.mg	14/51)			lun:a/a,a/c.	
2,4,6-TRI-tert-BUTYLPHENOL 732-26-3														
977	2340m	.378mg	n.s.s.	0/7	1.50mg	0/7	5.00mg	0/7	15.0mg	0/7	50.0mg	0/7	Matsumoto;jtxs,16,167-179;	
													1991/pers.comm.	
978	2340n	.851mg	n.s.s.	0/7	1.50mg	0/7	5.00mg	0/7	15.0mg	0/7	50.0mg	0/7		
979	2340o	4.11mg	n.s.s.	0/19	1.50mg	0/19	5.00mg	0/19	15.0mg	0/19	50.0mg	0/19		
980	2340m	.303mg	n.s.s.	0/7	1.20mg	0/7	4.00mg	0/7	12.0mg	0/7	40.0mg	0/7		
981	2340n	.681mg	n.s.s.	0/7	1.20mg	0/7	4.00mg	0/7	12.0mg	0/7	40.0mg	0/7		
982	2340o	3.29mg	n.s.s.	0/19	1.20mg	0/19	4.00mg	0/19	12.0mg	0/19	40.0mg	0/19		
p-tert-BUTYLPHENOL 98-54-4														
983	1950	238.mg	n.s.s.	0/10	588.mg	1/15							Hirose;canr,48,5310-5315;1988/pers.comm.	
a	1950	455.mg	n.s.s.	0/10	588.mg	0/15								
N-BUTYLUREA 592-31-4														
984	1361	1.24gm	n.s.s.	1/92	567.mg	0/24							Murthy;ijcn,23,253-259;1979	
a	1361	1.24gm	n.s.s.	2/92	567.mg	0/24								
b	1361	501.mg	n.s.s.	17/92	567.mg	4/24								
985	1361	682.mg	n.s.s.	1/95	523.mg	1/26								
a	1361	1.23gm	n.s.s.	2/95	523.mg	0/26								
b	1361	244.mg	n.s.s.	8/95	523.mg	7/26								
986	1361	317.mg	n.s.s.	0/44	218.mg	0/16								
a	1361	127.mg	n.s.s.	20/44	218.mg	5/16								
987	1361	253.mg	n.s.s.	0/50	175.mg	0/16								
a	1361	84.4mg	n.s.s.	30/50	175.mg	7/16								
beta-BUTYROLACTONE 3068-88-0														
988	55	3.85mg	n.s.s.	0/5	40.8mg	3/5							Van Duuren;jnci,37,825-838;1966	
gamma-BUTYROLACTONE 96-48-0														
989	TR406	307.mg	n.s.s.	33/50	185.mg	31/50	370.mg	35/50						
a	TR406	1.95gm	n.s.s.	8/50	185.mg	2/50	370.mg	4/50					liv:hpa,hpc,nnd.	
b	TR406	1.56gm	n.s.s.	7/50	185.mg	4/50	370.mg	4/50					lun:a/a,a/c.	
990	TR406	535.mg	n.s.s.	2/50	185.mg	6/50	371.mg	1/50					amd:pbb,phm,pob.	
a	TR406	170.mg	n.s.s.	40/50	185.mg	31/50	371.mg	23/50						
b	TR406	690.mg	n.s.s.	24/50	185.mg	8/50	371.mg	9/50					liv:hpa,hpc,nnd.	
c	TR406	408.mg	n.s.s.	10/50	185.mg	9/50	371.mg	6/50					lun:a/a,a/c.	
991	TR406	226.mg	n.s.s.	46/50	158.mg	46/50	317.mg	41/50						
a	TR406	n.s.s.	n.s.s.	0/50	158.mg	0/50	317.mg	0/50					liv:hpa,hpc,nnd.	
992	TR406	357.mg	n.s.s.	0/50	79.1mg	1/50	159.mg	5/50						S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code
a	TR406	428.mg	n.s.s.	0/50	79.1mg	1/50	159.mg	4/50						S
b	TR406	142.mg	n.s.s.	45/50	79.1mg	42/50	159.mg	47/50						
c	TR406	n.s.s.	n.s.s.	0/50	79.1mg	1/50	159.mg	0/50					liv:hpa,hpc,nd.	
CADMIUM ACETATE 543-90-8														
993	56	4.71mg	n.s.s.	9/60	1.00mg	5/39					Schroeder;jnut,83,239-250;1964			
a	56	4.14mg	n.s.s.	22/60	1.00mg	10/39								
994	56	11.0mg	n.s.s.	8/44	.833mg	0/48								
a	56	9.55mg	n.s.s.	11/44	.833mg	1/48								
995	1036	3.29mg	n.s.s.	1/34	.265mg	2/47					Kanisawa;canr,29,892-895;1969			
a	1036	.668mg	n.s.s.	10/34	.265mg	22/47								
b	1036	1.56mg	n.s.s.	2/34	.265mg	7/47								
CADMIUM CHLORIDE 10108-64-2														
996	1909m	.139mg	n.s.s.	0/24	52.5ug	0/24					Heinrich;expl,37,253-258;1989/pers.comm.			
997	1909n	49.3ug	n.s.s.	0/24	18.7ug	0/24								
998	1909m	.164mg	n.s.s.	0/24	34.5ug	0/24								
999	1909n	64.6ug	n.s.s.	0/24	11.1ug	0/24								
1000	1909m	.126mg	n.s.s.	11/43	75.0ug	8/41								
a	1909m	.139mg	n.s.s.	8/43	75.0ug	6/41								
b	1909m	.211mg	n.s.s.	3/43	75.0ug	2/41								
1001	1909n	.207mg	n.s.s.	9/45	37.8ug	1/43								
a	1909n	.221mg	n.s.s.	17/45	37.8ug	1/43								
b	1909n	.246mg	n.s.s.	8/45	37.8ug	0/43								
1002	2599	43.1mg	2.34gm	0/29	2.04mg	0/29	4.07mg	0/29	8.15mg	2/30	16.3mg	3/29	Waalkes;jtxe,58,199-214;1999/pers.comm.	
a	2599	58.4mg	n.s.s.	0/29	2.04mg	0/29	4.07mg	0/29	8.15mg	2/30	16.3mg	1/29		
b	2599	95.1mg	n.s.s.	0/29	2.04mg	0/29	4.07mg	0/29	8.15mg	0/30	16.3mg	1/29		
c	2599	95.1mg	n.s.s.	0/29	2.04mg	0/29	4.07mg	0/29	8.15mg	0/30	16.3mg	1/29		
d	2599	28.4mg	n.s.s.	2/29	2.04mg	3/30	4.07mg	8/30	8.15mg	6/30	16.3mg	3/29		
e	2599	6.33mg	n.s.s.	0/29	2.04mg	0/29	4.07mg	0/30	8.15mg	0/30	16.3mg	0/29		
f	2599	5.69mg	n.s.s.	0/28	2.04mg	0/26	4.07mg	0/26	8.15mg	0/29	16.3mg	0/27		
1003	1908m	19.5ug	n.s.s.	0/20	11.7ug	3/18					Oldiges;txec,19,217-222;1989/Glaser 1990			
a	1908m	24.5ug	n.s.s.	0/20	11.7ug	2/18								
b	1908m	33.5ug	n.s.s.	0/20	11.7ug	1/18								
1004	1908n	4.81ug	22.7ug	0/20	10.9ug	13/18								
a	1908n	10.8ug	88.9ug	0/20	10.9ug	7/18								
b	1908n	17.0ug	n.s.s.	0/20	10.9ug	4/18								
c	1908n	25.9ug	n.s.s.	0/20	10.9ug	2/18								
1005	1907	8.89ug	18.8ug	0/38	3.34ug	6/39	6.68ug	20/38	13.4ug	25/35				Takenaka;jnci,70,367-373;1983
a	1907	14.6ug	35.9ug	0/38	3.34ug	4/39	6.68ug	16/38	13.4ug	15/35				
b	1907	32.3ug	.158mg	0/38	3.34ug	2/39	6.68ug	5/38	13.4ug	8/35				
c	1907	95.5ug	n.s.s.	0/38	3.34ug	0/39	6.68ug	0/38	13.4ug	3/35				
d	1907	.118mg	n.s.s.	0/38	3.34ug	1/39	6.68ug	0/38	13.4ug	1/35				
e	1907	49.7ug	n.s.s.	2/38	3.34ug	8/39	6.68ug	4/38	13.4ug	4/35				
1006	1908m	5.19ug	26.3ug	0/40	7.91ug	11/20					Oldiges;txec,19,217-222;1989/Glaser 1990			
a	1908m	11.1ug	.128mg	0/40	7.91ug	5/20								
b	1908m	15.7ug	2.57mg	0/40	7.91ug	3/20								
c	1908m	15.7ug	2.57mg	0/40	7.91ug	3/20								
1007	1908n	3.13ug	13.5ug	0/40	7.91ug	15/20								
a	1908n	4.61ug	22.1ug	0/40	7.91ug	12/20								
b	1908n	19.8ug	n.s.s.	0/40	7.91ug	2/20								
c	1908n	26.9ug	n.s.s.	0/40	7.91ug	1/20								
1008	2027	12.1mg	n.s.s.	1/28	1.63mg	2/27	3.26mg	1/25	6.52mg	1/24	13.0mg	6/27	Waalkes;faat,19,512-520;1992/pers.comm.	
a	2027	15.3mg	n.s.s.	0/28	1.63mg	1/26	3.26mg	2/22	6.52mg	1/23	13.0mg	2/26		

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code	
b	2027	16.9mg	n.s.s.	1/28	1.63mg	4/27	3.26mg	5/24	6.52mg	5/24	13.0mg	1/27		
1009	2658	4.64mg	n.s.s.	0/10	4.00mg	0/10							Martin;prst,46,11-20;2001	
CADMIUM CHLORIDE MONOHYDRATE 35658-65-2														
1010	2619	.779mg	n.s.s.	0/12	.815mg	0/12	4.07mg	0/12	20.4mg	0/12			Bomhard;dact,22,679-703;1999/pers.comm.	
1011	2619	.623mg	n.s.s.	0/12	.652mg	0/12	3.26mg	0/12	16.3mg	0/12				
1012	1139	.343mg	n.s.s.	0/94	49.5ug	0/48	.149mg	0/48	.495mg	0/48	2.48mg	0/46	Loser;clet,9,191-198;1980	
a	1139	2.74mg	n.s.s.	54/94	49.5ug	23/48	.149mg	17/48	.495mg	31/48	2.48mg	25/46		
b	1139	3.56mg	n.s.s.	46/94	49.5ug	19/48	.149mg	16/48	.495mg	22/48	2.48mg	21/46		
c	1139	6.66mg	n.s.s.	10/94	49.5ug	6/48	.149mg	7/48	.495mg	11/48	2.48mg	6/46		
1013	1139	.432mg	n.s.s.	2/98	39.6ug	0/50	.119mg	5/50	.396mg	2/50	1.98mg	2/50		
a	1139	24.2mg	n.s.s.	0/98	39.6ug	1/50	.119mg	0/50	.396mg	0/50	1.98mg	0/50		
b	1139	7.94mg	n.s.s.	4/98	39.6ug	4/50	.119mg	2/50	.396mg	1/50	1.98mg	4/50		
c	1139	6.32mg	n.s.s.	40/98	39.6ug	18/50	.119mg	25/50	.396mg	23/50	1.98mg	15/50		
d	1139	5.23mg	n.s.s.	43/98	39.6ug	21/50	.119mg	26/50	.396mg	24/50	1.98mg	18/50		
CADMIUM DIETHYLDITHIOCARBAMATE (ethyl cadmate) 14239-68-0														
1014	1140	9.99mg	n.s.s.	1/17	8.96mg	1/17							Innes;ntis,1968/1969	
a	1140	16.8mg	n.s.s.	0/17	8.96mg	0/17								
b	1140	5.99mg	n.s.s.	2/17	8.96mg	3/17								
1015	1140	16.5mg	n.s.s.	1/18	8.34mg	0/18								
a	1140	16.5mg	n.s.s.	2/18	8.34mg	0/18								
b	1140	11.7mg	n.s.s.	3/18	8.34mg	1/18								
1016	1140	9.34mg	n.s.s.	0/16	8.96mg	1/18								
a	1140	17.8mg	n.s.s.	0/16	8.96mg	0/18								
b	1140	5.43mg	n.s.s.	0/16	8.96mg	3/18								
1017	1140	5.05mg	n.s.s.	0/16	8.34mg	3/18								
a	1140	6.36mg	n.s.s.	0/16	8.34mg	2/18								
b	1140	2.64mg	25.2mg	0/16	8.34mg	7/18								
CADMIUM SULPHATE (1:1) 10124-36-4														
1018	1909m	.160mg	n.s.s.	0/24	60.8ug	0/24							Heinrich;expl,37,253-258;1989/pers.comm.	
1019	1909n	56.9ug	n.s.s.	0/24	21.0ug	0/24								
1020	1909m	.191mg	n.s.s.	0/24	39.4ug	0/24								
1021	1909n	73.4ug	n.s.s.	0/24	12.6ug	0/24								
1022	1909m	.158mg	n.s.s.	3/43	72.9ug	5/43								
a	1909m	.232mg	n.s.s.	8/43	72.9ug	5/43								
b	1909m	.139mg	n.s.s.	11/43	72.9ug	10/43								
1023	1909n	.102mg	n.s.s.	17/45	40.7ug	10/43								
a	1909n	.111mg	n.s.s.	9/45	40.7ug	6/43								
b	1909n	.145mg	n.s.s.	8/45	40.7ug	4/43								
1024	1908	8.29ug	38.1ug	0/20	39.9ug	18/20							Oldiges;txec,19,217-222;1989/Glaser 1990	
a	1908	45.6ug	.587mg	0/20	39.9ug	6/20								
b	1908	45.6ug	.587mg	0/20	39.9ug	6/20								
c	1908	61.9ug	n.s.s.	0/20	39.9ug	4/20								
d	1908	93.6ug	n.s.s.	0/20	39.9ug	2/20								
1025	1908	14.2ug	71.8ug	0/40	20.3ug	11/20								
a	1908	23.0ug	.172mg	0/40	20.3ug	7/20								
b	1908	53.9ug	n.s.s.	0/40	20.3ug	2/20								
c	1908	53.9ug	n.s.s.	0/40	20.3ug	2/20								
CADMIUM SULPHATE (1:1) HYDRATE (3:8) 7790-84-3														
1026	1044	.307mg	n.s.s.	33/149	62.9ug	14/50	.126mg	9/50	.250mg	14/49			Levy;anoh,17,213-220;1975	
a	1044	.492mg	n.s.s.	50/149	62.9ug	18/50	.126mg	18/50	.250mg	11/49				
1027	1045	.359mg	n.s.s.	1/90	26.2ug	2/30	52.3ug	0/30	.105mg	3/30			Levy;anoh,17,205-211;1975	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology				Brkly Code	
CAFFEIC ACID (3,4-dihydroxy-cinnamic acid) 331-39-5													
1028	1932	2.12gm	15.4gm	0/29	2.60gm	8/29						Hagiwara;canr,51,5655-5660;1991/pers.comm.	
a	1932	7.04gm	n.s.s.	0/29	2.60gm	1/29							
b	1932	13.2gm	n.s.s.	1/29	2.60gm	0/29							
c	1932	6.00gm	n.s.s.	4/29	2.60gm	3/29							
d	1932	877.mg	16.6gm	9/29	2.60gm	20/29							
1029	1932	2.27gm	22.6gm	0/28	2.40gm	7/30							
a	1932	2.13gm	n.s.s.	1/28	2.40gm	8/30							
b	1932	2.38gm	n.s.s.	1/28	2.40gm	7/30							
c	1932	3.38gm	n.s.s.	0/28	2.40gm	4/30							
d	1932	4.02gm	n.s.s.	0/28	2.40gm	3/30							
e	1932	6.73gm	n.s.s.	0/28	2.40gm	1/30							
f	1932	4.63gm	n.s.s.	6/28	2.40gm	5/30							
g	1932	7.12gm	n.s.s.	7/28	2.40gm	3/30							
h	1932	977.mg	n.s.s.	15/28	2.40gm	21/30							
1030	1932	162.mg	560.mg	0/30	1.00gm	27/30							
a	1932	244.mg	795.mg	0/30	1.00gm	24/30							
b	1932	534.mg	2.11gm	0/30	1.00gm	15/30							
c	1932	4.14gm	n.s.s.	2/30	1.00gm	1/30							
d	1932	105.mg	3.07gm	21/30	1.00gm	29/30							
1031	1932	152.mg	507.mg	0/30	800.mg	26/30							
a	1932	217.mg	707.mg	0/30	800.mg	23/30							
b	1932	364.mg	1.34gm	0/30	800.mg	17/30							
c	1932	1.32gm	n.s.s.	0/30	800.mg	4/30							
d	1932	3.31gm	n.s.s.	2/30	800.mg	1/30							
e	1932	4.95gm	n.s.s.	1/30	800.mg	0/30							
f	1932	138.mg	n.s.s.	30/30	800.mg	29/30							
1032	2080	74.3mg	n.s.s.	0/15	392.mg	4/15						Hirose;carc,13,1825-1828;1992/pers.comm.	
a	2080	303.mg	n.s.s.	0/15	392.mg	0/15							
1033	2134	220.mg	3.40gm	0/19	800.mg	6/21						Ito;anti,183-194;1990/pers.comm.	
a	2134	1.15gm	n.s.s.	0/19	800.mg	0/21							
CAFFEINE 58-08-2													
1034	1028	230.mg	n.s.s.	0/36	55.0mg	0/37						Macklin;dact,3,135-163;1980	
1035	1028	126.mg	n.s.s.	0/35	55.0mg	1/38							
1036	2270	14.6mg	n.s.s.	17/18	100.mg	15/16						Nagasawa;ejca,24,803-805;1988/pers.comm.	
1037	2612	31.7mg	n.s.s.	0/10	57.1mg	0/10						Hagiwara;gann,90,399-405;1999	
a	2612	31.7mg	n.s.s.	0/10	57.1mg	0/10							
1038	1326	471.mg	n.s.s.	0/32	71.4mg	0/32						Brune;zkko,102,153-157;1981	
1039	1615	849.mg	n.s.s.	1/100	11.4mg	2/50	24.6mg	0/50	53.1mg	1/50	114.mg	1/50	Mohr;fctx,22,377-382;1984
a	1615	1.32gm	n.s.s.	1/100	11.4mg	0/50	24.6mg	2/50	53.1mg	0/50	114.mg	0/50	
b	1615	1.21gm	n.s.s.	0/100	11.4mg	0/50	24.6mg	1/50	53.1mg	0/50	114.mg	0/50	
c	1615	281.mg	n.s.s.	84/100	11.4mg	40/50	24.6mg	40/50	53.1mg	36/50	114.mg	31/50	
1040	1326	113.mg	n.s.s.	3/32	71.4mg	6/32							Brune;zkko,102,153-157;1981
a	1326	163.mg	n.s.s.	1/32	71.4mg	3/32							
b	1326	177.mg	n.s.s.	2/32	71.4mg	3/32							
1041	1459	267.mg	n.s.s.	0/30	40.8mg	0/30							Johansson;ijcn,27,521-529;1981
1042	1615	1.18gm	n.s.s.	1/100	10.0mg	0/50	21.5mg	0/50	46.5mg	1/50	100.mg	0/50	Mohr;fctx,22,377-382;1984
a	1615	1.65gm	n.s.s.	2/100	10.0mg	1/50	21.5mg	0/50	46.5mg	0/50	100.mg	0/50	
b	1615	366.mg	n.s.s.	69/100	10.0mg	35/50	21.5mg	29/50	46.5mg	27/50	100.mg	22/50	
1043	2211	169.mg	n.s.s.	0/30	40.8mg	0/28							Johansson;carc,9,783-787;1988
a	2211	169.mg	n.s.s.	0/30	40.8mg	0/28							
b	2211	169.mg	n.s.s.	0/30	40.8mg	0/28							
1044	1526	76.3mg	n.s.s.	41/50	42.9mg	44/48	85.7mg	37/50					Takayama;gann,73,365-371;1982
1045	1526	126.mg	n.s.s.	24/46	37.5mg	31/48	75.0mg	18/44					

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code	
CALCIFEROL (vitamin D2) 50-14-6												
1046	1131	.889mg	n.s.s.	16/64	65.0ug	18/68	.130mg	23/46	.260mg	17/66	.520mg	9/31 (1.04mg 0/7) Gass;ircs,5,477;1977
CALCIUM ACETATE 62-54-4												
1047	1709	4.28gm	n.s.s.	0/30	1.20gm	0/30						Kasprzak;carc,6,279-282;1985
a	1709	4.28gm	n.s.s.	0/30	1.20gm	0/30						
CALCIUM CHLORIDE 10043-52-4												
1048	2083	64.4mg	n.s.s.	0/15	100.mg	0/15	500.mg	0/15				Nishikawa;carc,13,1155-1158;1992
CALCIUM LACTATE 814-80-2												
1049	2014	10.7gm	n.s.s.	1/49	1.31gm	0/50	2.63gm	0/50				Maekawa;fctx,29,589-594;1991
a	2014	1.84gm	n.s.s.	39/49	1.31gm	43/50	2.63gm	40/50				
1050	2014	13.0gm	n.s.s.	1/49	1.15gm	1/50	2.30gm	3/50				
a	2014	n.s.s.	n.s.s.	49/49	1.15gm	50/50	2.30gm	50/50				
CALCIUM VALPROATE 33433-82-8												
1051	2275	649.mg	15.1gm	4/50	125.mg	10/50	250.mg	7/50	500.mg	16/50		Watkins;txcy,71,35-47;1992
a	2275	736.mg	n.s.s.	0/50	125.mg	0/50	250.mg	0/50	500.mg	0/50		
b	2275	2.30gm	n.s.s.	5/50	125.mg	4/50	250.mg	2/50	500.mg	5/50		
1052	2275	736.mg	n.s.s.	0/50	125.mg	0/50	250.mg	0/50	500.mg	0/50		
CAMOSTAT MESYLATE (FOY 305) 59721-29-8												
1053	2192	20.6mg	n.s.s.	0/10	40.0mg	0/10						Shibata;carc,14,1265-1269;1993/pers.comm.
CANDESARTAN CILEXETIL (TCV-116) 145040-37-5												
1054	2418	9.56gm	n.s.s.	3/100	100.mg	1/50	300.mg	2/50	1.00gm	0/50		Nonoyama;jjpt,24,S899-913;1996
a	2418	462.mg	n.s.s.	89/100	100.mg	45/50	300.mg	43/50	1.00gm	45/50		
1055	2418	8.68gm	n.s.s.	2/100	100.mg	2/50	300.mg	2/50	1.00gm	0/50		
a	2418	n.s.s.	n.s.s.	100/100	100.mg	50/50	300.mg	50/50	1.00gm	50/50		
CAPROLACTAM 105-60-2												
1056	TR214	1.62gm	n.s.s.	31/50	956.mg	25/50	(1.91gm	16/50)				
a	TR214	13.4gm	n.s.s.	1/50	956.mg	1/50	1.91gm	1/50				liv:hpa,hpc,nnd.
b	TR214	26.9gm	n.s.s.	3/50	956.mg	0/50	1.91gm	0/50				lun:a/a,a/c.
1057	TR214	3.51gm	n.s.s.	21/50	883.mg	18/50	1.77gm	19/50				
a	TR214	3.82gm	n.s.s.	8/50	883.mg	10/50	1.77gm	10/50				liv:hpa,hpc,nnd.
b	TR214	6.47gm	n.s.s.	4/50	883.mg	5/50	1.77gm	4/50				lun:a/a,a/c.
1058	TR214	361.mg	n.s.s.	45/49	184.mg	46/50	368.mg	38/50				
a	TR214	n.s.s.	n.s.s.	0/49	184.mg	0/50	368.mg	0/50				liv:hpa,hpc,nnd.
1059	TR214	1.08gm	n.s.s.	0/50	147.mg	0/50	294.mg	3/50				
a	TR214	359.mg	n.s.s.	38/50	147.mg	32/50	294.mg	35/50				
b	TR214	804.mg	n.s.s.	1/50	147.mg	5/50	294.mg	2/50				liv:hpa,hpc,nnd.
CAPSAICIN 404-86-4												
1060	2371	486.mg	n.s.s.	7/50	30.9mg	3/48	103.mg	2/50	(309.mg	1/50)		Akagi;fctx,36,1065-1071;1998
a	2371	1.54gm	n.s.s.	2/50	30.9mg	1/48	103.mg	1/50	309.mg	1/50		
b	2371	1.23gm	n.s.s.	16/50	30.9mg	12/48	103.mg	11/50	309.mg	5/50		
1061	2371	677.mg	n.s.s.	4/49	28.6mg	3/50	94.8mg	5/50	286.mg	4/50		
a	2371	360.mg	n.s.s.	18/49	28.6mg	13/50	94.8mg	16/50	286.mg	16/50		
b	2371	222.mg	n.s.s.	31/49	28.6mg	20/50	94.8mg	21/50	286.mg	28/50		
1062	2039	50.5mg	n.s.s.	4/50	40.6mg	11/50						Toth;vivo,6,59-64;1992/pers.comm.
a	2039	26.3mg	n.s.s.	9/50	40.6mg	14/50						
b	2039	29.5mg	n.s.s.	14/50	40.6mg	18/50						
c	2039	377.mg	n.s.s.	0/50	40.6mg	1/50						
d	2039	n.s.s.	n.s.s.	0/50	40.6mg	0/50						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
1063	2039	93.0mg	n.s.s.	0/50	37.5mg	2/50					
a	2039	72.5mg	n.s.s.	4/50	37.5mg	7/50					
b	2039	n.s.s.	n.s.s.	0/50	37.5mg	0/50					
c	2039	59.8mg	n.s.s.	15/50	37.5mg	18/50					
d	2039	48.4mg	n.s.s.	19/50	37.5mg	22/50					
CAPTAFOL 2425-06-1											
1064	1625	52.7mg	188.mg	4/48	90.0mg	27/50	(180.mg	22/49	390.mg	0/51)	Ito;gann,75,853-865;1984
a	1625	216.mg	666.mg	0/48	90.0mg	6/50	180.mg	16/49	(390.mg	12/51)	
b	1625	216.mg	2.43gm	2/48	90.0mg	13/50	180.mg	12/49	(390.mg	0/51)	
c	1625	286.mg	1.09gm	0/48	90.0mg	3/50	180.mg	13/49	(390.mg	7/51)	
d	1625	770.mg	3.35gm	0/48	90.0mg	2/50	180.mg	2/49	390.mg	11/51)	
e	1625	1.36gm	43.5gm	0/48	90.0mg	1/50	180.mg	1/49	390.mg	5/51)	
f	1625	599.mg	n.s.s.	0/48	90.0mg	2/50	180.mg	4/49	(390.mg	0/51)	
g	1625	3.68gm	n.s.s.	0/48	90.0mg	1/50	180.mg	1/49	390.mg	5/51)	
h	1625	n.s.s.	n.s.s.	1/48	90.0mg	1/50	180.mg	3/49	390.mg	1/51)	
i	1625	2.61gm	n.s.s.	2/48	90.0mg	1/50	180.mg	3/49	390.mg	1/51)	
1065	1625	93.5mg	212.mg	0/47	83.1mg	10/51	166.mg	32/46	(332.mg	26/47)	
a	1625	68.5mg	901.mg	8/47	83.1mg	23/51	(166.mg	15/46	332.mg	1/47)	
b	1625	72.6mg	2.88gm	19/47	83.1mg	41/51	166.mg	30/46	(332.mg	3/47)	
c	1625	101.mg	237.mg	0/47	83.1mg	7/51	166.mg	32/46	(332.mg	22/47)	
d	1625	401.mg	1.14gm	0/47	83.1mg	1/51	166.mg	4/46	332.mg	20/47)	
e	1625	596.mg	30.9gm	0/47	83.1mg	0/51	166.mg	5/46	(332.mg	0/47)	
f	1625	882.mg	n.s.s.	0/47	83.1mg	2/51	166.mg	4/46	332.mg	4/47)	
g	1625	1.87gm	n.s.s.	0/47	83.1mg	0/51	166.mg	1/46	332.mg	2/47)	
h	1625	674.mg	n.s.s.	2/47	83.1mg	0/51	166.mg	5/46	(332.mg	1/47)	
i	1625	3.37gm	n.s.s.	1/47	83.1mg	0/51	166.mg	0/46	332.mg	1/47)	
j	1625	1.68gm	n.s.s.	1/47	83.1mg	2/51	166.mg	3/46	332.mg	1/47)	
k	1625	2.22gm	n.s.s.	4/47	83.1mg	5/51	166.mg	4/46	332.mg	1/47)	
1066	2133	722.mg	13.2gm	6/52	36.7mg	8/80	122.mg	10/80	367.mg	21/80	Quest;rtp,17,19-34;1993/pers.comm.
a	2133	1.52gm	44.2gm	0/52	36.7mg	1/80	122.mg	3/80	367.mg	6/80)	
1067	2133	188.mg	598.mg	0/52	33.9mg	8/80	113.mg	19/80	(339.mg	2/80)	
a	2133	822.mg	4.46gm	0/52	33.9mg	3/80	113.mg	4/80	339.mg	13/80)	
b	2133	1.42gm	n.s.s.	1/52	33.9mg	0/80	113.mg	5/80	339.mg	6/80)	
1068	2133	64.0mg	325.mg	4/50	2.80mg	2/49	12.1mg	3/50	54.8mg	17/50)	
a	2133	65.9mg	332.mg	4/50	2.80mg	2/49	12.1mg	2/50	54.8mg	17/50)	
b	2133	235.mg	31.3gm	0/50	2.80mg	0/50	12.1mg	0/50	54.8mg	3/50)	
c	2133	31.1mg	n.s.s.	18/49	2.80mg	26/49	12.1mg	28/50	54.8mg	33/50)	
d	2133	236.mg	n.s.s.	0/50	2.80mg	0/49	12.1mg	1/50	54.8mg	2/50)	
e	2133	245.mg	n.s.s.	1/50	2.80mg	0/50	12.1mg	0/50	54.8mg	3/50)	
f	2133	22.5mg	n.s.s.	1/50	2.80mg	0/50	12.1mg	0/50	54.8mg	0/50)	
1069	2133	110.mg	2.11gm	1/50	2.24mg	1/50	9.64mg	0/50	43.8mg	7/50)	
a	2133	143.mg	n.s.s.	0/50	2.24mg	1/50	9.64mg	0/50	43.8mg	4/50)	
b	2133	196.mg	n.s.s.	1/50	2.24mg	0/50	9.64mg	0/50	43.8mg	3/50)	
1070	1953	191.mg	n.s.s.	0/50	25.0mg	0/50	100.mg	0/50	250.mg	0/49	Nyska;isjm,25,428-432;1989
1071	1953	290.mg	1.05gm	0/50	20.0mg	1/49	80.0mg	5/49	200.mg	12/49)	
a	1953	318.mg	1.24gm	0/50	20.0mg	1/49	80.0mg	3/49	200.mg	12/49)	
b	1953	1.23gm	n.s.s.	0/50	20.0mg	0/49	80.0mg	2/49	200.mg	0/49)	
1072	1941	43.4mg	106.mg	3/50	34.8mg	14/50	69.6mg	34/50			Tamano;gann,81,1222-1231;1990
a	1941	149.mg	1.48gm	0/50	34.8mg	8/50	69.6mg	6/50			
b	1941	177.mg	1.14gm	0/50	34.8mg	3/50	69.6mg	8/50			
c	1941	349.mg	n.s.s.	0/50	34.8mg	0/50	69.6mg	4/50			
1073	1941	21.8mg	43.3mg	0/50	27.9mg	26/49	55.7mg	38/50			
a	1941	63.3mg	220.mg	2/50	27.9mg	8/50	55.7mg	21/50			
b	1941	163.mg	1.16gm	0/50	27.9mg	1/49	55.7mg	8/50			
c	1941	675.mg	n.s.s.	2/50	27.9mg	0/50	55.7mg	1/50			

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
CAPTAN 133-06-2											
1074	TR15	4.11gm	n.s.s.	3/10	914.mg	5/50	1.83gm	8/50			
	a	TR15	11.0gm	n.s.s.	1/10	914.mg	1/50	1.83gm	1/50	liv:hpa,hpc,nnd.	
	b	TR15	n.s.s.	n.s.s.	0/10	914.mg	0/50	1.83gm	0/50	lun:a/a,a/c.	
1075	TR15	6.53gm	n.s.s.	0/79p	914.mg	0/50	1.83gm	3/50			
1076	1092	155.mg	n.s.s.	0/16	78.4mg	0/18				Innes;ntis,1968/1969	
	a	1092	155.mg	n.s.s.	0/16	78.4mg	0/18				
	b	1092	59.8mg	n.s.s.	0/16	78.4mg	2/18				
1077	TR15	3.94gm	n.s.s.	5/10	844.mg	7/50	1.69gm	10/50			
	a	TR15	8.87gm	n.s.s.	3/10	844.mg	1/50	1.69gm	3/50	liv:hpa,hpc,nnd.	
	b	TR15	3.04gm	n.s.s.	2/10	844.mg	3/50	(1.69gm	1/50)	lun:a/a,a/c.	
1078	TR15	3.35gm	38.5gm	0/80p	844.mg	3/50	1.69gm	5/50			
	a	TR15	5.22gm	n.s.s.	0/80p	844.mg	1/50	1.69gm	3/50		
1079	1092	29.5mg	n.s.s.	0/16	73.0mg	4/15				Innes;ntis,1968/1969	
	a	1092	45.8mg	n.s.s.	0/16	73.0mg	2/15				
	b	1092	18.0mg	149.mg	0/16	73.0mg	7/15				
1080	1092	147.mg	n.s.s.	0/17	78.4mg	0/17					
	a	1092	147.mg	n.s.s.	1/17	78.4mg	0/17				
	b	1092	97.0mg	n.s.s.	2/17	78.4mg	1/17				
1081	1092	44.6mg	n.s.s.	1/18	73.0mg	3/17					
	a	1092	63.5mg	n.s.s.	2/18	73.0mg	2/17				
	b	1092	34.3mg	n.s.s.	3/18	73.0mg	5/17				
1082	2133m	1.03gm	3.62gm	3/80	762.mg	26/80	(1.28gm	21/80	2.05gm	29/80)	Quest;rtp,17,19-34;1993/pers.comm.
	a	2133m	1.23gm	4.33gm	1/80	762.mg	21/80	(1.28gm	17/80	2.05gm	21/80)
	b	2133m	6.09gm	n.s.s.	4/80	762.mg	12/80	1.28gm	9/80	2.05gm	13/80
1083	2133m	1.95gm	4.12gm	3/80	703.mg	19/80	1.18gm	22/80	1.89gm	39/80	
	a	2133m	2.49gm	5.51gm	2/80	703.mg	11/80	1.18gm	20/80	1.89gm	32/80
	b	2133m	4.85gm	44.6gm	1/80	703.mg	12/80	1.18gm	9/80	1.89gm	12/80
1084	TR15	170.mg	n.s.s.	8/10	89.0mg	39/50	212.mg	36/50			
	a	TR15	888.mg	n.s.s.	0/10	89.0mg	3/50	212.mg	1/50	liv:hpa,hpc,nnd.	
1085	TR15	109.mg	n.s.s.	4/75p	89.0mg	13/50	(212.mg	7/50)		adr:coa,coc. S	
1086	TR15	124.mg	n.s.s.	5/10	71.2mg	32/50	170.mg	25/50			
	a	TR15	798.mg	n.s.s.	1/10	71.2mg	1/50	170.mg	1/50	liv:hpa,hpc,nnd.	
1087	2133m	2.92gm	n.s.s.	0/70	25.0mg	0/70	100.mg	0/70	250.mg	1/70	Quest;rtp,17,19-34;1993/pers.comm.
	a	2133m	2.92gm	n.s.s.	0/70	25.0mg	0/70	100.mg	0/70	250.mg	1/70
	b	2133m	267.mg	n.s.s.	0/70	25.0mg	0/70	100.mg	0/70	250.mg	0/70
1088	2133m	902.mg	n.s.s.	1/70	20.0mg	1/70	80.0mg	3/70	200.mg	4/70	
	a	2133m	1.16gm	n.s.s.	1/70	20.0mg	0/70	80.0mg	2/70	200.mg	3/70
	b	2133m	1.55gm	n.s.s.	0/70	20.0mg	1/70	80.0mg	1/70	200.mg	1/70
1089	2133n	588.mg	11.8gm	0/50	6.25mg	0/50	25.0mg	0/50	100.mg	4/50	
CARBAMYL HYDRAZINE.HCl 563-41-7											
1090	60	111.mg	950.mg	21/90	125.mg	25/47					Toth;ejca,11,17-22;1975/1974
	a	60	149.mg	5.61gm	18/90	125.mg	20/47				
	b	60	164.mg	2.88gm	5/81	125.mg	9/31				
	c	60	256.mg	n.s.s.	3/81	125.mg	5/31				
	d	60	256.mg	n.s.s.	3/81	125.mg	5/31				
	e	60	292.mg	n.s.s.	2/81	125.mg	4/31				
1091	60	350.mg	n.s.s.	0/87	104.mg	2/32					
	a	60	224.mg	n.s.s.	15/99	104.mg	12/48				
	b	60	207.mg	n.s.s.	23/99	104.mg	15/48				
	c	60	240.mg	n.s.s.	6/87	104.mg	5/32				
1-CARBAMYL-2-PHENYLHYDRAZINE 103-03-7											
1092	60a	92.1mg	273.mg	18/100	500.mg	39/50					Toth;jnci,52,241-251;1974

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	60a	93.7mg	289.mg	21/100	500.mg	39/50					
b	60a	513.mg	19.6gm	4/100	500.mg	9/50					
c	60a	682.mg	n.s.s.	0/34	500.mg	4/42					
d	60a	807.mg	n.s.s.	0/34	500.mg	3/42					
1093	60a	94.8mg	305.mg	15/96	417.mg	33/47					
a	60a	101.mg	388.mg	23/96	417.mg	33/47					
b	60a	429.mg	n.s.s.	3/40	417.mg	5/32					
c	60a	477.mg	n.s.s.	2/40	417.mg	4/32					
CARBARSONE 121-59-5											
1094	65	747.mg	n.s.s.	0/89	25.0mg	0/43	50.0mg	1/45	69.2mg	0/49	Oser;txap,9,528-535;1966
1095	65	732.mg	n.s.s.	0/85	25.0mg	0/39	50.0mg	1/43	69.2mg	0/50	
CARBARYL (sevin) 63-25-2											
1096	1228	2.30mg	n.s.s.	1/17	1.93mg	1/18					Innes;ntis,1968/1969
a	1228	3.82mg	n.s.s.	0/17	1.93mg	0/18					
b	1228	1.82mg	n.s.s.	2/17	1.93mg	2/18					
1097	1228	2.12mg	n.s.s.	1/18	1.80mg	1/18					
a	1228	2.36mg	n.s.s.	2/18	1.80mg	1/18					
b	1228	1.86mg	n.s.s.	3/18	1.80mg	2/18					
1098	1228	3.82mg	n.s.s.	0/16	1.93mg	0/18					
a	1228	3.82mg	n.s.s.	0/16	1.93mg	0/18					
b	1228	2.01mg	n.s.s.	0/16	1.93mg	1/18					
1099	1228	1.02mg	n.s.s.	0/16	1.80mg	3/17					
a	1228	1.02mg	n.s.s.	0/16	1.80mg	3/17					
b	1228	.609mg	8.19mg	0/16	1.80mg	6/17					
1100	1426	19.5mg	n.s.s.	0/46	7.88mg	0/12					Andrianova;vpit,29,71-74;1970
a	1426	4.62mg	139.mg	1/46	7.88mg	4/12					
CARBAZOLE (9H-carbazole) 86-74-8											
1101	1481	64.8mg	174.mg	2/45	180.mg	35/49	(360.mg	24/43	749.mg	30/46)	Tsuda;jnci,69,1383-1387;1982
a	1481	663.mg	4.65gm	0/45	180.mg	5/49	360.mg	7/43	(749.mg	4/46)	
b	1481	1.15gm	83.3gm	0/45	180.mg	5/49	360.mg	8/43	749.mg	6/46	
c	1481	7.93gm	n.s.s.	2/45	180.mg	0/49	360.mg	0/43	749.mg	1/46	
1102	1481	281.mg	763.mg	9/46	166.mg	12/42	332.mg	20/42	665.mg	37/48	
a	1481	1.44gm	6.58gm	0/46	166.mg	0/42	332.mg	1/42	665.mg	11/48	
b	1481	2.13gm	18.0gm	0/46	166.mg	0/42	332.mg	0/42	665.mg	7/48	
c	1481	2.67gm	430.gm	0/46	166.mg	0/42	332.mg	1/42	665.mg	4/48	
d	1481	4.29gm	n.s.s.	4/46	166.mg	0/42	332.mg	1/42	665.mg	3/48	
CARBOFURAN (Furadan) 1563-66-2											
1103	2592	3.37mg	n.s.s.	0/60	.400mg	1/60	1.07mg	2/60			Wang;hjkx,9,505-508;1989
1104	2592	4.25mg	n.s.s.	2/60	.333mg	2/60	.889mg	1/60			
CARBON TETRACHLORIDE 56-23-5											
1105	1469m	119.mg	287.mg	1/18	774.mg	40/42	1.55gm	43/45			Weisburger;enhp,21,7-16;1977/National Cancer Institute 1976
a	1469m	490.mg	2.35gm	0/18	774.mg	15/42	(1.55gm	10/45)			
b	1469m	123.mg	324.mg	3/18	774.mg	40/42	1.55gm	43/45			
1106	1469m	70.1mg	220.mg	3/18	774.mg	49/49	1.55gm	47/48			
a	1469m	487.mg	1.21gm	0/18	774.mg	28/49	1.55gm	28/48			
b	1469m	70.9mg	230.mg	4/18	774.mg	49/49	1.55gm	47/48			
1107	2378	17.1mg	38.9mg	4/50	9.84mg	9/49	49.2mg	44/50	246.mg	48/49	Nagano;apor,741-746;1998/pers.comm.
a	2378	27.0mg	70.5mg	2/50	9.84mg	1/49	49.2mg	33/50	(246.mg	48/49)	
b	2378	46.4mg	265.mg	2/50	9.84mg	8/49	49.2mg	17/50	(246.mg	5/49)	
c	2378	226.mg	692.mg	0/50	9.84mg	0/49	49.2mg	0/50	246.mg	22/49	
d	2378	1.33gm	n.s.s.	2/50	9.84mg	2/49	49.2mg	1/50	246.mg	2/49	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code
e	2378	2.72gm	n.s.s.	4/50	9.84mg	2/49	49.2mg	1/50	246.mg	0/49				
1108	2378	8.96mg	29.2mg	24/50	8.20mg	20/50	41.0mg	48/50	205.mg	50/50				
a	2378	21.1mg	59.8mg	17/50	8.20mg	12/50	41.0mg	42/50	205.mg	48/50				
b	2378	28.1mg	135.mg	9/50	8.20mg	9/50	41.0mg	27/50	(205.mg	16/50)				
c	2378	86.8mg	190.mg	0/50	8.20mg	0/50	41.0mg	16/50	205.mg	31/50				
d	2378	1.68gm	n.s.s.	2/50	8.20mg	5/50	41.0mg	1/50	205.mg	1/50				
e	2378	48.2mg	n.s.s.	11/50	8.20mg	4/50	(41.0mg	3/50	205.mg	0/50)				
1109	2378	20.3mg	45.6mg	0/50	2.34mg	0/50	11.7mg	3/50	58.6mg	44/50				
a	2378	25.9mg	61.0mg	0/50	2.34mg	0/50	11.7mg	0/50	58.6mg	40/50				
b	2378	28.2mg	329.mg	0/50	2.34mg	1/50	11.7mg	6/50	(58.6mg	0/50)				
c	2378	68.9mg	236.mg	0/50	2.34mg	0/50	11.7mg	3/50	58.6mg	15/50				
d	2378	148.mg	n.s.s.	8/50	2.34mg	12/50	11.7mg	19/50	58.6mg	10/50				
e	2378	155.mg	n.s.s.	9/50	2.34mg	12/50	11.7mg	20/50	58.6mg	10/50				
1110	2378	17.4mg	40.8mg	1/50	1.64mg	1/50	8.20mg	1/50	41.0mg	40/50				
a	2378	25.2mg	65.1mg	1/50	1.64mg	0/50	8.20mg	0/50	41.0mg	32/50				
b	2378	37.5mg	112.mg	0/50	1.64mg	1/50	8.20mg	1/50	41.0mg	21/50				
1111	1515	.265mg	n.s.s.	0/34	.157mg	3/57							Tourkevitch;ijcn,20,1446-1449;1964	
a	1515	.214mg	n.s.s.	1/34	.157mg	5/57								
b	1515	87.0ug	2.27mg	2/34	.157mg	16/57								
1112	1469n	140.mg	n.s.s.	1/20	40.5mg	11/50	81.0mg	9/49					Weisburger;enhp,21,7-16;1977/National Cancer Institute 1976	
a	1469n	415.mg	n.s.s.	1/20	40.5mg	4/50	81.0mg	2/49						
b	1469n	144.mg	n.s.s.	10/20	40.5mg	34/50	81.0mg	20/49						
1113	1469n	201.mg	n.s.s.	0/20	23.8mg	2/49	47.6mg	3/50						
a	1469n	230.mg	n.s.s.	0/20	23.8mg	2/49	47.6mg	2/50						
b	1469n	48.7mg	n.s.s.	7/20	23.8mg	21/49	47.6mg	24/50						
CARBOXYMETHYLNITROSOUREA (CMNU) 60391-92-6														
1114	1547	1.44mg	4.77mg	9/36	5.71mg	28/40	11.4mg	30/38	(22.9mg	11/34)			Maekawa;zkko,106,12-16;1983	
a	1547	1.75mg	7.34mg	9/36	5.71mg	27/40	11.4mg	27/38	(22.9mg	10/34)				
b	1547	3.75mg	7.98mg	0/36	5.71mg	5/40	11.4mg	19/38	22.9mg	27/34				
c	1547	5.45mg	12.7mg	0/36	5.71mg	4/40	11.4mg	15/38	22.9mg	20/34				
d	1547	7.38mg	19.5mg	0/36	5.71mg	1/40	11.4mg	9/38	22.9mg	19/34				
e	1547	.854mg	2.48mg	14/36	5.71mg	34/40	11.4mg	35/38	22.9mg	34/34				
1115	1246	14.2mg	n.s.s.	0/26	5.29mg	6/40							Bulay;jnci,62,1523-1528;1979	
a	1246	68.1mg	n.s.s.	0/26	5.29mg	0/40								
b	1246	5.06mg	n.s.s.	10/26	5.29mg	24/40								
CARBOMAL (bromodiethylacetylurea) 77-65-6														
1116	TR173	314.mg	n.s.s.	0/20	122.mg	8/50	244.mg	9/49					lun:a/a,a/c. S	
a	TR173	210.mg	n.s.s.	7/20	122.mg	30/50	244.mg	25/49						
b	TR173	739.mg	n.s.s.	0/20	122.mg	1/50	244.mg	4/49					liv:hpa,hpc,nnd.	
c	TR173	314.mg	n.s.s.	0/20	122.mg	8/50	244.mg	9/49					lun:a/a,a/c.	
1117	TR173	344.mg	n.s.s.	12/20	112.mg	16/49	225.mg	21/50						
a	TR173	321.mg	n.s.s.	4/20	112.mg	8/49	225.mg	13/50					liv:hpa,hpc,nnd.	
b	TR173	748.mg	n.s.s.	7/20	112.mg	4/49	225.mg	8/50					lun:a/a,a/c.	
1118	TR173	138.mg	n.s.s.	10/20	61.9mg	24/50	124.mg	26/50						
a	TR173	n.s.s.	n.s.s.	0/20	61.9mg	0/50	124.mg	0/50					liv:hpa,hpc,nnd.	
1119	TR173	125.mg	n.s.s.	8/20	49.5mg	14/50	99.0mg	24/50						
a	TR173	886.mg	n.s.s.	1/20	49.5mg	0/50	99.0mg	1/50					liv:hpa,hpc,nnd.	
beta-CAROTENE 7235-40-7														
1120	2391	7.19gm	55.7gm	0/100	100.mg	0/100	250.mg	0/100	500.mg	3/100	1.00gm	5/100	Heywood;txcy,36,91-100;1985/1985b/pers.comm.	
a	2391	7.33gm	n.s.s.	10/100	100.mg	1/100	250.mg	6/100	500.mg	6/100	1.00gm	7/100		
b	2391	25.8gm	n.s.s.	1/100	100.mg	0/100	250.mg	0/100	500.mg	1/100	1.00gm	0/100		
c	2391	6.30gm	n.s.s.	14/100	100.mg	18/100	250.mg	12/100	500.mg	10/100	1.00gm	14/100		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc						Citation or Pathology	Brkly Code
c	1971	1.85gm	n.s.s.	1/30	320.mg	0/28									
1140	2107m	n.s.s.	60.1mg	0/12	160.mg	14/14								Hirose;canr,52,787-790;1992/pers.comm.	
a	2107m	117.mg	n.s.s.	0/12	160.mg	3/14									
1141	2107n	n.s.s.	83.2mg	0/10	320.mg	10/10									
a	2107n	69.6mg	n.s.s.	0/10	320.mg	4/10									
1142	2107o	n.s.s.	78.7mg	0/12	240.mg	18/18									
a	2107o	93.1mg	666.mg	0/12	240.mg	9/18									
1143	2107r	n.s.s.	116.mg	0/12	320.mg	15/15									
a	2107r	65.8mg	360.mg	0/12	320.mg	11/15									
1144	2162	n.s.s.	32.6mg	0/15	320.mg	15/15								Kawabe;gann,85,17-25;1994	
a	2162	48.8mg	1.23gm	0/15	320.mg	5/15									
b	2162	238.mg	n.s.s.	0/15	320.mg	0/15									
1145	2564	n.s.s.	32.1mg	0/15	314.mg	16/16								Wada;clet,124,127-134;1998	
a	2564	n.s.s.	32.1mg	0/15	314.mg	16/16									
b	2564	136.mg	n.s.s.	0/15	314.mg	1/16									
c	2564	136.mg	n.s.s.	0/15	314.mg	1/16									
d	2564	136.mg	n.s.s.	0/15	314.mg	1/16									
1146	2651	28.6mg	68.3mg	0/25	40.0mg	0/25	80.0mg	23/24	160.mg	25/25	(320.mg	23/25)		Hagiwara;txpy,29,180-186;2001/pers.comm.	
a	2651	535.mg	4.25gm	0/25	40.0mg	0/25	80.0mg	1/24	160.mg	1/25	320.mg	6/25			
b	2651	738.mg	13.7gm	0/25	40.0mg	0/25	80.0mg	0/24	160.mg	1/25	320.mg	4/25			
c	2651	998.mg	n.s.s.	0/25	40.0mg	0/25	80.0mg	0/24	160.mg	0/25	320.mg	3/25			
d	2651	1.00gm	n.s.s.	0/25	40.0mg	0/25	80.0mg	0/24	160.mg	1/25	320.mg	2/25			
e	2651	2.13gm	n.s.s.	0/25	40.0mg	1/25	80.0mg	0/24	160.mg	0/25	320.mg	0/25			
f	2651	109.mg	n.s.s.	1/25	40.0mg	0/25	80.0mg	0/24	160.mg	0/25	320.mg	0/25			
1147	2238o	28.5mg	131.mg	0/20	320.mg	29/30								Tanaka;fctx,33,93-98;1995/pers.comm.	
a	2238o	95.3mg	314.mg	0/20	320.mg	22/30									
b	2238o	629.mg	n.s.s.	0/20	320.mg	3/30									
c	2238o	1.98gm	n.s.s.	1/20	320.mg	0/30									
d	2238o	1.98gm	n.s.s.	0/20	320.mg	0/30									
1148	2238r	n.s.s.	97.3mg	0/21	320.mg	30/30									
a	2238r	86.6mg	283.mg	0/21	320.mg	23/30									
b	2238r	400.mg	33.9gm	0/21	320.mg	6/30									
c	2238r	1.05gm	n.s.s.	0/21	320.mg	1/30									
d	2238r	1.98gm	n.s.s.	0/21	320.mg	0/30									
1149	2122	285.mg	n.s.s.	0/10	320.mg	0/13								Tatematsu;carc,14,1415-1419;1993	
1150	2238n	n.s.s.	97.3mg	0/20	320.mg	30/30								Tanaka;fctx,33,93-98;1995/pers.comm.	
a	2238n	629.mg	n.s.s.	0/20	320.mg	3/30									
b	2238n	1.05gm	n.s.s.	0/20	320.mg	1/30									
c	2238n	891.mg	n.s.s.	1/20	320.mg	2/30									
1151	2238m	28.5mg	131.mg	0/20	320.mg	29/30									
a	2238m	114.mg	387.mg	0/20	320.mg	20/30									
b	2238m	629.mg	n.s.s.	0/20	320.mg	3/30									
c	2238m	781.mg	n.s.s.	0/20	320.mg	2/30									
d	2238m	781.mg	n.s.s.	0/20	320.mg	2/30									
e	2238m	1.05gm	n.s.s.	0/20	320.mg	1/30									
f	2238m	1.05gm	n.s.s.	0/20	320.mg	1/30									
CELECOXIB (Celebrex) 169590-42-5															
1152	2580	28.9mg	n.s.s.	0/9	60.0mg	0/9								Kawamori;canr,58,409-412;1998	
1153	2639	19.3mg	n.s.s.	0/6	60.0mg	0/6								Reddy;canr,60,293-297;2000	
CELIPROLOL (3-[3-acetyl-4-[3-(tert-butylamino)-2-hydroxypropoxy]phenyl]-1,1-diethylurea.HCl) 56980-93-9															
1154	1968	2.40gm	n.s.s.	13/100	100.mg	8/49	300.mg	9/50	900.mg	20/100				Markiewicz;phrm,38,421-434;1989	
1155	1968	1.61gm	n.s.s.	23/100	100.mg	16/51	300.mg	15/50	900.mg	34/100					
1156	2384	6.21gm	n.s.s.	0/100	559.mg	1/100								Markiewicz;phrm,38,407-420;1989	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	2384	6.21gm	n.s.s.	0/100	559.mg	1/100					
b	2384	234.mg	n.s.s.	93/100	559.mg	94/100					
1157	2384	3.47gm	n.s.s.	1/100	559.mg	4/100					
a	2384	6.30gm	n.s.s.	3/100	559.mg	2/100					
b	2384	219.mg	n.s.s.	86/100	559.mg	92/100					
CEVIMELINE.HCl ((+)-cis-2-methylspiro[1,3-oxathiolane-5,3'-quinuclidine].HCl hemihydrate, SNI-2011) 153504-70-2											
1158	2661	37.1mg	n.s.s.	0/20	36.0mg	0/20				Arisawa;phrm,60,53-72;2001	
1159	2661	37.1mg	n.s.s.	0/20	36.0mg	0/20					
CHENODEOXYCHOLIC ACID 474-25-9											
1160	1445	17.4mg	n.s.s.	0/10	31.3mg	0/10				Martin;bjca,43,884-886;1981	
CHLORAL HYDRATE 302-17-0											
1161	TR502	206.mg	n.s.s.	0/48	17.9mg	2/48	35.7mg	0/48	71.4mg	5/48	
a	TR502	59.3mg	n.s.s.	48/48	17.9mg	19/48	35.7mg	21/48	71.4mg	48/48	
b	TR502	248.mg	n.s.s.	2/48	17.9mg	2/48	35.7mg	3/48	71.4mg	3/48	liv:hpa,hpb,hpc.
c	TR502	225.mg	n.s.s.	1/48	17.9mg	1/48	35.7mg	2/48	71.4mg	4/48	lun:a/a,a/c.
1162	TR502a	20.7mg	n.s.s.	0/48	8.93mg	3/40					
a	TR502a	5.62mg	n.s.s.	48/48	8.93mg	40/40					
b	TR502a	43.2mg	n.s.s.	2/48	8.93mg	1/40					liv:hpa,hpb,hpc.
c	TR502a	22.5mg	n.s.s.	1/48	8.93mg	3/40					lun:a/a,a/c.
1163	TR502b	64.9mg	n.s.s.	0/48	17.9mg	1/40					
a	TR502b	9.57mg	n.s.s.	48/48	17.9mg	40/40					
b	TR502b	56.2mg	n.s.s.	2/48	17.9mg	2/40					liv:hpa,hpb,hpc.
c	TR502b	34.0mg	n.s.s.	1/48	17.9mg	4/40					lun:a/a,a/c.
1164	TR502c	46.8mg	n.s.s.	1/48	35.7mg	7/40					S
a	TR502c	129.mg	n.s.s.	0/48	35.7mg	1/40					
b	TR502c	20.4mg	n.s.s.	48/48	35.7mg	40/40					
c	TR502c	74.9mg	n.s.s.	2/48	35.7mg	4/40					liv:hpa,hpb,hpc.
d	TR502c	46.8mg	n.s.s.	1/48	35.7mg	7/40					lun:a/a,a/c.
1165	TR503	79.6mg	n.s.s.	16/48	17.9mg	25/48	35.7mg	23/48	71.4mg	22/48	liv:hpa,hpc.
a	TR503	55.6mg	n.s.s.	48/48	17.9mg	36/48	35.7mg	34/48	71.4mg	48/48	
b	TR503	79.6mg	n.s.s.	16/48	17.9mg	25/48	35.7mg	23/48	71.4mg	22/48	liv:hpa,hpb,hpc.
c	TR503	184.mg	n.s.s.	15/48	17.9mg	11/48	35.7mg	5/48	71.4mg	14/48	lun:a/a,a/c.
1166	TR503a	29.1mg	n.s.s.	2/12	17.9mg	3/12	35.7mg	3/12	71.4mg	3/12	liv:hpa,hpc.
a	TR503a	29.1mg	n.s.s.	2/12	17.9mg	3/12	35.7mg	3/12	71.4mg	3/12	liv:hpa,hpb,hpc.
1167	2072m	17.6mg	n.s.s.	0/5	166.mg	2/5					Daniel;faat,19,159-168;1992/pers.comm.
1168	2072n	53.2mg	334.mg	3/20	166.mg	17/24					
a	2072n	98.7mg	4.53gm	2/20	166.mg	11/24					
b	2072n	149.mg	n.s.s.	1/20	166.mg	7/24					
1169	2640m	35.0mg	n.s.s.	1/7	20.0mg	1/6	96.7mg	0/8	213.mg	3/7	George;txpy,28,610-618;2000/pers.comm.
a	2640m	32.8mg	n.s.s.	2/7	20.0mg	1/6	96.7mg	1/8	213.mg	3/7	
b	2640m	83.4mg	n.s.s.	1/7	20.0mg	0/6	96.7mg	1/8	213.mg	0/7	
1170	2640n	40.0mg	718.mg	0/7	20.0mg	0/6	96.7mg	4/7	213.mg	3/7	
a	2640n	80.5mg	n.s.s.	2/7	20.0mg	5/6	96.7mg	1/7	213.mg	3/7	
b	2640n	55.7mg	n.s.s.	2/7	20.0mg	5/6	96.7mg	4/7	213.mg	3/7	
1171	2640o	46.1mg	739.mg	27/42	20.0mg	34/45	96.7mg	31/39	213.mg	30/32	
a	2640o	73.8mg	1.01gm	23/42	20.0mg	25/45	96.7mg	23/39	213.mg	28/32	
b	2640o	125.mg	57.9gm	9/42	20.0mg	19/45	96.7mg	20/39	213.mg	17/32	
1172	2640m	1.72mg	n.s.s.	0/7	6.00mg	0/7	29.0mg	0/7	126.mg	0/7	
1173	2640n	4.17mg	n.s.s.	1/7	6.00mg	0/7	29.0mg	0/6	126.mg	0/7	
1174	2640o	505.mg	n.s.s.	1/42	6.00mg	6/44	29.0mg	1/44	126.mg	3/42	
CHLORAMBEN 133-90-4											
1175	TR25	1.80gm	n.s.s.	0/10	1.14gm	12/50	2.26gm	13/50			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	TR25	2.28gm	n.s.s.	0/10	1.14gm	8/50	2.26gm	10/50		liv:hpa,hpc,nnd.
b	TR25	9.57gm	n.s.s.	0/10	1.14gm	1/50	2.26gm	1/50		lun:a/a,a/c.
1176	TR25	2.58gm	57.4gm	2/69p	1.14gm	7/50	2.26gm	10/50		
1177	TR25	1.53gm	n.s.s.	2/10	1.05gm	20/50	2.09gm	20/50		
a	TR25	2.26gm	n.s.s.	2/10	1.05gm	18/50	2.09gm	14/50		liv:hpa,hpc,nnd.
b	TR25	6.22gm	n.s.s.	0/10	1.05gm	0/50	2.09gm	4/50		lun:a/a,a/c.
1178	TR25	2.01gm	n.s.s.	9/70p	1.05gm	16/50	2.09gm	14/50		
1179	TR25	616.mg	n.s.s.	6/10	354.mg	36/50	708.mg	34/50		
a	TR25	2.90gm	n.s.s.	0/10	354.mg	2/50	708.mg	1/50		liv:hpa,hpc,nnd.
1180	TR25	339.mg	n.s.s.	2/10	286.mg	25/50	566.mg	24/50		
a	TR25	1.79gm	n.s.s.	0/10	286.mg	4/50	566.mg	1/50		liv:hpa,hpc,nnd.
1181	TR25	1.31gm	n.s.s.	0/75p	286.mg	4/50	566.mg	3/50		S

CHLORAMBUCIL 305-03-3

1182	1336	51.4ug	.225mg	20/154	.213mg	16/19	.426mg	4/8	Skipper;srfr;1976/Weisburger;canc;1977/Prejean pers.comm.	
a	1336	.229mg	8.39mg	3/154	.213mg	1/19	.426mg	3/8		
b	1336	.215mg	n.s.s.	1/154	.213mg	0/19	.426mg	0/8		
c	1336	11.8ug	77.2ug	42/154	.213mg	18/19	.426mg	8/8		
d	1336	30.9ug	.136mg	29/154	.213mg	16/19	.426mg	7/8		
e	1336	.350mg	n.s.s.	13/154	.213mg	2/19	.426mg	1/8		
1183	1336	.108mg	.567mg	9/101	.213mg	10/26	.426mg	7/12		
a	1336	.194mg	1.61mg	2/101	.213mg	6/26	.426mg	3/12		
b	1336	.308mg	n.s.s.	2/101	.213mg	0/26	.426mg	0/12		
c	1336	54.3ug	.256mg	28/101	.213mg	18/26	.426mg	10/12		
d	1336	67.7ug	.305mg	19/101	.213mg	14/26	.426mg	10/12		
e	1336	.535mg	n.s.s.	9/101	.213mg	4/26	.426mg	0/12		
1184	1336	.456mg	19.3mg	2/177	.314mg	2/21	.643mg	2/12		
a	1336	.524mg	12.4mg	0/177	.314mg	1/21	.643mg	2/12		
b	1336	.412mg	n.s.s.	0/177	.314mg	0/21	.643mg	0/12		
c	1336	.198mg	n.s.s.	59/177	.314mg	9/21	.643mg	7/12		
d	1336	.252mg	n.s.s.	32/177	.314mg	5/21	.643mg	6/12		
e	1336	.681mg	n.s.s.	27/177	.314mg	4/21	.643mg	1/12		
1185	1770	.286mg	2.96mg	8/120	.323mg	10/30	(.645mg	5/30)	Berger;smn,13,8-13;1986	
a	1770	1.94mg	65.5mg	0/120	.323mg	0/30	.645mg	3/30		
b	1770	1.37mg	n.s.s.	2/120	.323mg	3/30	.645mg	3/30		
c	1770	.343mg	1.26mg	13/120	.323mg	15/30	.645mg	15/30		
d	1770	.517mg	n.s.s.	43/120	.323mg	15/30	.645mg	15/30		

CHLORAMINATED WATER ---

1186	TR392	18.1mg	n.s.s.	35/50	9.86mg	40/50	19.7mg	35/50	(39.4mg	31/50)	
a	TR392	97.9mg	n.s.s.	20/50	9.86mg	21/50	19.7mg	24/50	39.4mg	15/50	liv:hpa,hpc,nnd.
b	TR392	207.mg	n.s.s.	5/50	9.86mg	5/50	19.7mg	3/50	39.4mg	3/50	lun:a/a,a/c.
1187	TR392	13.8mg	466.mg	0/50	8.21mg	5/50	(16.4mg	3/50	32.8mg	2/51)	mul:mlm,mlp. S
a	TR392	2.95mg	n.s.s.	42/50	8.21mg	49/50	(16.4mg	41/50	32.8mg	37/51)	
b	TR392	3.85mg	n.s.s.	35/50	8.21mg	39/50	(16.4mg	33/50	32.8mg	25/51)	liv:hpa,hpc,nnd.
c	TR392	27.9mg	n.s.s.	21/50	8.21mg	19/50	16.4mg	17/50	(32.8mg	7/51)	lun:a/a,a/c.
1188	TR392	4.42mg	226.mg	0/50	2.81mg	5/50	(5.63mg	1/50	11.3mg	0/50)	pni:isa,isc. S
a	TR392	10.1mg	n.s.s.	8/50	2.81mg	11/50	5.63mg	15/50	11.3mg	16/50	
b	TR392	5.25mg	n.s.s.	48/50	2.81mg	45/50	5.63mg	44/50	11.3mg	47/50	
c	TR392	26.0mg	n.s.s.	1/50	2.81mg	3/50	5.63mg	1/50	11.3mg	3/50	liv:hpa,hpc,nnd.
1189	TR392	11.3mg	n.s.s.	0/51	2.47mg	4/50	4.94mg	2/51	9.87mg	5/50	S
a	TR392	4.22mg	n.s.s.	46/51	2.47mg	50/50	4.94mg	50/51	9.87mg	48/50	
b	TR392	33.6mg	n.s.s.	2/51	2.47mg	4/50	4.94mg	2/51	9.87mg	0/50	liv:hpa,hpc,nnd.

CHLORAMPHENICOL (chloromycetin) 56-75-7

1190	200a	45.3mg	n.s.s.	0/71	22.0mg	1/36				Cohen;jnci,51,403-417;1973
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RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	200a	22.2mg	n.s.s.	18/71	22.0mg	9/36			
CHLORANIL (tetrachloro-p-benzoquinone) 118-75-2									
1191	1241	106.mg	n.s.s.	1/17	89.1mg	1/18		Innes;ntis,1968/1969	
a	1241	177.mg	n.s.s.	0/17	89.1mg	0/18			
b	1241	84.1mg	n.s.s.	2/17	89.1mg	2/18			
1192	1241	77.5mg	n.s.s.	2/18	82.9mg	2/18			
a	1241	98.0mg	n.s.s.	1/18	82.9mg	1/18			
b	1241	51.5mg	n.s.s.	3/18	82.9mg	4/18			
1193	1241	64.0mg	n.s.s.	0/16	89.1mg	2/17			
a	1241	167.mg	n.s.s.	0/16	89.1mg	0/17			
b	1241	64.0mg	n.s.s.	0/16	89.1mg	2/17			
1194	1241	24.3mg	220.mg	0/16	82.9mg	7/17			
a	1241	38.9mg	n.s.s.	0/16	82.9mg	4/17			
b	1241	16.1mg	89.9mg	0/16	82.9mg	10/17			
CHLORDANE, TECHNICAL GRADE 57-74-9									
1195	TR8	3.28mg	7.88mg	0/20	3.51mg	3/50	7.41mg	34/50	
a	TR8	3.28mg	11.7mg	2/20	3.51mg	6/50	7.41mg	35/50	
b	TR8	3.28mg	7.88mg	0/20	3.51mg	3/50	7.41mg	34/50	
c	TR8	37.1mg	n.s.s.	0/20	3.51mg	0/50	7.41mg	1/50	liv:hpa,hpc,nnd. lun:a/a,a/c.
1196	TR8	3.41mg	9.30mg	3/80p	3.51mg	3/50	7.41mg	34/50	
1197	TR8	1.45mg	4.08mg	2/18	3.12mg	16/50	6.00mg	43/50	
a	TR8	1.47mg	5.55mg	4/18	3.12mg	19/50	6.00mg	43/50	
b	TR8	1.45mg	4.08mg	2/18	3.12mg	16/50	6.00mg	43/50	liv:hpa,hpc,nnd. lun:a/a,a/c.
c	TR8	9.98mg	n.s.s.	1/18	3.12mg	6/50	6.00mg	3/50	
1198	TR8	1.61mg	4.44mg	17/95p	3.12mg	16/50	6.00mg	43/50	
1199	2246m	.228mg	1.94mg	7/15	6.86mg	29/30			Malarkey;carc,16,2617-2625;1995/pers.comm.
a	2246m	.430mg	3.39mg	6/15	6.86mg	27/30			
b	2246m	1.02mg	5.61mg	1/15	6.86mg	18/30			
1200	2246n	n.s.s.	1.42mg	0/5	6.11mg	10/10			
a	2246n	n.s.s.	1.42mg	0/5	6.11mg	10/10			
b	2246n	.591mg	9.61mg	0/5	6.11mg	7/10			
1201	2246o	n.s.s.	1.08mg	0/5	6.90mg	20/20			
a	2246o	n.s.s.	1.08mg	0/5	6.90mg	20/20			
b	2246o	.417mg	2.02mg	0/5	6.90mg	18/20			
1202	2246r	.368mg	1.47mg	7/43	5.82mg	31/33			
a	2246r	1.44mg	6.43mg	3/43	5.82mg	18/33			
1203	2246s	.966mg	3.34mg	10/70	6.91mg	28/36			
a	2246s	1.13mg	3.92mg	8/70	6.91mg	26/36			
b	2246s	1.67mg	6.13mg	3/70	6.91mg	20/36			
1204	2135	7.63mg	27.6mg	3/102	6.00mg	23/79			Barrass;enhp,101,219-224;1993/Tucker 1995/pers.comm.
1205	66a	1.15mg	2.94mg	0/57	.650mg	0/62	3.25mg	32/51 (6.50mg	36/51) Epstein(review) {irdc};stev,6,103-154;1976
a	66a	19.0mg	n.s.s.	1/57	.650mg	0/62	3.25mg	2/51 6.50mg	2/51
b	66a	13.1mg	n.s.s.	6/57	.650mg	2/62	3.25mg	2/51 (6.50mg	0/51)
1206	66a	1.07mg	2.05mg	1/47	.600mg	6/58	3.00mg	34/52 6.00mg	38/50
a	66a	14.5mg	n.s.s.	4/47	.600mg	6/58	3.00mg	10/52 6.00mg	2/50
b	66a	32.7mg	n.s.s.	8/47	.600mg	7/58	3.00mg	2/52 6.00mg	2/50
1207	1477	n.s.s.	n.s.s.	5/8	3.00mg	8/8			Becker;canr,42,3918-3923;1982
1208	2246u	1.07mg	4.73mg	0/10	6.86mg	17/30			Malarkey;carc,16,2617-2625;1995/pers.comm.
a	2246u	1.26mg	6.90mg	0/10	6.86mg	15/30			
b	2246u	2.62mg	n.s.s.	0/10	6.86mg	7/30			
1209	2246v	.579mg	2.15mg	0/5	6.90mg	26/30			
a	2246v	.742mg	3.02mg	0/5	6.90mg	24/30			
b	2246v	1.76mg	n.s.s.	0/5	6.90mg	14/30			
1210	2246w	2.52mg	6.58mg	1/27	6.96mg	40/67			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	2246w	3.18mg	9.47mg	1/27	6.96mg	34/67						
b	2246w	3.30mg	10.1mg	1/27	6.96mg	33/67						
1211	1948	4.19mg	n.s.s.	0/33	.130mg	2/43	.650mg	1/42	1.62mg	4/37	Khasawinah;rtxp,10,244-254;1989/pers.comm.	
a	1948	4.86mg	n.s.s.	0/33	.130mg	2/43	.650mg	1/42	1.62mg	3/37		
b	1948	9.77mg	n.s.s.	0/30	.130mg	0/32	.650mg	0/37	1.62mg	1/35		
c	1948	6.88mg	n.s.s.	6/66	.130mg	10/64	.650mg	8/68	1.62mg	8/68		
1212	1948	1.02mg	4.10mg	15/61	.120mg	15/58	.600mg	21/61	1.50mg	37/60		
a	1948	1.57mg	12.0mg	12/61	.120mg	12/58	.600mg	13/61	1.50mg	28/60		
b	1948	2.18mg	13.3mg	7/68	.120mg	4/64	.600mg	11/65	1.50mg	20/66		
c	1948	3.11mg	n.s.s.	3/57	.120mg	3/54	.600mg	8/59	1.50mg	9/55		
1213	TR8	4.46mg	n.s.s.	7/10	4.40mg	34/50	8.90mg	29/50				
a	TR8	11.2mg	n.s.s.	1/10	4.40mg	11/50	8.90mg	6/50			liv:hpa,hpc,nnd.	
1214	TR8	30.4mg	n.s.s.	0/60p	4.40mg	1/50	8.90mg	2/50			ute:adc,sar. S	
1215	TR8	17.9mg	n.s.s.	0/10	5.96mg	1/50	11.9mg	6/50			thy:fca,fcc. S	
a	TR8	18.9mg	n.s.s.	0/10	5.96mg	1/50	11.9mg	7/50			S	
b	TR8	6.13mg	n.s.s.	3/10	5.96mg	21/50	11.9mg	23/50				
c	TR8	40.9mg	n.s.s.	0/10	5.96mg	2/50	11.9mg	0/50			liv:hpa,hpc,nnd.	
1216	TR8	22.3mg	n.s.s.	2/60p	5.96mg	1/50	11.9mg	7/50			S	
1217	1949	.142mg	21.5mg	3/64	50.0ug	12/62	(.250mg	6/63	1.25mg	6/64)	Khasawinah;rtxp,10,95-109;1989	
a	1949	27.8mg	n.s.s.	0/64	50.0ug	1/62	.250mg	0/63	1.25mg	0/64		
1218	1949	4.90mg	n.s.s.	2/64	40.0ug	4/64	.200mg	2/64	1.00mg	7/64		
CHLORENDIC ACID 115-28-6												
1219	TR304	153.mg	1.94gm	1/50	79.1mg	5/50	160.mg	6/50			lun:a/a,a/c. S	
a	TR304	177.mg	1.68gm	0/50	79.1mg	4/50	160.mg	4/50			S	
b	TR304	367.mg	n.s.s.	0/50	79.1mg	1/50	160.mg	3/50			mey:hes; spl:hes. S	
c	TR304	46.6mg	350.mg	29/50	79.1mg	32/50	160.mg	32/50				
d	TR304	150.mg	52.5gm	3/50	79.1mg	7/50	160.mg	7/50			liv:hpa,hpc,nnd.	
e	TR304	153.mg	1.94gm	1/50	79.1mg	5/50	160.mg	6/50			lun:a/a,a/c.	
1220	TR304	72.2mg	1.17gm	13/50	73.0mg	23/50	149.mg	27/50			liv:hpa,hpc.	
a	TR304	101.mg	8.47gm	9/50	73.0mg	17/50	149.mg	20/50				
b	TR304	150.mg	n.s.s.	5/50	73.0mg	9/50	149.mg	10/50				
c	TR304	474.mg	n.s.s.	0/50	73.0mg	0/50	149.mg	3/50			S	
d	TR304	74.7mg	n.s.s.	35/50	73.0mg	31/50	149.mg	39/50				
e	TR304	72.2mg	1.17gm	13/50	73.0mg	23/50	149.mg	27/50			liv:hpa,hpc,nnd.	
f	TR304	379.mg	n.s.s.	15/50	73.0mg	4/50	149.mg	9/50			lun:a/a,a/c.	
1221	TR304	56.0mg	283.mg	1/50	30.7mg	5/50	61.9mg	16/50			liv:hpc,nnd.	
a	TR304	80.3mg	1.11gm	1/50	30.7mg	3/50	61.9mg	11/50				
b	TR304	122.mg	n.s.s.	0/50	30.7mg	3/50	61.9mg	5/50				
c	TR304	41.7mg	n.s.s.	48/50	30.7mg	48/50	61.9mg	48/50				
d	TR304	56.0mg	283.mg	1/50	30.7mg	5/50	61.9mg	16/50			liv:hpa,hpc,nnd.	
1222	TR304	16.2mg	57.9mg	2/50	24.5mg	22/50	49.5mg	23/50			liv:nnd; pan:ana. C	
a	TR304	16.3mg	58.7mg	2/50	24.5mg	21/50	49.5mg	23/50				
b	TR304	18.2mg	127.mg	5/50	24.5mg	22/50	49.5mg	23/50			liv:hpc,nnd. S	
c	TR304	63.4mg	1.04gm	0/50	24.5mg	4/50	49.5mg	6/50				
d	TR304	69.7mg	10.1gm	0/50	24.5mg	4/50	49.5mg	5/50			lun:a/a,a/c. S	
e	TR304	75.9mg	8.53gm	0/50	24.5mg	3/50	49.5mg	5/50				
f	TR304	26.2mg	n.s.s.	1/50	24.5mg	10/50	(49.5mg	4/50)			pre:adn,can,sqp. S	
g	TR304	130.mg	n.s.s.	0/50	24.5mg	1/50	49.5mg	3/50			S	
h	TR304	68.2mg	n.s.s.	1/50	24.5mg	8/50	49.5mg	4/50				
i	TR304	25.7mg	n.s.s.	50/50	24.5mg	49/50	49.5mg	50/50				
j	TR304	18.2mg	127.mg	5/50	24.5mg	22/50	49.5mg	23/50			liv:hpa,hpc,nnd.	
CHLORINATED PARAFFINS (C12, 60% CHLORINE) (chlorowax 500c, avg. mol. wt. = 411) 63449-39-8												
1223	TR308	53.3mg	200.mg	11/50	87.6mg	29/50	176.mg	34/50			liv:hpa,hpc; thy:fca,fcc. C	
a	TR308	62.2mg	169.mg	3/50	87.6mg	22/50	176.mg	28/50			liv:hpa,hpc.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR308	70.9mg	164.mg	0/50	87.6mg	18/50	176.mg	22/50		
c	TR308	278.mg	2.56gm	0/50	87.6mg	3/50	176.mg	6/50		S
d	TR308	136.mg	n.s.s.	8/50	87.6mg	12/50	176.mg	15/50	thy:fca,fcc.	
e	TR308	126.mg	n.s.s.	1/50	87.6mg	6/50	(176.mg	2/50)		S
f	TR308	150.mg	n.s.s.	8/50	87.6mg	12/50	176.mg	13/50		
g	TR308	247.mg	n.s.s.	3/50	87.6mg	4/50	176.mg	9/50		S
h	TR308	64.1mg	n.s.s.	40/50	87.6mg	42/50	176.mg	42/50		
i	TR308	62.2mg	169.mg	3/50	87.6mg	22/50	176.mg	28/50	liv:hpa,hpc,nnd.	
j	TR308	581.mg	n.s.s.	3/50	87.6mg	4/50	176.mg	1/50	lun:a/a,a/c.	
1224	TR308	71.9mg	1.83gm	20/50	87.6mg	34/50	177.mg	38/50	liv:hpa,hpc.	
a	TR308	83.9mg	811.mg	11/50	87.6mg	20/50	177.mg	29/50		
b	TR308	284.mg	1.65gm	0/50	87.6mg	3/50	177.mg	6/50		S
c	TR308	74.9mg	n.s.s.	37/50	87.6mg	44/50	177.mg	46/50		
d	TR308	71.9mg	1.83gm	20/50	87.6mg	34/50	177.mg	38/50	liv:hpa,hpc,nnd.	
e	TR308	263.mg	n.s.s.	5/50	87.6mg	6/50	177.mg	9/50	lun:a/a,a/c.	
1225	TR308	158.mg	11.0gm	11/50	221.mg	22/50	(442.mg	16/50)		S
a	TR308	351.mg	1.17gm	0/50	221.mg	11/50	442.mg	12/50	liv:hpc,nnd; thy:fca,fcc.	C
b	TR308	290.mg	3.62gm	0/50	221.mg	6/50	(442.mg	3/50)		S
c	TR308	577.mg	4.00gm	0/50	221.mg	5/50	442.mg	7/50	liv:hpc,nnd.	
d	TR308	592.mg	5.24gm	0/50	221.mg	6/50	442.mg	6/50	thy:fca,fcc.	
e	TR308	597.mg	2.94gm	0/50	221.mg	4/50	442.mg	7/50		
f	TR308	167.mg	n.s.s.	6/50	221.mg	14/50	(442.mg	11/50)	ute:esp,ess.	S
g	TR308	286.mg	n.s.s.	1/50	221.mg	5/50	(442.mg	2/50)		S
h	TR308	1.23gm	n.s.s.	0/50	221.mg	0/50	442.mg	3/50		S
i	TR308	205.mg	n.s.s.	48/50	221.mg	45/50	442.mg	46/50		
j	TR308	577.mg	4.00gm	0/50	221.mg	5/50	442.mg	7/50	liv:hpa,hpc,nnd.	
1226	TR308	41.7mg	187.mg	48/50	221.mg	49/50	442.mg	47/50		S
a	TR308	61.4mg	202.mg	0/50	221.mg	18/50	442.mg	18/50	kid:tla,uac; liv:hpc,nnd.	C
b	TR308	65.6mg	240.mg	0/50	221.mg	13/50	442.mg	16/50	liv:hpc,nnd.	
c	TR308	76.1mg	369.mg	11/50	221.mg	22/50	442.mg	17/50	pan:acc,ana.	S
d	TR308	77.5mg	409.mg	11/50	221.mg	22/50	442.mg	15/50		S
e	TR308	88.6mg	335.mg	0/50	221.mg	10/50	442.mg	16/50		
f	TR308	88.0mg	864.mg	15/50	221.mg	15/50	442.mg	15/50	adr:phe,phm.	S
g	TR308	75.8mg	591.mg	0/50	221.mg	9/50	(442.mg	3/50)	kid:tla,uac.	
h	TR308	169.mg	2.48gm	7/50	221.mg	12/50	442.mg	14/50	mul:mnl; spl:mnl.	S
i	TR308	164.mg	1.43gm	0/50	221.mg	7/50	442.mg	3/50		S
j	TR308	184.mg	3.24gm	0/50	221.mg	3/50	442.mg	2/50		S
k	TR308	90.5mg	n.s.s.	3/50	221.mg	5/50	(442.mg	1/50)	ski:fib; sub:fib.	S
l	TR308	173.mg	n.s.s.	9/50	221.mg	4/50	442.mg	9/50	pre:adn,can.	S
m	TR308	172.mg	n.s.s.	2/50	221.mg	4/50	442.mg	2/50		S
n	TR308	183.mg	n.s.s.	4/50	221.mg	3/50	442.mg	7/50		S
o	TR308	41.8mg	193.mg	50/50	221.mg	49/50	442.mg	48/50		
p	TR308	65.6mg	240.mg	0/50	221.mg	13/50	442.mg	16/50	liv:hpa,hpc,nnd.	
CHLORINATED PARAFFINS (C23, 43% CHLORINE) (chlorowax 40, avg. mol. wt. = 560) 63449-39-8										
1227	TR305	3.84gm	n.s.s.	4/50	1.75gm	3/50	3.54gm	10/50		liv:hpa,hpc.
a	TR305	5.22gm	n.s.s.	1/50	1.75gm	1/50	3.54gm	6/50		
b	TR305	4.96gm	n.s.s.	3/50	1.75gm	2/50	3.54gm	7/50		
c	TR305	1.34gm	n.s.s.	32/50	1.75gm	29/50	3.54gm	38/50		
d	TR305	3.84gm	n.s.s.	4/50	1.75gm	3/50	3.54gm	10/50	liv:hpa,hpc,nnd.	
e	TR305	8.55gm	n.s.s.	3/50	1.75gm	3/50	3.54gm	3/50	lun:a/a,a/c.	
1228	TR305	2.96gm	n.s.s.	6/50	1.77gm	12/50	3.54gm	16/50	liv:mno; mln:mlm,mlp; mul:mlh,mlm,mlp; smi:mlm; spl:mlm.	
a	TR305	8.63gm	n.s.s.	0/50	1.77gm	2/50	3.54gm	3/50	mln:mlp; mul:mlp.	
b	TR305	13.0gm	n.s.s.	0/50	1.77gm	0/50	3.54gm	3/50		
c	TR305	13.2gm	n.s.s.	0/50	1.77gm	0/50	3.54gm	3/50		S
d	TR305	4.09gm	n.s.s.	5/50	1.77gm	10/50	3.54gm	10/50	mln:mlm; mul:mlm; smi:mlm; spl:mlm.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
e	TR305	2.12gm	n.s.s.	43/50	1.77gm	41/50	3.54gm	43/50				
f	TR305	3.06gm	n.s.s.	18/50	1.77gm	21/50	3.54gm	23/50			liv:hpa,hpc,nnd.	
g	TR305	4.75gm	n.s.s.	11/50	1.77gm	10/50	3.54gm	13/50			lun:a/a,a/c.	
1229	TR305	868.mg	n.s.s.	1/50	70.1mg	4/50	210.mg	6/50	631.mg	7/50	amd:phe,phm.	
a	TR305	511.mg	n.s.s.	46/50	70.1mg	45/50	210.mg	40/50	631.mg	41/50		
b	TR305	2.49gm	n.s.s.	1/50	70.1mg	2/50	210.mg	1/50	631.mg	2/50	liv:hpa,hpc,nnd.	
1230	TR305	5.89gm	n.s.s.	0/50	1.31gm	3/50	2.63gm	3/50				S
a	TR305	6.56gm	n.s.s.	0/50	1.31gm	1/50	2.63gm	4/50				S
b	TR305	1.78gm	n.s.s.	46/50	1.31gm	42/50	2.63gm	41/50				
c	TR305	5.89gm	n.s.s.	0/50	1.31gm	3/50	2.63gm	3/50			liv:hpa,hpc,nnd.	
CHLORINATED TRISODIUM PHOSPHATE 32680-25-4												
1231	TR294	488.mg	48.3gm	0/50	350.mg	4/50	(701.mg	0/50)				S
a	TR294	305.mg	n.s.s.	29/50	350.mg	32/50	701.mg	29/50				
b	TR294	774.mg	n.s.s.	6/50	350.mg	8/50	701.mg	6/50			liv:hpa,hpc,nnd.	
c	TR294	2.31gm	n.s.s.	6/50	350.mg	2/50	701.mg	3/50			lun:a/a,a/c.	
1232	TR294	2.02gm	n.s.s.	0/50	352.mg	1/50	707.mg	3/50				S
a	TR294	2.54gm	n.s.s.	0/50	352.mg	0/50	707.mg	3/50				S
b	TR294	577.mg	n.s.s.	35/50	352.mg	37/50	707.mg	30/50				
c	TR294	812.mg	n.s.s.	14/50	352.mg	14/50	707.mg	17/50			liv:hpa,hpc,nnd.	
d	TR294	1.22gm	n.s.s.	8/50	352.mg	12/50	707.mg	7/50			lun:a/a,a/c.	
CHLORINATED WATER ---												
1233	TR392	225.mg	n.s.s.	0/50	13.8mg	0/51	27.5mg	1/50	54.1mg	3/50		S
a	TR392	40.7mg	n.s.s.	35/50	13.8mg	43/51	27.5mg	37/50	54.1mg	39/50		
b	TR392	48.8mg	n.s.s.	20/50	13.8mg	22/51	27.5mg	23/50	54.1mg	24/50	liv:hpa,hpc,nnd.	
c	TR392	163.mg	n.s.s.	5/50	13.8mg	10/51	27.5mg	7/50	54.1mg	4/50	lun:a/a,a/c.	
1234	TR392	90.5mg	n.s.s.	0/50	11.5mg	3/50	22.9mg	3/50	45.1mg	4/51	mul:mlm,mlu.	S
a	TR392	25.1mg	n.s.s.	42/50	11.5mg	45/50	22.9mg	44/50	45.1mg	47/51		
b	TR392	42.5mg	n.s.s.	35/50	11.5mg	38/50	22.9mg	33/50	45.1mg	34/51	liv:hpa,hpc,nnd.	
c	TR392	57.5mg	n.s.s.	21/50	11.5mg	12/50	22.9mg	21/50	45.1mg	19/51	lun:a/a,a/c.	
1235	TR392	5.27mg	n.s.s.	0/50	3.95mg	0/50	7.89mg	3/51	15.5mg	3/50	pni:isa,isc.	S
a	TR392	9.89mg	n.s.s.	8/50	3.95mg	7/50	7.89mg	19/51	15.5mg	16/50		
b	TR392	7.45mg	n.s.s.	0/50	3.95mg	0/50	7.89mg	2/51	15.5mg	3/50		S
c	TR392	8.52mg	n.s.s.	48/50	3.95mg	46/50	7.89mg	46/51	15.5mg	43/50		
d	TR392	99.6mg	n.s.s.	1/50	3.95mg	1/50	7.89mg	2/51	15.5mg	0/50	liv:hpa,hpc,nnd.	
1236	TR392	.545mg	n.s.s.	33/51	3.46mg	41/51	(6.91mg	42/50	13.3mg	38/51)	tes:iab,ica.	S
a	TR392	36.4mg	n.s.s.	0/51	3.46mg	0/51	6.91mg	0/50	13.3mg	3/51	gnv:sgc; pal:sqp; ton:sqp.	S
b	TR392	.684mg	n.s.s.	46/51	3.46mg	48/51	(6.91mg	48/50	13.3mg	46/51)		
c	TR392	22.0mg	n.s.s.	2/51	3.46mg	2/51	6.91mg	4/50	13.3mg	3/51	liv:hpa,hpc,nnd.	
1237	BT7003	85.0mg	2.21gm	0/50	4.28mg	8/50	21.4mg	7/50	32.1mg	11/50	Soffritti;anya,837,189-208;1997	
a	BT7003	510.mg	n.s.s.	1/50	4.28mg	1/50	21.4mg	2/50	32.1mg	0/50		
b	BT7003	59.0mg	n.s.s.	1/50	4.28mg	0/50	21.4mg	0/50	32.1mg	0/50		
c	BT7003	748.mg	n.s.s.	0/50	4.28mg	3/50	21.4mg	0/50	32.1mg	0/50		
d	BT7003	79.6mg	n.s.s.	21/50	4.28mg	20/50	21.4mg	20/50	32.1mg	24/50		
e	BT7003	77.9mg	n.s.s.	37/50	4.28mg	35/50	21.4mg	32/50	32.1mg	34/50		
1238	BT7003	154.mg	n.s.s.	4/50	3.74mg	4/50	18.7mg	6/50	28.1mg	6/50		
a	BT7003	204.mg	n.s.s.	1/50	3.74mg	3/50	18.7mg	2/50	28.1mg	4/50		
b	BT7003	411.mg	n.s.s.	0/50	3.74mg	1/50	18.7mg	0/50	28.1mg	1/50		
c	BT7003	665.mg	n.s.s.	0/50	3.74mg	1/50	18.7mg	0/50	28.1mg	0/50		
d	BT7003	605.mg	n.s.s.	1/50	3.74mg	0/50	18.7mg	1/50	28.1mg	0/50		
e	BT7003	51.6mg	n.s.s.	0/50	3.74mg	0/50	18.7mg	0/50	28.1mg	0/50		
f	BT7003	92.7mg	n.s.s.	13/50	3.74mg	17/50	18.7mg	16/50	28.1mg	16/50		
g	BT7003	68.9mg	n.s.s.	25/50	3.74mg	37/50	18.7mg	24/50	28.1mg	31/50		

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
CHLORINE 7782-50-5											
1239	2356n	7.45mg	n.s.s.	4/62	2.28mg	6/59				Wolf;faat,24,111-131;1995/Popp 1993/pers.comm.	
a	2356n	16.1mg	n.s.s.	4/62	2.28mg	2/59					
b	2356n	3.03mg	n.s.s.	0/64	.365mg	0/66	.912mg	0/57	2.28mg	0/61	
1240	2356n	2.70mg	n.s.s.	21/62	1.90mg	26/64					
a	2356n	5.32mg	n.s.s.	7/61	1.90mg	10/65					
b	2356n	2.63mg	n.s.s.	0/61	.304mg	0/65	.760mg	0/67	1.90mg	0/66	
1241	1421	52.6mg	n.s.s.	3/20	5.29mg	5/60				Druckrey;fctx,6,147-154;1968	
a	1421	64.6mg	n.s.s.	2/20	5.29mg	3/60					
b	1421	69.1mg	n.s.s.	1/20	5.29mg	2/60					
1242	2356m	17.2ug	n.s.s.	0/10	52.1ug	0/10	.130mg	0/10	.326mg	0/10	Wolf;faat,24,111-131;1995/Popp 1993/pers.comm.
a	2356m	.168mg	n.s.s.	0/10	.326mg	0/10					
1243	2356n	.965mg	n.s.s.	2/59	.326mg	6/60					
a	2356n	.407mg	n.s.s.	0/59	52.1ug	0/59	.130mg	0/59	.326mg	0/60	
1244	2356m	18.7ug	n.s.s.	0/10	60.8ug	0/9	.152mg	0/10	.380mg	0/10	
a	2356m	.196mg	n.s.s.	0/10	.380mg	0/10					
1245	2356n	.479mg	n.s.s.	0/59	60.8ug	0/60	.152mg	0/59	.380mg	0/59	
a	2356n	1.72mg	n.s.s.	4/58	.380mg	4/58					
CHLORMADINONE ACETATE 302-22-7											
1246	1175	.713mg	n.s.s.	54/92	.104mg	28/43	1.04mg	24/36		Rudali;jnci,49,813-819;1972	
1247	1175	.966mg	n.s.s.	161/167p	.104mg	45/46	1.04mg	34/40			
1248	1175	1.11mg	n.s.s.	50/73	.104mg	10/19	1.04mg	18/30			
4-CHLORO-4'-AMINODIPHENYLETHER 101-79-1											
1249	381	225.mg	n.s.s.	1/15	287.mg	1/17	624.mg	2/18		Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	286.mg	n.s.s.	5/15	287.mg	2/17	624.mg	0/18			
b	381	126.mg	n.s.s.	10/15	287.mg	7/17	624.mg	5/18			
1250	381	130.mg	1.49gm	8/102p	287.mg	5/17	624.mg	3/18			
a	381	389.mg	5.82gm	0/102p	287.mg	0/17	624.mg	4/18			
1251	381	n.s.s.	n.s.s.	1/14	300.mg	0/16	600.mg	0/9			
a	381	n.s.s.	n.s.s.	3/14	300.mg	0/16	600.mg	0/9			
b	381	110.mg	n.s.s.	7/14	300.mg	3/16	600.mg	0/9			
1252	381	11.8mg	381.mg	0/16	38.2mg	4/13	(84.0mg)	1/23)			
a	381	11.8mg	381.mg	0/16	38.2mg	4/13	(84.0mg)	1/23)			
b	381	8.14mg	248.mg	10/16	38.2mg	9/13	84.0mg	9/23			
1253	381	12.1mg	258.mg	2/111p	38.2mg	4/13	(84.0mg)	1/23)			
3-CHLORO-4-(DICHLOROMETHYL)-5-HYDROXY-2(5H)-FURANONE (MX) 77439-76-0											
1254	2447	.432mg	1.07mg	4/50	.337mg	16/49	1.07mg	36/50	(4.00mg)	36/50)	Komulainen;jnci,89,848-856;1997/McDonald 2000/pers.comm.
a	2447	.513mg	1.14mg	5/50	.337mg	18/49	1.07mg	38/50	4.00mg	47/50	
b	2447	1.87mg	4.30mg	1/50	.337mg	4/50	1.07mg	10/50	4.00mg	34/50	
c	2447	1.89mg	4.12mg	0/50	.337mg	4/50	1.07mg	10/50	4.00mg	33/50	
d	2447	3.24mg	9.87mg	1/50	.337mg	3/49	1.07mg	6/50	4.00mg	22/50	
e	2447	6.00mg	122.mg	3/50	.337mg	2/50	1.07mg	7/50	4.00mg	11/50	
f	2447	6.43mg	111.mg	3/50	.337mg	2/50	1.07mg	5/50	4.00mg	11/50	
g	2447	6.84mg	106.mg	2/50	.337mg	2/50	1.07mg	4/50	4.00mg	10/50	
h	2447	7.69mg	55.4mg	1/50	.337mg	1/50	1.07mg	1/50	4.00mg	10/50	
i	2447	2.17mg	n.s.s.	23/50	.337mg	25/50	1.07mg	32/50	4.00mg	34/50	
j	2447	4.50mg	n.s.s.	5/50	.337mg	10/50	1.07mg	12/50	4.00mg	16/50	
k	2447	12.8mg	n.s.s.	1/50	.337mg	1/50	1.07mg	2/50	4.00mg	4/50	
l	2447	23.7mg	n.s.s.	1/50	.337mg	0/50	1.07mg	0/50	4.00mg	2/50	
m	2447	30.5mg	n.s.s.	1/50	.337mg	1/50	1.07mg	3/50	4.00mg	0/50	
1255	2447	.364mg	.856mg	2/49	.295mg	20/50	.935mg	34/50	(3.50mg)	21/49)	
a	2447	.481mg	1.04mg	2/49	.295mg	20/50	.935mg	38/50	3.50mg	44/49	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	2447	2.17mg	5.16mg	0/49	.295mg	1/50	.935mg	9/50	3.50mg	27/49	
c	2447	4.69mg	53.8mg	5/50	.295mg	2/50	.935mg	7/50	3.50mg	14/50	
d	2447	8.11mg	706.mg	0/50	.295mg	1/50	.935mg	3/50	3.50mg	5/50	
e	2447	11.9mg	272.mg	0/50	.295mg	0/50	.935mg	1/50	3.50mg	4/50	
f	2447	5.57mg	n.s.s.	5/50	.295mg	8/50	.935mg	8/50	3.50mg	12/50	
g	2447	9.07mg	n.s.s.	2/50	.295mg	1/50	.935mg	1/50	3.50mg	7/50	
h	2447	9.69mg	n.s.s.	0/50	.295mg	1/50	.935mg	2/50	3.50mg	4/50	
i	2447	5.06mg	n.s.s.	9/50	.295mg	11/50	.935mg	12/50	3.50mg	15/50	
j	2447	10.0mg	n.s.s.	0/50	.295mg	3/50	.935mg	4/50	3.50mg	3/50	
k	2447	16.2mg	n.s.s.	0/50	.295mg	0/50	.935mg	2/50	3.50mg	1/50	
l	2447	36.6mg	n.s.s.	0/50	.295mg	1/50	.935mg	0/50	3.50mg	0/50	
2-CHLORO-5-(3,5-DIMETHYLPYPERIDINOSULPHONYL)BENZOIC ACID (tibric acid) 37087-94-8											
1256	1331	2.15mg	9.78mg	0/30	52.1mg	30/31				Reddy;natu,283,397-398;1980	
1-CHLORO-2,4-DINITROBENZENE 97-00-7											
1257	381	51.7mg	2.37gm	3/13	169.mg	5/19	(306.mg	5/16)		Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	247.mg	n.s.s.	0/13	169.mg	0/19	306.mg	1/16			
b	381	57.4mg	1.03gm	9/13	169.mg	9/19	306.mg	11/16			
1258	381	138.mg	n.s.s.	2/16	207.mg	2/15	354.mg	4/21			
a	381	203.mg	n.s.s.	2/16	207.mg	3/15	354.mg	3/21			
b	381	79.2mg	n.s.s.	9/16	207.mg	6/15	(354.mg	10/21)			
1259	381	66.5mg	n.s.s.	1/17	17.6mg	2/18	32.2mg	0/18			
a	381	5.05mg	1.78gm	13/17	17.6mg	12/18	(32.2mg	14/18)			
3-CHLORO-2-METHYLPROPENE 563-47-3											
1260	2624	388.mg	2.38gm	0/50	57.9mg	4/48	116.mg	7/50	232.mg	8/49	Katagiri;indh,38,309-318;2000/pers.comm.
a	2624	740.mg	n.s.s.	1/50	57.9mg	0/48	116.mg	5/50	232.mg	4/49	
b	2624	1.66gm	n.s.s.	0/50	57.9mg	0/48	116.mg	0/50	232.mg	2/49	
c	2624	2.45gm	n.s.s.	1/50	57.9mg	0/48	116.mg	0/50	232.mg	1/49	
d	2624	1.30gm	n.s.s.	3/50	57.9mg	4/48	116.mg	1/50	232.mg	3/49	
e	2624	2.11gm	n.s.s.	1/50	57.9mg	3/48	116.mg	1/50	232.mg	0/49	
1261	2624	741.mg	n.s.s.	1/50	48.3mg	0/49	96.6mg	3/50	193.mg	4/50	
a	2624	378.mg	n.s.s.	1/50	48.3mg	8/49	96.6mg	5/50	193.mg	7/50	
b	2624	637.mg	n.s.s.	0/50	48.3mg	3/49	96.6mg	2/50	193.mg	3/50	
c	2624	1.87gm	n.s.s.	0/50	48.3mg	0/49	96.6mg	1/50	193.mg	0/50	
d	2624	1.23gm	n.s.s.	5/50	48.3mg	5/49	96.6mg	2/50	193.mg	3/50	
e	2624	1.43gm	n.s.s.	5/50	48.3mg	2/49	96.6mg	5/50	193.mg	1/50	
3-CHLORO-2-METHYLPROPENE, TECHNICAL GRADE (CONTAINING 5% DIMETHYLVINYL CHLORIDE) 563-47-3											
1262	TR300	57.4mg	124.mg	0/50	70.1mg	16/50	140.mg	31/50			for: sqc, sqp.
a	TR300	60.5mg	134.mg	0/50	70.1mg	15/50	140.mg	29/50			
b	TR300	66.0mg	n.s.s.	28/50	70.1mg	32/50	140.mg	37/50			
c	TR300	707.mg	n.s.s.	4/50	70.1mg	3/50	140.mg	1/50			liv:hpa,hpc,nnd.
d	TR300	469.mg	n.s.s.	3/50	70.1mg	2/50	140.mg	3/50			lun:a/a,a/c.
1263	TR300	49.2mg	141.mg	3/50	70.1mg	24/50	140.mg	36/50			for: sqc, sqp.
a	TR300	61.5mg	212.mg	3/50	70.1mg	19/50	140.mg	30/50			
b	TR300	221.mg	2.76gm	0/50	70.1mg	5/50	140.mg	7/50			
c	TR300	74.5mg	n.s.s.	33/50	70.1mg	42/50	140.mg	45/50			
d	TR300	177.mg	n.s.s.	22/50	70.1mg	16/50	(140.mg	13/50)			liv:hpa,hpc,nnd.
e	TR300	472.mg	n.s.s.	7/50	70.1mg	10/50	140.mg	3/50			lun:a/a,a/c.
1264	TR300	149.mg	1.82gm	1/50	52.6mg	1/50	105.mg	10/50			
a	TR300	213.mg	n.s.s.	0/50	52.6mg	2/50	105.mg	4/50			S
b	TR300	49.7mg	n.s.s.	43/50	52.6mg	42/50	105.mg	41/50			
c	TR300	714.mg	n.s.s.	2/50	52.6mg	1/50	105.mg	0/50			liv:hpa,hpc,nnd.
1265	TR300	43.8mg	119.mg	1/50	52.6mg	5/50	105.mg	30/50			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	TR300	25.0mg	n.s.s.	36/50	52.6mg	43/50	105.mg	43/50		S
b	TR300	37.1mg	n.s.s.	40/50	52.6mg	32/50	105.mg	40/50		
c	TR300	204.mg	n.s.s.	2/50	52.6mg	0/50	105.mg	5/50		liv:hpa,hpc,nnd.
1-CHLORO-2-NITROBENZENE 88-73-3										
1266	381	109.mg	3.78gm	0/20	241.mg	5/22	(461.mg	5/19)	Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	109.mg	3.78gm	0/20	241.mg	5/22	(461.mg	7/19)		
b	381	395.mg	n.s.s.	6/20	241.mg	4/22	461.mg	4/19		
c	381	86.3mg	n.s.s.	17/20	241.mg	12/22	(461.mg	11/19)		
1267	381	109.mg	1.19gm	1/102p	241.mg	5/22	(461.mg	5/19)		
1268	381	46.0mg	885.mg	3/18	260.mg	8/17	540.mg	3/16		
a	381	246.mg	n.s.s.	5/18	260.mg	1/17	540.mg	0/16		
b	381	56.4mg	n.s.s.	12/18	260.mg	9/17	540.mg	4/16		
1269	381	45.2mg	352.mg	7/99p	260.mg	7/17	540.mg	3/16		
1270	381	46.2mg	n.s.s.	1/22	20.9mg	2/22	43.6mg	0/19		
a	381	15.3mg	n.s.s.	14/22	20.9mg	14/22	43.6mg	8/19		
1-CHLORO-4-NITROBENZENE 100-00-5										
1271	381	208.mg	1.88gm	0/15	351.mg	2/20	780.mg	7/18	Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	46.8mg	n.s.s.	8/15	351.mg	3/20	780.mg	4/18		
b	381	338.mg	n.s.s.	0/15	351.mg	1/20	780.mg	2/18		
c	381	31.3mg	512.mg	11/15	351.mg	10/20	780.mg	12/18		
1272	381	240.mg	2.39gm	8/102p	351.mg	2/20	780.mg	7/18		
1273	381	146.mg	4.99gm	0/14	341.mg	2/14	720.mg	4/14		
a	381	96.2mg	n.s.s.	1/14	341.mg	5/14	720.mg	1/14		
b	381	293.mg	n.s.s.	4/14	341.mg	0/14	720.mg	3/14		
c	381	83.9mg	n.s.s.	8/14	341.mg	7/14	720.mg	7/14		
1274	381	158.mg	2.62gm	5/99p	341.mg	2/14	720.mg	4/14		
a	381	153.mg	n.s.s.	7/99p	341.mg	4/14	720.mg	0/14		
1275	381	n.s.s.	n.s.s.	0/16	22.6mg	0/14	45.2mg	0/15		
a	381	12.0mg	n.s.s.	9/16	22.6mg	10/14	45.2mg	10/15		
4-CHLORO-m-PHENYLENEDIAMINE 5131-60-2										
1276	TR85	620.mg	3.25gm	0/50	732.mg	11/50	(1.46gm	8/49)		liv:hpa,hpc.
a	TR85	804.mg	6.61gm	0/50	732.mg	8/50	(1.46gm	5/49)		
b	TR85	1.49gm	n.s.s.	14/50	732.mg	21/50	1.46gm	16/49		
c	TR85	620.mg	3.25gm	0/50	732.mg	11/50	(1.46gm	8/49)	liv:hpa,hpc,nnd.	
d	TR85	9.28gm	n.s.s.	4/50	732.mg	1/50	1.46gm	1/49	lun:a/a,a/c.	
1277	TR85	1.20gm	n.s.s.	22/50	676.mg	19/50	1.35gm	25/50		
a	TR85	1.53gm	n.s.s.	15/50	676.mg	10/50	1.35gm	19/50	liv:hpa,hpc,nnd.	
b	TR85	5.75gm	n.s.s.	7/50	676.mg	4/50	1.35gm	3/50	lun:a/a,a/c.	S
1278	TR85	79.8mg	3.15gm	2/50	75.0mg	12/50	(149.mg	5/50)		
a	TR85	105.mg	n.s.s.	27/50	75.0mg	33/50	149.mg	30/50		
b	TR85	660.mg	n.s.s.	0/50	75.0mg	0/50	149.mg	2/50	liv:hpa,hpc,nnd.	
1279	TR85	144.mg	n.s.s.	4/50	60.0mg	7/50	119.mg	14/49		
a	TR85	97.9mg	n.s.s.	28/50	60.0mg	21/50	119.mg	36/49		
b	TR85	474.mg	n.s.s.	0/50	60.0mg	1/50	119.mg	2/49	liv:hpa,hpc,nnd.	
4-CHLORO-o-PHENYLENEDIAMINE 95-83-0										
1280	TR63	1.34gm	6.00gm	0/50	752.mg	11/50	1.50gm	10/50		liv:hpa,hpc.
a	TR63	2.47gm	42.9gm	0/50	752.mg	4/50	1.50gm	6/50		
b	TR63	1.15gm	n.s.s.	14/50	752.mg	24/50	1.50gm	21/50		
c	TR63	1.34gm	6.00gm	0/50	752.mg	11/50	1.50gm	10/50	liv:hpa,hpc,nnd.	
d	TR63	6.11gm	n.s.s.	4/50	752.mg	2/50	1.50gm	3/50	lun:a/a,a/c.	
1281	TR63	521.mg	4.25gm	15/50	701.mg	28/50	1.39gm	34/50		liv:hpa,hpc.
a	TR63	729.mg	7.14gm	10/50	701.mg	18/50	1.39gm	26/50		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR63	460.mg	8.99gm	22/50	701.mg	37/50	1.39gm	39/50		
c	TR63	521.mg	4.25gm	15/50	701.mg	28/50	1.39gm	34/50		liv:hpa,hpc,nnd.
d	TR63	2.41gm	n.s.s.	7/50	701.mg	9/50	1.39gm	7/50		lun:a/a,a/c.
1282	TR63	148.mg	318.mg	0/50	184.mg	15/50	368.mg	32/50		ubl:pas,ppc,ppn,tcc,tpp.
a	TR63	148.mg	318.mg	0/50	184.mg	15/50	368.mg	32/50	sto:sqp;	ubl:pas,ppc,ppn,tcc,tpp. C
b	TR63	270.mg	740.mg	0/50	184.mg	5/50	368.mg	22/50		ubl:ppc,tcc.
c	TR63	878.mg	n.s.s.	0/50	184.mg	2/50	368.mg	4/50		thy:fca,fcc. S
d	TR63	1.58gm	n.s.s.	0/50	184.mg	0/50	368.mg	3/50		
e	TR63	157.mg	n.s.s.	27/50	184.mg	35/50	368.mg	37/50		
f	TR63	1.60gm	n.s.s.	0/50	184.mg	0/50	368.mg	2/50		liv:hpa,hpc,nnd.
1283	TR63	136.mg	301.mg	0/50	149.mg	15/49	294.mg	29/50	sto:sqc,sqp;	ubl:ppn,sgc,tcc,tpp. C
a	TR63	146.mg	337.mg	0/50	149.mg	15/49	294.mg	25/50		ubl:ppn,tcc,tpp.
b	TR63	224.mg	650.mg	0/50	149.mg	7/49	294.mg	18/50		
c	TR63	862.mg	n.s.s.	0/50	149.mg	0/49	294.mg	4/50		sto:sgc,sqp.
d	TR63	1.02gm	n.s.s.	0/50	149.mg	0/49	294.mg	3/50		thy:fca,fcc. S
e	TR63	1.13gm	n.s.s.	0/50	149.mg	0/49	294.mg	3/50		
f	TR63	147.mg	n.s.s.	28/50	149.mg	31/49	294.mg	39/50		
g	TR63	558.mg	n.s.s.	0/50	149.mg	4/49	294.mg	4/50		liv:hpa,hpc,nnd.
2-CHLORO-p-PHENYLENEDIAMINE SULFATE 61702-44-1										
1284	TR113	359.mg	n.s.s.	12/20	390.mg	27/50	646.mg	22/50		
a	TR113	656.mg	n.s.s.	2/20	390.mg	5/50	646.mg	9/50		liv:hpa,hpc,nnd.
b	TR113	1.26gm	n.s.s.	0/20	390.mg	3/50	646.mg	2/50		lun:a/a,a/c.
1285	TR113	527.mg	n.s.s.	12/20	360.mg	21/50	596.mg	30/50		
a	TR113	543.mg	n.s.s.	4/20	360.mg	12/50	596.mg	20/50		liv:hpa,hpc,nnd.
b	TR113	1.55gm	n.s.s.	3/20	360.mg	7/50	596.mg	6/50		lun:a/a,a/c.
1286	TR113	112.mg	n.s.s.	17/20	75.0mg	26/50	(150.mg)	19/50)		
a	TR113	886.mg	n.s.s.	0/20	75.0mg	1/50	150.mg	1/50		liv:hpa,hpc,nnd.
1287	TR113	95.0mg	n.s.s.	7/20	60.0mg	21/50	120.mg	27/50		
a	TR113	301.mg	n.s.s.	0/20	60.0mg	5/50	120.mg	3/50		liv:hpa,hpc,nnd.
1-CHLORO-2-PROPANOL, TECHNICAL GRADE (~75% 1-CHLORO-2-PROPANOL; ~25% 2-CHLORO-1-PROPANOL) 127-00-4										
1288	TR477	124.mg	n.s.s.	46/50	50.0mg	49/50	100.mg	47/50	200.mg	44/50
a	TR477	111.mg	n.s.s.	41/50	50.0mg	41/50	100.mg	43/50	200.mg	42/50
b	TR477	676.mg	n.s.s.	9/50	50.0mg	2/50	100.mg	5/50	200.mg	6/50
1289	TR477	123.mg	n.s.s.	48/50	41.7mg	44/50	83.3mg	40/50	167.mg	42/50
a	TR477	132.mg	n.s.s.	40/50	41.7mg	39/50	83.3mg	37/50	167.mg	36/50
b	TR477	513.mg	n.s.s.	16/50	41.7mg	11/50	83.3mg	9/50	167.mg	9/50
1290	TR477	24.5mg	n.s.s.	48/50	8.57mg	46/50	18.6mg	49/50	37.1mg	48/50
a	TR477	174.mg	n.s.s.	0/50	8.57mg	0/50	18.6mg	1/50	37.1mg	1/50
1291	TR477	17.4mg	n.s.s.	48/50	7.50mg	50/50	16.3mg	50/50	32.5mg	50/50
a	TR477	73.9mg	n.s.s.	1/50	7.50mg	3/50	16.3mg	2/50	32.5mg	3/50
3-CHLORO-p-TOLUIDINE 95-74-9										
1292	TR145	220.mg	n.s.s.	5/20	67.6mg	6/50	135.mg	11/50		
a	TR145	310.mg	n.s.s.	0/20	67.6mg	4/50	135.mg	2/50		liv:hpa,hpc,nnd.
b	TR145	483.mg	n.s.s.	2/20	67.6mg	0/50	135.mg	4/50		lun:a/a,a/c.
1293	TR145	148.mg	n.s.s.	5/20	62.4mg	15/50	125.mg	14/50		
a	TR145	261.mg	n.s.s.	4/20	62.4mg	10/50	125.mg	7/50		liv:hpa,hpc,nnd.
b	TR145	299.mg	n.s.s.	0/20	62.4mg	3/50	125.mg	3/50		lun:a/a,a/c.
1294	TR145	214.mg	n.s.s.	0/20	62.0mg	4/50	124.mg	9/50		S
a	TR145	102.mg	n.s.s.	7/20	62.0mg	22/50	124.mg	28/50		
b	TR145	925.mg	n.s.s.	0/20	62.0mg	0/50	124.mg	1/50		liv:hpa,hpc,nnd.
1295	TR145	196.mg	n.s.s.	9/20	49.6mg	21/50	100.mg	17/50		
a	TR145	761.mg	n.s.s.	0/20	49.6mg	1/50	100.mg	0/50		liv:hpa,hpc,nnd.

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
5-CHLORO-o-TOLUIDINE 95-79-4										
1296	TR187	104.mg	221.mg	0/20	222.mg	26/50	446.mg	35/50	---	hes; liv:hpa,hpc. C
a	TR187	128.mg	290.mg	0/20	222.mg	21/50	446.mg	31/50		liv:hpa,hpc.
b	TR187	151.mg	379.mg	0/20	222.mg	19/50	446.mg	26/50		
c	TR187	237.mg	676.mg	0/20	222.mg	6/50	446.mg	22/50		
d	TR187	103.mg	446.mg	4/20	222.mg	32/50	446.mg	38/50		
e	TR187	128.mg	290.mg	0/20	222.mg	21/50	446.mg	31/50		liv:hpa,hpc,nnd.
f	TR187	1.39gm	n.s.s.	1/20	222.mg	0/50	446.mg	3/50		lun:a/a,a/c.
1297	TR187	88.6mg	269.mg	5/20	205.mg	29/50	412.mg	45/50	---	hes; liv:hpa,hpc. C
a	TR187	145.mg	356.mg	1/20	205.mg	11/50	412.mg	37/50		
b	TR187	146.mg	876.mg	4/20	205.mg	20/50	412.mg	27/50		liv:hpa,hpc.
c	TR187	155.mg	1.16gm	4/20	205.mg	19/50	412.mg	25/50		
d	TR187	85.9mg	279.mg	6/20	205.mg	31/50	412.mg	46/50		
e	TR187	146.mg	876.mg	4/20	205.mg	20/50	412.mg	27/50		liv:hpa,hpc,nnd.
f	TR187	1.18gm	n.s.s.	2/20	205.mg	2/50	412.mg	2/50		lun:a/a,a/c.
1298	TR187	218.mg	n.s.s.	8/20	94.0mg	22/50	189.mg	23/50		
a	TR187	1.44gm	n.s.s.	0/20	94.0mg	1/50	189.mg	0/50		liv:hpa,hpc,nnd.
1299	TR187	336.mg	n.s.s.	0/20	75.2mg	2/50	151.mg	7/50		S
a	TR187	166.mg	n.s.s.	8/20	75.2mg	17/50	151.mg	24/50		
b	TR187	821.mg	n.s.s.	0/20	75.2mg	1/50	151.mg	1/50		liv:hpa,hpc,nnd.
4-CHLORO-o-TOLUIDINE.HCl 3165-93-3										
1300	TR165	26.9mg	62.0mg	1/20	162.mg	43/50	650.mg	39/50	---	hem,hes.
a	TR165	28.6mg	64.0mg	0/20	162.mg	40/50	650.mg	39/50		
b	TR165	25.6mg	63.4mg	5/20	162.mg	45/50	650.mg	42/50		
c	TR165	191.mg	n.s.s.	1/20	162.mg	4/50	650.mg	0/50		liv:hpa,hpc,nnd.
d	TR165	217.mg	76.0gm	0/20	162.mg	2/50	650.mg	3/50		lun:a/a,a/c.
1301	TR165	507.mg	1.13gm	0/20	450.mg	6/50	1.80gm	41/50	---	hem,hes.
a	TR165	605.mg	1.44gm	0/20	450.mg	3/50	1.80gm	37/50		
b	TR165	336.mg	1.09gm	11/20	450.mg	28/50	1.80gm	45/50		
c	TR165	1.29gm	n.s.s.	4/20	450.mg	7/50	1.80gm	10/50		liv:hpa,hpc,nnd.
d	TR165	2.15gm	n.s.s.	4/20	450.mg	14/50	1.80gm	3/50		lun:a/a,a/c.
1302	381	6.23mg	37.4mg	0/15	260.mg	18/19	520.mg	12/16	Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	24.8mg	n.s.s.	0/15	260.mg	1/19	520.mg	1/16		
b	381	25.0mg	n.s.s.	8/15	260.mg	1/19	520.mg	0/16		
c	381	6.21mg	36.4mg	11/15	260.mg	18/19	520.mg	13/16		
1303	381	7.46mg	41.3mg	8/102p	260.mg	18/19	520.mg	12/16		
1304	381	2.51mg	55.6mg	4/14	90.0mg	7/20	(180.mg	2/20)		
a	381	8.35mg	30.2mg	0/14	90.0mg	12/20	180.mg	13/20		
b	381	17.2mg	n.s.s.	1/14	90.0mg	0/20	180.mg	2/20		
c	381	4.02mg	15.1mg	8/14	90.0mg	18/20	180.mg	16/20		
1305	381	8.35mg	27.4mg	5/99p	90.0mg	12/20	180.mg	13/20		
1306	TR165	299.mg	n.s.s.	12/20	62.5mg	34/50	250.mg	32/50		
a	TR165	1.90gm	n.s.s.	1/20	62.5mg	0/50	250.mg	1/50		liv:hpa,hpc,nnd.
1307	TR165	239.mg	n.s.s.	2/20	50.0mg	6/50	200.mg	15/50		S
a	TR165	209.mg	n.s.s.	13/20	50.0mg	30/50	200.mg	33/50		
b	TR165	452.mg	n.s.s.	0/20	50.0mg	5/50	200.mg	4/50		liv:hpa,hpc,nnd.
1308	381	36.2mg	n.s.s.	0/16	24.6mg	2/19	49.1mg	1/13	Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	10.7mg	n.s.s.	9/16	24.6mg	12/19	49.1mg	10/13		
2-CHLORO-1,1,1-TRIFLUOROETHANE (fluorocarbon 133a, HCFC 133a) 75-88-7										
1309	1623	86.4mg	351.mg	1/104p	89.1mg	15/35			Longstaff;txap,72,15-31;1984/pers.comm.	
1310	1623	34.4mg	117.mg	16/104p	89.1mg	29/36				
[4-CHLORO-6-(2,3-XYLIDINO)-2-PYRIMIDINYLTTHIO]ACETIC ACID (WY14643) 50892-23-4										
1311	2190	12.6mg	n.s.s.	0/9	23.0mg	0/8			Lake;enhp,101(Supp5),241-247;1993/pers.comm.	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
1312	1656	n.s.s.	10.8mg	0/10	76.3mg	18/18		Reddy; canr, 29, 152-161; 1979	
1313	1332	n.s.s.	13.8mg	0/12	80.0mg	14/14		Lalwani; carc, 2, 645-650; 1981	
a	1332	n.s.s.	17.8mg	3/12	80.0mg	14/14			
1314	1656	n.s.s.	7.47mg	0/10	40.0mg	15/15		Reddy; canr, 29, 152-161; 1979	
1315	2156m	15.5mg	n.s.s.	0/20	28.5mg	1/20		Marsman; carc, 15, 111-117; 1994/pers.comm.	
1316	2156n	18.1mg	n.s.s.	0/16	14.2mg	3/20			
a	2156n	22.7mg	n.s.s.	0/16	14.2mg	2/20			
b	2156n	30.9mg	n.s.s.	0/16	14.2mg	1/20			
1317	2156o	n.s.s.	3.65mg	0/20	40.0mg	20/20			
a	2156o	.941mg	5.24mg	0/20	40.0mg	19/20			
b	2156o	7.78mg	100.mg	0/20	40.0mg	6/20			
1318	2156r	10.6mg	69.5mg	0/16	20.0mg	9/20			
a	2156r	12.0mg	96.0mg	0/16	20.0mg	8/20			
b	2156r	25.5mg	n.s.s.	0/16	20.0mg	3/20			
1319	2161m	1.67mg	13.4mg	0/10	40.0mg	8/10		Hayashi; carc, 15, 2215-2219; 1994	
1320	2161n	n.s.s.	15.9mg	0/8	40.0mg	7/7			
1321	2190	n.s.s.	1.61mg	0/8	10.0mg	12/12		Lake; enhp, 101 (Supp5), 241-247; 1993/pers.comm.	
4-CHLORO-6-(2,3-XYLIDINO)-2-PYRIMIDINYLTHTIO (N-beta-HYDROXYETHYL) ACETAMIDE 65089-17-0									
1322	1331	16.4mg	126.mg	0/15	260.mg	11/12		Reddy; natu, 283, 397-398; 1980	
1323	1331	2.77mg	14.7mg	0/30	20.0mg	7/10	80.0mg	20/20	
CHLOROACETALDEHYDE 107-20-0									
1324	2072m	2.80mg	n.s.s.	0/5	17.0mg	1/5		Daniel; faat, 19, 159-168; 1992/pers.comm.	
1325	2072n	13.3mg	n.s.s.	3/20	17.0mg	10/26			
a	2072n	15.8mg	n.s.s.	2/20	17.0mg	8/26			
b	2072n	40.2mg	n.s.s.	1/20	17.0mg	2/26			
1326	1011	2.43mg	n.s.s.	5/100	1.43mg	3/30		Van Duuren; jnci, 63, 1433-1439; 1979	
1327	1011	4.29mg	n.s.s.	8/60	1.19mg	1/30			
2-CHLOROACETOPHENONE 532-27-4									
1328	TR379	.692mg	n.s.s.	42/50	.618mg	40/50	1.22mg	38/50	
a	TR379	2.74mg	n.s.s.	12/50	.618mg	13/50	1.22mg	7/50	liv:hpa,hpc,nnd.
b	TR379	3.13mg	n.s.s.	6/50	.618mg	2/50	1.22mg	6/50	lun:a/a,a/c.
1329	TR379	.668mg	n.s.s.	33/50	.515mg	35/50	1.01mg	39/50	
a	TR379	1.23mg	n.s.s.	16/50	.515mg	19/50	1.01mg	20/50	liv:hpa,hpc,nnd.
b	TR379	1.58mg	n.s.s.	11/50	.515mg	9/50	1.01mg	13/50	lun:a/a,a/c.
1330	TR379	84.8ug	n.s.s.	12/50	73.6ug	20/50	.147mg	23/50	mgl:ade,fba.
a	TR379	85.6ug	n.s.s.	12/50	73.6ug	19/50	.147mg	23/50	
b	TR379	85.4ug	n.s.s.	13/50	73.6ug	22/50	.147mg	23/50	mgl:adc,ade,fba.
c	TR379	68.0ug	n.s.s.	45/50	73.6ug	50/50	.147mg	48/50	
d	TR379	n.s.s.	n.s.s.	0/50	73.6ug	0/50	.147mg	0/50	liv:hpa,hpc,nnd.
1331	TR379	53.4ug	n.s.s.	46/50	51.5ug	48/50	.103mg	47/50	
a	TR379	n.s.s.	n.s.s.	0/50	51.5ug	0/50	.103mg	0/50	liv:hpa,hpc,nnd.
4'-(CHLOROACETYL)-ACETANILIDE 140-49-8									
1332	TR177	2.29gm	n.s.s.	0/20	557.mg	2/50	1.11gm	8/50	
a	TR177	590.mg	n.s.s.	6/20	557.mg	21/50	(1.11gm)	12/50)	
b	TR177	2.29gm	n.s.s.	0/20	557.mg	2/50	1.11gm	8/50	liv:hpa,hpc,nnd.
c	TR177	1.14gm	n.s.s.	0/20	557.mg	5/50	(1.11gm)	1/50)	lun:a/a,a/c.
1333	TR177	877.mg	n.s.s.	9/20	514.mg	19/50	(1.03gm)	5/50)	
a	TR177	1.51gm	n.s.s.	3/20	514.mg	6/50	(1.03gm)	0/50)	liv:hpa,hpc,nnd.
b	TR177	3.71gm	n.s.s.	3/20	514.mg	6/50	1.03gm	4/50	lun:a/a,a/c.
1334	TR177	90.1mg	n.s.s.	11/20	42.2mg	31/50	84.5mg	29/50	
a	TR177	616.mg	n.s.s.	1/20	42.2mg	1/50	84.5mg	1/50	liv:hpa,hpc,nnd.
1335	TR177	54.6mg	n.s.s.	9/20	33.8mg	27/50	67.6mg	28/50	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	TR177	242.mg	n.s.s.	1/20	33.8mg	2/50	67.6mg	3/50			liv:hpa,hpc,nd.
p-CHLOROANILINE 106-47-8											
1336	TR189	744.mg	86.1gm	0/20	278.mg	3/50	558.mg	8/50			---:hem,hes.
a	TR189	802.mg	n.s.s.	0/20	278.mg	3/50	558.mg	7/50			
b	TR189	1.02gm	n.s.s.	0/20	278.mg	1/50	558.mg	6/50			liv:hpa,hpc.S
c	TR189	405.mg	n.s.s.	3/20	278.mg	11/50	558.mg	18/50			
d	TR189	1.02gm	n.s.s.	0/20	278.mg	1/50	558.mg	6/50			liv:hpa,hpc,nd.
e	TR189	1.89gm	n.s.s.	1/20	278.mg	2/50	558.mg	2/50			lun:a/a,a/c.
1337	TR189	332.mg	n.s.s.	2/20	257.mg	10/50	275.mg	14/50			---:hem,hes.
a	TR189	374.mg	n.s.s.	9/20	257.mg	18/50	275.mg	19/50			
b	TR189	1.01gm	n.s.s.	3/20	257.mg	7/50	275.mg	2/50			liv:hpa,hpc,nd.
c	TR189	2.25gm	n.s.s.	2/20	257.mg	1/50	275.mg	1/50			lun:a/a,a/c.
1338	TR189	16.0mg	n.s.s.	7/20	9.60mg	24/50	19.0mg	25/50			
a	TR189	141.mg	n.s.s.	0/20	9.60mg	0/50	19.0mg	1/50			liv:hpa,hpc,nd.
1339	TR189	37.0mg	2.23gm	0/20	7.70mg	0/50	15.2mg	7/50			spl:fbs, fib.
a	TR189	31.4mg	n.s.s.	1/20	7.70mg	0/50	15.2mg	10/50			spc:srn; spl:fbs, fib,hes,ost.S
b	TR189	41.3mg	n.s.s.	0/20	7.70mg	0/50	15.2mg	6/50			S
c	TR189	13.1mg	n.s.s.	7/20	7.70mg	14/50	15.2mg	26/50			
d	TR189	99.2mg	n.s.s.	0/20	7.70mg	0/50	15.2mg	1/50			liv:hpa,hpc,nd.
p-CHLOROANILINE.HCl 20265-96-7											
1340	TR351	28.9mg	n.s.s.	36/50	2.11mg	26/50	7.04mg	21/50	21.1mg	31/50	
a	TR351	33.4mg	n.s.s.	6/50	2.11mg	9/50	7.04mg	8/50	21.1mg	11/50	liv:hpa,hpc,nd.
b	TR351	88.7mg	n.s.s.	6/50	2.11mg	2/50	7.04mg	1/50	21.1mg	4/50	lun:a/a,a/c.
1341	TR351	17.3mg	146.mg	3/50	2.11mg	7/50	7.04mg	11/50	21.1mg	17/50	S
a	TR351	33.5mg	n.s.s.	4/50	2.11mg	4/50	7.04mg	1/50	21.1mg	10/50	
b	TR351	16.4mg	n.s.s.	11/50	2.11mg	21/50	7.04mg	20/50	21.1mg	21/50	liv:hpa,hpc.
c	TR351	16.8mg	n.s.s.	14/50	2.11mg	24/50	7.04mg	21/50	21.1mg	23/50	---:hes; liv:hpa,hpc.P
d	TR351	14.6mg	n.s.s.	40/50	2.11mg	30/50	7.04mg	35/50	21.1mg	36/50	
e	TR351	16.4mg	n.s.s.	11/50	2.11mg	21/50	7.04mg	20/50	21.1mg	21/50	liv:hpa,hpc,nd.
f	TR351	43.1mg	n.s.s.	8/50	2.11mg	5/50	7.04mg	7/50	21.1mg	6/50	lun:a/a,a/c.
1342	TR351	29.5mg	n.s.s.	2/50	1.40mg	3/50	4.20mg	1/50	12.6mg	6/50	
a	TR351	57.0mg	n.s.s.	0/50	1.40mg	0/50	4.20mg	1/50	12.6mg	1/50	spl:fbs,ost.
b	TR351	10.8mg	n.s.s.	37/50	1.40mg	30/50	4.20mg	34/50	12.6mg	40/50	
c	TR351	130.mg	n.s.s.	1/50	1.40mg	1/50	4.20mg	0/50	12.6mg	0/50	liv:hpa,hpc,nd.
1343	TR351	5.14mg	11.8mg	0/49	1.40mg	1/50	4.20mg	3/50	12.6mg	38/50	spl:fbs,hes,ost.
a	TR351	5.28mg	12.4mg	0/49	1.40mg	1/50	4.20mg	3/50	12.6mg	36/50	spl:fbs,ost.S
b	TR351	6.01mg	494.mg	13/49	1.40mg	14/50	4.20mg	15/50	12.6mg	26/50	amd:pbb,phm,pob.
c	TR351	9.01mg	29.7mg	0/49	1.40mg	0/50	4.20mg	1/50	12.6mg	19/50	S
d	TR351	10.1mg	31.2mg	0/49	1.40mg	1/50	4.20mg	2/50	12.6mg	19/50	spl:fbs, fib.S
e	TR351	11.0mg	36.3mg	0/49	1.40mg	1/50	4.20mg	2/50	12.6mg	17/50	S
f	TR351	36.3mg	1.04gm	0/49	1.40mg	0/50	4.20mg	0/50	12.6mg	4/50	S
g	TR351	6.47mg	n.s.s.	13/49	1.40mg	14/50	4.20mg	14/50	12.6mg	25/50	amd:pbb,pob.S
h	TR351	5.46mg	n.s.s.	42/49	1.40mg	42/50	4.20mg	39/50	12.6mg	48/50	
i	TR351	42.8mg	n.s.s.	1/49	1.40mg	6/50	4.20mg	5/50	12.6mg	0/50	liv:hpa,hpc,nd.
o-CHLOROBENZALMALONITRILE (CS2 [94% o-chlorobenzalmononitrile, 5% Cab-O-Sil colloidal silica, 1% hexamethyldisilizane]) 2698-41-1											
1344	TR377	1.28mg	n.s.s.	46/50	.230mg	27/50	.464mg	27/50			
a	TR377	1.73mg	n.s.s.	11/50	.230mg	4/50	.464mg	9/50			liv:hpa,hpc,nd.
b	TR377	2.71mg	n.s.s.	5/50	.230mg	2/50	.464mg	3/50			lun:a/a,a/c.
1345	TR377	.515mg	n.s.s.	31/50	.191mg	24/50	.386mg	30/50			
a	TR377	1.06mg	n.s.s.	18/50	.191mg	14/50	.386mg	13/50			liv:hpa,hpc,nd.
b	TR377	1.22mg	n.s.s.	14/50	.191mg	8/50	.386mg	10/50			lun:a/a,a/c.
1346	TR377	37.8ug	n.s.s.	47/50	5.48ug	47/50	18.1ug	47/50	54.9ug	50/50	
a	TR377	.516mg	n.s.s.	3/50	5.48ug	1/50	18.1ug	0/50	54.9ug	0/50	liv:hpa,hpc,nd.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
1347	TR377	2.85ug	54.5ug	2/50	3.83ug	10/50	(12.7ug	9/50	38.4ug	6/50)		thy:cca,ccr. S
a	TR377	3.08ug	.178mg	2/50	3.83ug	9/50	(12.7ug	7/50	38.4ug	6/50)		S
b	TR377	28.8ug	n.s.s.	48/50	3.83ug	49/50	12.7ug	47/50	38.4ug	48/50		
c	TR377	.176mg	n.s.s.	4/50	3.83ug	3/50	12.7ug	0/50	38.4ug	2/50		liv:hpa,hpc,nnd.
CHLORO BENZENE (monochlorobenzene) 108-90-7												
1348	TR261	82.2mg	n.s.s.	25/50	42.0mg	26/50	84.1mg	29/50				
a	TR261	79.9mg	n.s.s.	2/50	42.0mg	7/50	(84.1mg	2/50)				liv:hpa,hpc,nnd.
b	TR261	223.mg	n.s.s.	1/50	42.0mg	2/50	84.1mg	5/50				lun:a/a,a/c.
1349	TR261	22.3mg	n.s.s.	30/50	21.0mg	31/50	42.0mg	35/50				
a	TR261	48.4mg	n.s.s.	16/50	21.0mg	15/50	42.0mg	14/50				liv:hpa,hpc,nnd.
b	TR261	62.2mg	n.s.s.	6/50	21.0mg	4/50	42.0mg	10/50				lun:a/a,a/c.
1350	TR261	198.mg	n.s.s.	0/50	42.4mg	2/50	84.9mg	3/50				pty:adn; thy:fcc; tyf:cyn. S
a	TR261	64.1mg	n.s.s.	36/50	42.4mg	30/50	84.9mg	36/50				
b	TR261	263.mg	n.s.s.	0/50	42.4mg	1/50	84.9mg	2/50				liv:hpa,hpc,nnd.
1351	TR261	109.mg	n.s.s.	2/50	42.4mg	4/50	84.9mg	8/50				
a	TR261	48.4mg	n.s.s.	33/50	42.4mg	36/50	84.9mg	28/50				
b	TR261	119.mg	n.s.s.	4/50	42.4mg	4/50	84.9mg	8/50				liv:hpa,hpc,nnd.
CHLORO BENZILATE 510-15-6												
1352	TR75	523.mg	4.51gm	0/20	356.mg	11/50	658.mg	13/50				
a	TR75	623.mg	n.s.s.	5/20	356.mg	18/50	658.mg	15/50				
b	TR75	523.mg	4.51gm	0/20	356.mg	11/50	658.mg	13/50				liv:hpa,hpc,nnd.
c	TR75	2.93gm	n.s.s.	2/20	356.mg	2/50	658.mg	2/50				lun:a/a,a/c.
1353	67a	101.mg	n.s.s.	0/16	83.4mg	1/18						Innes;ntis,1968/1969
a	67a	192.mg	n.s.s.	0/16	83.4mg	0/18						
b	67a	74.1mg	n.s.s.	0/16	83.4mg	2/18						
1354	TR75	114.mg	n.s.s.	4/20	440.mg	32/50	(773.mg	22/50)				
a	TR75	117.mg	n.s.s.	5/20	440.mg	34/50	(773.mg	25/50)				
b	TR75	114.mg	n.s.s.	4/20	440.mg	32/50	(773.mg	22/50)				liv:hpa,hpc,nnd.
c	TR75	4.20gm	n.s.s.	1/20	440.mg	1/50	773.mg	1/50				lun:a/a,a/c.
1355	67a	20.1mg	124.mg	0/16	77.6mg	9/17						Innes;ntis,1968/1969
a	67a	169.mg	n.s.s.	0/16	77.6mg	0/17						
b	67a	15.2mg	79.6mg	0/16	77.6mg	11/17						
1356	67a	81.7mg	n.s.s.	1/17	83.4mg	2/18						
a	67a	192.mg	n.s.s.	0/17	83.4mg	0/18						
b	67a	69.7mg	n.s.s.	2/17	83.4mg	3/18						
1357	67a	27.6mg	4.09gm	1/18	77.6mg	7/17						
a	67a	169.mg	n.s.s.	2/18	77.6mg	0/17						
b	67a	25.8mg	n.s.s.	3/18	77.6mg	8/17						
1358	TR75	211.mg	28.5gm	0/50	41.0mg	2/50	78.0mg	5/50				S
a	TR75	81.4mg	n.s.s.	36/50	41.0mg	38/50	78.0mg	34/50				
b	TR75	635.mg	n.s.s.	1/50	41.0mg	0/50	78.0mg	1/50				liv:hpa,hpc,nnd.
1359	TR75	75.1mg	2.25gm	0/50	45.6mg	6/50	(84.8mg	3/50)				S
a	TR75	145.mg	n.s.s.	28/50	45.6mg	31/50	84.8mg	23/50				
b	TR75	395.mg	n.s.s.	0/50	45.6mg	1/50	84.8mg	1/50				liv:hpa,hpc,nnd.
1360	67	73.2mg	n.s.s.	3/20	25.0mg	1/20						Horn;agfc,3,752-756;1955
CHLORODIBROMOMETHANE (dibromochloromethane) 124-48-1												
1361	TR282	64.4mg	n.s.s.	6/50	35.0mg	10/50	70.4mg	19/50				liv:hpa,hpc.
a	TR282	96.2mg	n.s.s.	2/50	35.0mg	4/50	70.4mg	11/50				
b	TR282	61.6mg	n.s.s.	33/50	35.0mg	32/50	70.4mg	37/50				
c	TR282	64.4mg	n.s.s.	6/50	35.0mg	10/50	70.4mg	19/50				liv:hpa,hpc,nnd.
d	TR282	276.mg	n.s.s.	5/50	35.0mg	0/50	70.4mg	5/50				lun:a/a,a/c.
1362	TR282	8.25mg	294.mg	23/50	35.0mg	14/50	(70.8mg	27/50)				liv:hpa,hpc. S
a	TR282	12.5mg	491.mg	10/50	35.0mg	9/50	(70.8mg	19/50)				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR282	5.19mg	58.7mg	41/50	35.0mg	23/50	(70.8mg	31/50)		
c	TR282	8.25mg	294.mg	23/50	35.0mg	14/50	(70.8mg	27/50)	liv:hpa,hpc,nnd.	
d	TR282	22.3mg	n.s.s.	11/50	35.0mg	5/50	(70.8mg	4/50)	lun:a/a,a/c.	
1363	TR282	23.7mg	n.s.s.	43/50	28.3mg	38/50	(56.6mg	32/50)		
a	TR282	204.mg	n.s.s.	0/50	28.3mg	2/50	56.6mg	2/50	liv:hpa,hpc,nnd.	
1364	TR282	31.5mg	n.s.s.	43/50	28.3mg	37/50	(56.6mg	29/50)		
a	TR282	46.3mg	n.s.s.	3/50	28.3mg	8/50	(56.6mg	3/50)	liv:hpa,hpc,nnd.	
CHLORODIFLUOROMETHANE (CFC 22, fluorocarbon 22) 75-45-6										
1365	BT606	30.0gm	n.s.s.	2/60	556.mg	3/60	2.78gm	0/60	Maltoni;anya,534,261-282;1988	
a	BT606	8.72gm	n.s.s.	12/60	556.mg	13/60	2.78gm	11/60		
b	BT606	10.4gm	n.s.s.	14/60	556.mg	19/60	2.78gm	11/60		
1366	BT606	13.0gm	n.s.s.	6/60	463.mg	2/60	2.32gm	4/60		
a	BT606	8.02gm	n.s.s.	10/60	463.mg	10/60	2.32gm	9/60		
b	BT606	9.13gm	n.s.s.	1/60	463.mg	5/60	2.32gm	3/60		
1367	BT605	10.6gm	n.s.s.	1/60	176.mg	1/60	882.mg	0/60		
a	BT605	718.mg	n.s.s.	45/60	176.mg	44/60	882.mg	45/60		
b	BT605	2.06gm	n.s.s.	13/60	176.mg	12/60	882.mg	14/60		
1368	BT605	1.27gm	n.s.s.	0/60	124.mg	0/60	618.mg	0/60		
a	BT605	1.11gm	n.s.s.	19/60	124.mg	14/60	618.mg	20/60		
b	BT605	2.23gm	n.s.s.	9/60	124.mg	6/60	618.mg	8/60		
CHLOROETHANE (ethyl chloride) 75-00-3										
1369	TR346	823.mg	3.55gm	1/50	12.4gm	43/50				
a	TR346	2.24gm	38.5gm	3/50	12.4gm	8/50			liv:hpa,hpc.	S
b	TR346	2.29gm	46.7gm	3/50	12.4gm	7/50			---	mlh,mlm,mlp,mly,mly. S
c	TR346	2.82gm	59.7gm	4/50	12.4gm	10/50			lun:a/a,a/c.	S
d	TR346	1.97gm	n.s.s.	5/50	12.4gm	4/50				
e	TR346	721.mg	2.85gm	28/50	12.4gm	47/50			liv:hpa,hpc,nnd.	
f	TR346	2.24gm	38.5gm	3/50	12.4gm	8/50			lun:a/a,a/c.	
g	TR346	1.97gm	n.s.s.	5/50	12.4gm	4/50			lun:a/a,a/c.	S
1370	TR346	4.00gm	107.gm	5/50	10.4gm	10/50			lun:a/a,a/c.	S
a	TR346	4.89gm	159.gm	3/50	10.4gm	8/50				S
b	TR346	3.22gm	n.s.s.	27/50	10.4gm	20/50				
c	TR346	6.36gm	n.s.s.	15/50	10.4gm	10/50			liv:hpa,hpc,nnd.	
d	TR346	4.00gm	107.gm	5/50	10.4gm	10/50			lun:a/a,a/c.	
1371	TR346	3.58gm	n.s.s.	2/50	2.88gm	7/50				S
a	TR346	6.08gm	n.s.s.	0/50	2.88gm	3/50				
b	TR346	936.mg	n.s.s.	45/50	2.88gm	48/50			liv:hpa,hpc,nnd.	
c	TR346	13.6gm	n.s.s.	1/50	2.88gm	0/50			ski:bcc,sea,tri.	S
1372	TR346	1.15gm	20.6gm	0/50	2.01gm	5/50				
a	TR346	1.39gm	n.s.s.	0/50	2.01gm	3/50				
b	TR346	468.mg	n.s.s.	48/50	2.01gm	47/50			liv:hpa,hpc,nnd.	
c	TR346	2.58gm	n.s.s.	1/50	2.01gm	1/50				
(2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE (CCC) 999-81-5										
1373	TR158	404.mg	n.s.s.	14/20	65.0mg	25/50	260.mg	26/50		
a	TR158	1.11gm	n.s.s.	4/20	65.0mg	7/50	260.mg	4/50	liv:hpa,hpc,nnd.	
b	TR158	1.15gm	n.s.s.	1/20	65.0mg	3/50	260.mg	2/50	lun:a/a,a/c.	
1374	1103	17.8mg	n.s.s.	0/16	8.96mg	0/18			Innes;ntis,1968/1969	
a	1103	17.8mg	n.s.s.	0/16	8.96mg	0/18				
b	1103	9.34mg	n.s.s.	0/16	8.96mg	1/18				
1375	TR158	218.mg	n.s.s.	12/20	60.0mg	29/50	240.mg	29/50		
a	TR158	214.mg	n.s.s.	7/20	60.0mg	13/50	240.mg	23/50	liv:hpa,hpc,nnd.	
b	TR158	806.mg	n.s.s.	4/20	60.0mg	9/50	240.mg	5/50	lun:a/a,a/c.	
1376	1103	3.53mg	206.mg	0/16	8.34mg	5/18			Innes;ntis,1968/1969	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
	a	1103	16.5mg	n.s.s.	0/16	8.34mg	0/18									
	b	1103	2.31mg	17.1mg	0/16	8.34mg	8/18									
1377		1103	14.8mg	n.s.s.	0/17	8.96mg	0/15									
	a	1103	14.8mg	n.s.s.	1/17	8.96mg	0/15									
	b	1103	5.11mg	n.s.s.	2/17	8.96mg	3/15									
1378		1103	3.73mg	n.s.s.	1/18	8.34mg	5/18									
	a	1103	10.9mg	n.s.s.	2/18	8.34mg	1/18									
	b	1103	4.25mg	n.s.s.	3/18	8.34mg	5/18									
1379	TR158	135.mg	n.s.s.	13/20	75.0mg	41/50	150.mg	37/50								
	a	TR158	1.32gm	n.s.s.	0/20	75.0mg	0/50	150.mg	1/50						liv:hpa,hpc,nnd.	
1380	TR158	216.mg	n.s.s.	0/20	60.0mg	2/50	120.mg	7/50								S
	a	TR158	83.9mg	n.s.s.	16/20	60.0mg	37/50	120.mg	36/50							
	b	TR158	487.mg	n.s.s.	1/20	60.0mg	2/50	120.mg	2/50						liv:hpa,hpc,nnd.	
1-CHLOROETHYLNITROSO-3-(2-HYDROXYPROPYL) UREA ---																
1381	2010	.346mg	n.s.s.	0/12	.140mg	0/12									Lijinsky;vivo,4,1-6;1990	
1382	2010	46.3ug	.997mg	0/12	97.8ug	5/12										
	a	2010	90.0ug	n.s.s.	0/12	97.8ug	2/12									
CHLOROFLUOROMETHANE (fluorocarbon 31, HCFC 31) 593-70-4																
1383	1623	14.0mg	48.8mg	1/104p	103.mg	34/36									Longstaff;txap,72,15-31;1984/pers.comm.	
	a	1623	41.4mg	126.mg	0/104p	103.mg	24/36									
	b	1623	66.8mg	242.mg	0/104p	103.mg	17/36									
	c	1623	441.mg	n.s.s.	0/104p	103.mg	1/36									
	d	1623	441.mg	n.s.s.	0/104p	103.mg	1/36									
1384	1623	16.0mg	51.3mg	1/104p	111.mg	33/36										
	a	1623	28.2mg	82.9mg	0/104p	111.mg	28/36									
	b	1623	50.8mg	171.mg	1/104p	111.mg	20/36									
CHLOROFORM 67-66-3																
1385	1003	6.52mg	n.s.s.	0/16	12.2mg	0/8	24.4mg	0/8							Heywood;jept,2,835-851;1979	
	a	1003	2.22mg	n.s.s.	4/16	12.2mg	4/8	(24.4mg)	0/8							
1386	1003	6.52mg	n.s.s.	0/16	12.2mg	0/8	24.4mg	0/8								
	a	1003	5.39mg	230.mg	0/16	12.2mg	4/8	24.4mg	2/8							
1387	TR-A	35.2mg	68.0mg	0/20	144.mg	36/50	289.mg	39/50								
	a	TR-A	37.8mg	91.8mg	2/20	144.mg	37/50	289.mg	39/50							
	b	TR-A	35.2mg	68.0mg	0/20	144.mg	36/50	289.mg	39/50						liv:hpa,hpc,nnd.	
	c	TR-A	n.s.s.	n.s.s.	0/20	144.mg	1/50	289.mg	0/50						lun:a/a,a/c.	
1388	1671	2.69gm	n.s.s.	2/415	40.0mg	7/410	80.0mg	1/142	180.mg	0/47	360.mg	1/44		Jorgenson;faat,5,760-769;1985		
	a	1671	5.18gm	n.s.s.	19/415	40.0mg	8/410	80.0mg	8/142	180.mg	0/47	360.mg	0/44			
	b	1671	3.73gm	n.s.s.	21/415	40.0mg	15/410	80.0mg	9/142	180.mg	0/47	360.mg	1/44			
	c	1671	664.mg	n.s.s.	225/423	40.0mg	217/415	80.0mg	90/142	180.mg	16/47	360.mg	24/44			
1389	TR-A	38.7mg	118.mg	1/20	83.6mg	19/50	168.mg	44/50								
	a	TR-A	40.4mg	491.mg	4/20	83.6mg	26/50	168.mg	44/50							
	b	TR-A	38.7mg	118.mg	1/20	83.6mg	19/50	168.mg	44/50						liv:hpa,hpc,nnd.	
	c	TR-A	490.mg	n.s.s.	1/20	83.6mg	3/50	168.mg	2/50						lun:a/a,a/c.	
1390	2378	316.mg	n.s.s.	2/50	7.64mg	2/49	44.5mg	4/50	131.mg	6/48				Nagano;apor,741-746;1998/pers.comm.		
	a	2378	273.mg	n.s.s.	5/50	7.64mg	9/49	44.5mg	13/50	131.mg	8/48					
	b	2378	611.mg	n.s.s.	1/50	7.64mg	1/49	44.5mg	0/50	131.mg	3/48					
	c	2378	62.8mg	n.s.s.	0/50	7.64mg	0/49	44.5mg	0/50	131.mg	0/48					
1391	2378	133.mg	477.mg	0/50	6.37mg	1/50	37.1mg	7/50	109.mg	12/48						
	a	2378	160.mg	674.mg	0/50	6.37mg	1/50	37.1mg	4/50	109.mg	11/48					
	b	2378	145.mg	n.s.s.	14/50	6.37mg	7/50	37.1mg	12/50	109.mg	17/48					
	c	2378	432.mg	n.s.s.	0/50	6.37mg	0/50	37.1mg	3/50	109.mg	1/48					
	d	2378	461.mg	n.s.s.	3/50	6.37mg	3/50	37.1mg	1/50	109.mg	4/48					
	e	2378	658.mg	n.s.s.	3/50	6.37mg	3/50	37.1mg	2/50	109.mg	2/48					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	1681	862.mg	n.s.s.	0/22	103.mg	1/28				
c	1681	574.mg	n.s.s.	5/22	103.mg	5/28				
CHLOROMETHYL METHYL ETHER (CMME) 107-30-2										
1409	348	4.02mg	n.s.s.	0/88	.377mg	2/90			Laskin;aenh,30,70-72;1975	
a	348	5.36mg	n.s.s.	0/88	.377mg	1/90				
1410	348	1.35mg	n.s.s.	0/74	.160mg	2/74				
2- (CHLOROMETHYL) PYRIDINE.HCl 6959-47-3										
1411	TR178	174.mg	n.s.s.	5/20	51.0mg	11/50	102.mg	10/50		
a	TR178	n.s.s.	n.s.s.	0/20	51.0mg	1/50	102.mg	0/50	liv:hpa,hpc,nnd.	
b	TR178	368.mg	n.s.s.	1/20	51.0mg	1/50	102.mg	3/50	lun:a/a,a/c.	
1412	TR178	162.mg	n.s.s.	9/20	51.0mg	18/50	102.mg	13/50		
a	TR178	266.mg	n.s.s.	3/20	51.0mg	6/50	102.mg	4/50	liv:hpa,hpc,nnd.	
b	TR178	210.mg	n.s.s.	2/20	51.0mg	5/50	102.mg	5/50	lun:a/a,a/c.	
1413	TR178	32.8mg	n.s.s.	12/20	30.3mg	35/50	60.6mg	39/50		
a	TR178	n.s.s.	n.s.s.	0/20	30.3mg	0/50	60.6mg	0/50	liv:hpa,hpc,nnd.	
1414	TR178	194.mg	n.s.s.	0/20	30.3mg	0/50	60.6mg	5/49		S
a	TR178	54.0mg	n.s.s.	13/20	30.3mg	28/50	60.6mg	29/49		
b	TR178	743.mg	n.s.s.	3/20	30.3mg	0/50	60.6mg	0/49	liv:hpa,hpc,nnd.	
3- (CHLOROMETHYL) PYRIDINE.HCl 6959-48-4										
1415	TR95	161.mg	n.s.s.	0/20	42.0mg	1/50	66.8mg	5/50	sto:sqc,scp.	
a	TR95	56.8mg	n.s.s.	5/20	42.0mg	15/50	66.8mg	20/50		
b	TR95	376.mg	n.s.s.	1/20	42.0mg	0/50	66.8mg	2/50	liv:hpa,hpc,nnd.	
c	TR95	269.mg	n.s.s.	1/20	42.0mg	1/50	66.8mg	3/50	lun:a/a,a/c.	
1416	TR95	81.9mg	683.mg	0/20	42.0mg	2/50	66.8mg	10/50	sto:sqc,scp.	
a	TR95	32.3mg	n.s.s.	7/20	42.0mg	20/50	66.8mg	28/50		
b	TR95	93.6mg	n.s.s.	3/20	42.0mg	5/50	66.8mg	9/50	liv:hpa,hpc,nnd.	
c	TR95	122.mg	n.s.s.	2/20	42.0mg	4/50	66.8mg	5/50	lun:a/a,a/c.	
1417	TR95	32.3mg	n.s.s.	14/20	31.8mg	31/49	51.3mg	23/50		
a	TR95	n.s.s.	n.s.s.	0/20	31.8mg	0/49	51.3mg	0/50	liv:hpa,hpc,nnd.	
1418	TR95	148.mg	n.s.s.	0/20	31.8mg	1/50	51.3mg	3/50	sto:sqc,scp.	
a	TR95	70.7mg	n.s.s.	14/20	31.8mg	21/50	51.3mg	11/50		
b	TR95	377.mg	n.s.s.	1/20	31.8mg	1/50	51.3mg	0/50	liv:hpa,hpc,nnd.	
p-CHLOROPHENYL-p-CHLORO BENZENE SULFONATE (ovex) 80-33-1										
1419	1287	162.mg	n.s.s.	1/17	145.mg	1/17			Innes;ntis,1968/1969	
a	1287	272.mg	n.s.s.	0/17	145.mg	0/17				
b	1287	128.mg	n.s.s.	2/17	145.mg	2/17				
1420	1287	127.mg	n.s.s.	2/18	136.mg	2/18				
a	1287	160.mg	n.s.s.	1/18	136.mg	1/18				
b	1287	107.mg	n.s.s.	3/18	136.mg	3/18				
1421	1287	152.mg	n.s.s.	0/16	145.mg	1/18				
a	1287	288.mg	n.s.s.	0/16	145.mg	0/18				
b	1287	152.mg	n.s.s.	0/16	145.mg	1/18				
1422	1287	104.mg	n.s.s.	0/16	136.mg	2/18				
a	1287	141.mg	n.s.s.	0/16	136.mg	1/18				
b	1287	37.6mg	278.mg	0/16	136.mg	8/18				
3- (p-CHLOROPHENYL)-1,1-DIMETHYLUREA (telvar, monuron) 150-68-5										
1423	TR266	656.mg	n.s.s.	30/50	638.mg	21/50	(1.29gm	14/50)		
a	TR266	7.79gm	n.s.s.	6/50	638.mg	0/50	1.29gm	3/50	liv:hpa,hpc,nnd.	
b	TR266	5.33gm	n.s.s.	6/50	638.mg	7/50	1.29gm	3/50	lun:a/a,a/c.	
1424	1278	145.mg	n.s.s.	0/16	73.0mg	0/18			Innes;ntis,1968/1969	
a	1278	145.mg	n.s.s.	0/16	73.0mg	0/18				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code
b	1278	145.mg	n.s.s.	0/16	73.0mg	0/18								
1425	TR266	864.mg	n.s.s.	1/50	589.mg	8/50	(1.19gm	1/50)					sub: fbs, fib. S	
a	TR266	870.mg	n.s.s.	2/50	589.mg	9/50	(1.19gm	2/50)					sub: fbs, fib, srn. S	
b	TR266	1.01gm	n.s.s.	30/50	589.mg	22/50	(1.19gm	19/50)						
c	TR266	1.57gm	n.s.s.	12/50	589.mg	8/50	(1.19gm	6/50)					liv:hpa,hpc,nnd.	
d	TR266	2.72gm	n.s.s.	6/50	589.mg	5/50	1.19gm	10/50					lun:a/a,a/c.	
1426	1278	33.6mg	n.s.s.	0/16	68.0mg	3/15							Innes;ntis,1968/1969	
a	1278	42.7mg	n.s.s.	0/16	68.0mg	2/15								
b	1278	16.7mg	139.mg	0/16	68.0mg	7/15								
1427	1278	57.6mg	n.s.s.	1/17	73.0mg	2/17								
a	1278	137.mg	n.s.s.	0/17	73.0mg	0/17								
b	1278	48.8mg	n.s.s.	2/17	73.0mg	3/17								
1428	1278	23.3mg	n.s.s.	2/18	68.0mg	6/16								
a	1278	120.mg	n.s.s.	1/18	68.0mg	0/16								
b	1278	24.5mg	n.s.s.	3/18	68.0mg	6/16								
1429	TR266	79.7mg	n.s.s.	41/50	36.8mg	45/50	73.6mg	37/50						
a	TR266	527.mg	n.s.s.	4/50	36.8mg	1/50	73.6mg	2/50					liv:hpa,hpc,nnd.	
1430	TR266	52.1mg	225.mg	1/50	29.4mg	8/50	58.9mg	20/50					kid:tla,uac; liv:hpc,nnd. C	
a	TR266	75.2mg	286.mg	0/50	29.4mg	3/50	58.9mg	15/50					kid:tla,uac.	
b	TR266	128.mg	2.64gm	0/50	29.4mg	2/50	58.9mg	7/50						
c	TR266	132.mg	764.mg	0/50	29.4mg	1/50	58.9mg	8/50						
d	TR266	93.9mg	n.s.s.	1/50	29.4mg	6/50	58.9mg	9/50					liv:hpc,nnd.	
e	TR266	78.4mg	n.s.s.	36/50	29.4mg	41/50	58.9mg	36/50						
f	TR266	93.9mg	n.s.s.	1/50	29.4mg	6/50	58.9mg	9/50					liv:hpa,hpc,nnd.	
<p>(+)- (4)- (2-CHLOROPHENYL)-2- [2- (4-ISOBUTYLPHENYL)ETHYL]-6,9-DIMETHYL-6H-THIENO[3,2-f] [1,2,4]TRIAZOLO[4,3-a] [1,4]DIAZEPINE 117279-73-9</p>														
1431	2583	14.9mg	n.s.s.	0/14	30.0mg	0/14	100.mg	0/14	300.mg	0/14	600.mg	0/14	Nishimura;phrm,53,259-280;	
													1997/pers.comm.	
1432	2583	14.9mg	n.s.s.	0/14	30.0mg	0/14	100.mg	0/14	300.mg	0/14	600.mg	0/14		
<p>1- (4-CHLOROPHENYL)-1-PHENYL-2-PROPYNYL CARBAMATE 10473-70-8</p>														
1433	1348	4.78mg	18.3mg	0/10	10.0mg	6/10	20.0mg	5/10	40.0mg	10/10			Harris;txap,21,414-418;1972	
a	1348	12.2mg	65.5mg	0/10	10.0mg	1/10	20.0mg	2/10	40.0mg	8/10				
b	1348	23.8mg	n.s.s.	0/10	10.0mg	2/10	20.0mg	2/10	40.0mg	2/10				
c	1348	39.7mg	n.s.s.	0/10	10.0mg	2/10	20.0mg	0/10	40.0mg	1/10				
d	1348	1.73mg	10.9mg	2/10	10.0mg	9/10	20.0mg	9/10	40.0mg	10/10				
<p>p-CHLOROPHENYL-2,4,5-TRICHLOROPHENYL SULFIDE (tetrasul) 2227-13-6</p>														
1434	281m	15.6mg	n.s.s.	0/32	2.50mg	0/32	10.0mg	0/32	50.0mg	0/32	150.mg	0/32	Verschuuren;txcy,1,63-78;1973	
1435	281n	2.36mg	n.s.s.	0/32	.500mg	0/32	1.25mg	0/32						
1436	281m	747.mg	n.s.s.	0/32	2.00mg	0/32	8.00mg	0/32	40.0mg	0/32	120.mg	1/32		
1437	281n	1.88mg	n.s.s.	0/32	.400mg	0/32	1.00mg	0/32						
<p>CHLOROPICRIN 76-06-2</p>														
1438	TR65	29.9mg	n.s.s.	4/20	20.0mg	9/50	40.0mg	10/50						
a	TR65	n.s.s.	n.s.s.	0/20	20.0mg	0/50	40.0mg	0/50					liv:hpa,hpc,nnd.	
b	TR65	44.2mg	n.s.s.	1/20	20.0mg	3/50	40.0mg	6/50					lun:a/a,a/c.	
1439	TR65	36.5mg	n.s.s.	5/20	20.0mg	7/50	34.0mg	9/50						
a	TR65	63.8mg	n.s.s.	2/20	20.0mg	4/50	34.0mg	2/50					liv:hpa,hpc,nnd.	
b	TR65	67.7mg	n.s.s.	3/20	20.0mg	1/50	34.0mg	5/50					lun:a/a,a/c.	
1440	TR65	7.12mg	n.s.s.	11/20	10.0mg	14/50	11.0mg	9/50						
a	TR65	n.s.s.	n.s.s.	0/20	10.0mg	0/50	11.0mg	0/50					liv:hpa,hpc,nnd.	
1441	TR65	9.97mg	n.s.s.	5/20	12.4mg	3/50	(13.0mg	0/50)						
a	TR65	n.s.s.	n.s.s.	0/20	12.4mg	0/50	13.0mg	0/50					liv:hpa,hpc,nnd.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
	CHLOROPRENE (>96% CHLOROPRENE)		126-99-8								
1442	TR467	2.58mg	6.74mg	28/50	14.6mg	43/50	36.4mg	47/50	(91.1mg 48/50)	---:hem,hes; for:sqc,scp; hag:ade,car; liv:hpa,hpc; lun:a/a,a/c; mey:sar; mgl:ade,car; sub:sar; zym:car.	C
a	TR467	3.45mg	8.68mg	4/50	14.6mg	28/50	36.4mg	34/50	(91.1mg 42/50)		
b	TR467	4.03mg	15.4mg	20/50	14.6mg	26/50	36.4mg	20/50	(91.1mg 30/50)		liv:hpa,hpc.
c	TR467	5.29mg	14.7mg	2/50	14.6mg	16/50	36.4mg	29/50	(91.1mg 26/50)		
d	TR467	9.17mg	24.6mg	2/50	14.6mg	14/50	36.4mg	16/50	91.1mg 28/50		
e	TR467	7.94mg	35.2mg	4/50	14.6mg	11/50	36.4mg	14/50	(91.1mg 19/50)		
f	TR467	10.5mg	51.3mg	17/50	14.6mg	19/50	36.4mg	11/50	91.1mg 16/50		S
g	TR467	10.6mg	52.2mg	4/50	14.6mg	6/50	36.4mg	18/50	(91.1mg 8/50)	---:hem,hes.	
h	TR467	10.8mg	55.9mg	4/50	14.6mg	6/50	36.4mg	17/50	(91.1mg 5/50)		
i	TR467	12.7mg	53.4mg	0/50	14.6mg	4/50	36.4mg	15/50	(91.1mg 5/50)	mev:hem,hes.	S
j	TR467	17.1mg	49.5mg	0/50	14.6mg	11/50	36.4mg	11/50	91.1mg 18/50		
k	TR467	15.5mg	67.1mg	0/50	14.6mg	4/50	36.4mg	13/50	(91.1mg 4/50)		S
l	TR467	17.5mg	98.8mg	0/50	14.6mg	4/50	36.4mg	8/50	(91.1mg 3/50)		
m	TR467	22.6mg	208.mg	2/50	14.6mg	5/50	36.4mg	3/50	91.1mg 9/50	hag:ade,car.	
n	TR467	24.1mg	231.mg	1/50	14.6mg	3/50	36.4mg	3/50	91.1mg 8/50		
o	TR467	29.4mg	199.mg	3/50	14.6mg	5/50	36.4mg	8/50	91.1mg 12/50	mgl:ade,car.	
p	TR467	26.0mg	1.13gm	4/50	14.6mg	6/50	36.4mg	4/50	91.1mg 4/50		S
q	TR467	32.9mg	233.mg	3/50	14.6mg	4/50	36.4mg	7/50	91.1mg 12/50		
r	TR467	38.8mg	793.mg	0/50	14.6mg	0/50	36.4mg	2/50	91.1mg 3/50		
s	TR467	74.2mg	65.9gm	1/50	14.6mg	0/50	36.4mg	0/50	91.1mg 4/50	for:sqc,scp.	
t	TR467	259.mg	68.6gm	0/50	14.6mg	0/50	36.4mg	0/50	91.1mg 3/50		
u	TR467	38.3mg	n.s.s.	2/50	14.6mg	4/50	36.4mg	2/50	91.1mg 3/50		S
v	TR467	2.54mg	6.62mg	34/50	14.6mg	47/50	36.4mg	50/50	(91.1mg 48/50)		
w	TR467	4.03mg	15.4mg	20/50	14.6mg	26/50	36.4mg	20/50	(91.1mg 30/50)	liv:hpa,hpb,hpc.	
x	TR467	3.45mg	8.68mg	4/50	14.6mg	28/50	36.4mg	34/50	(91.1mg 42/50)	lun:a/a,a/c.	
1443	TR467	5.45mg	17.3mg	16/50	12.1mg	33/50	30.4mg	44/50	(75.9mg 48/50)	---:hem,hes; for:sqc,scp; hag:ade,anb,car; lun:a/a,a/c.	C
a	TR467	11.0mg	31.9mg	13/50	12.1mg	28/50	30.4mg	36/50	75.9mg 43/50	lun:a/a,a/c.	
b	TR467	11.1mg	35.5mg	3/50	12.1mg	14/50	30.4mg	23/50	(75.9mg 21/50)	---:hem,hes.	
c	TR467	11.7mg	39.0mg	3/50	12.1mg	13/50	30.4mg	22/50	(75.9mg 19/50)		
d	TR467	10.4mg	79.1mg	24/50	12.1mg	29/50	30.4mg	39/50	(75.9mg 34/50)	liv:hpb,hpc.	S
e	TR467	13.2mg	41.6mg	1/50	12.1mg	12/50	30.4mg	18/50	(75.9mg 17/50)	---:hem,hes.	
f	TR467	11.1mg	112.mg	24/50	12.1mg	28/50	30.4mg	37/50	(75.9mg 33/50)		S
g	TR467	14.3mg	49.6mg	1/50	12.1mg	11/50	30.4mg	16/50	(75.9mg 15/50)		
h	TR467	16.8mg	50.0mg	6/50	12.1mg	12/50	30.4mg	23/50	75.9mg 28/50		
i	TR467	18.4mg	67.9mg	8/50	12.1mg	18/50	30.4mg	22/50	75.9mg 28/50		
j	TR467	20.7mg	76.6mg	0/50	12.1mg	3/50	30.4mg	14/50	(75.9mg 9/50)	mev:hem,hes.	S
k	TR467	21.2mg	81.4mg	0/50	12.1mg	3/50	30.4mg	13/50	(75.9mg 7/50)		S
l	TR467	18.6mg	1.05gm	43/50	12.1mg	38/50	30.4mg	43/50	75.9mg 42/50	liv:hpa,hpb,hpc.	S
m	TR467	33.3mg	172.mg	2/50	12.1mg	5/50	30.4mg	10/50	75.9mg 12/50	hag:ade,anb,car.	
n	TR467	40.4mg	309.mg	2/50	12.1mg	5/50	30.4mg	8/50	75.9mg 10/50	hag:ade,anb.	
o	TR467	55.7mg	1.30gm	2/50	12.1mg	5/50	30.4mg	6/50	75.9mg 8/50		S
p	TR467	73.5mg	2.71gm	1/50	12.1mg	4/50	30.4mg	1/50	75.9mg 7/50		S
q	TR467	108.mg	7.29gm	1/50	12.1mg	0/50	30.4mg	2/50	75.9mg 5/50	for:sqc,scp.	
r	TR467	19.4mg	n.s.s.	43/50	12.1mg	37/50	30.4mg	42/50	75.9mg 41/50	liv:hpa,hpc.	S
s	TR467	30.1mg	n.s.s.	22/50	12.1mg	16/50	30.4mg	19/50	75.9mg 21/50		S
t	TR467	108.mg	n.s.s.	0/50	12.1mg	1/50	30.4mg	1/50	75.9mg 3/50		S
u	TR467	114.mg	n.s.s.	1/50	12.1mg	0/50	30.4mg	2/50	75.9mg 4/50		
v	TR467	14.2mg	182.mg	48/50	12.1mg	48/50	30.4mg	50/50	75.9mg 50/50		
w	TR467	18.6mg	1.05gm	43/50	12.1mg	38/50	30.4mg	43/50	75.9mg 42/50	liv:hpa,hpb,hpc.	
x	TR467	11.0mg	31.9mg	13/50	12.1mg	28/50	30.4mg	36/50	75.9mg 43/50	lun:a/a,a/c.	
1444	TR467	65.9mg	327.mg	0/50	12.1mg	2/50	30.4mg	3/50	75.9mg 9/50		
1445	TR467	3.30mg	99.4mg	2/50	3.47mg	12/50	(8.67mg 5/50)	21.7mg 3/50)		cli:ade,anb,car,cnb.	S
a	TR467	5.01mg	102.mg	0/50	3.47mg	6/50	(8.67mg 4/50)	21.7mg 2/50)		cli:car,cnb.	S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
b	TR467	18.5mg	83.7mg	0/50	3.47mg	3/50	8.67mg	3/50	21.7mg	11/50		ton:sqc,sqp. S
c	TR467	17.9mg	118.mg	1/50	3.47mg	3/50	8.67mg	5/50	21.7mg	11/50	gnv:sqp; orm:sqp; phr:sqc,sqp;	ton:sqc,sqp. S
d	TR467	25.9mg	230.mg	0/50	3.47mg	2/50	8.67mg	1/50	21.7mg	7/50		S
e	TR467	26.5mg	991.mg	1/50	3.47mg	2/50	8.67mg	2/50	21.7mg	7/50	gnv:sqp; orm:sqp; phr:sqp; ton:sqp.	
f	TR467	34.8mg	2.24gm	0/50	3.47mg	1/50	8.67mg	3/50	21.7mg	4/50	phr:sqc; ton:sqc.	
g	TR467	38.8mg	6.01gm	0/50	3.47mg	1/50	8.67mg	2/50	21.7mg	4/50		S
h	TR467	7.18mg	n.s.s.	24/50	3.47mg	32/50	8.67mg	36/50	21.7mg	36/50		
i	TR467	7.90mg	n.s.s.	28/50	3.47mg	34/50	8.67mg	36/50	21.7mg	36/50		mgl:car,fba.
j	TR467	12.3mg	n.s.s.	18/50	3.47mg	18/50	8.67mg	20/50	21.7mg	26/50		S
k	TR467	41.2mg	n.s.s.	1/50	3.47mg	1/50	8.67mg	1/50	21.7mg	5/50		thy:fca,fcc.
l	TR467	113.mg	n.s.s.	0/50	3.47mg	0/50	8.67mg	0/50	21.7mg	2/50		
m	TR467	115.mg	n.s.s.	0/50	3.47mg	0/50	8.67mg	0/50	21.7mg	2/50		
n	TR467	8.31mg	n.s.s.	30/50	3.47mg	35/50	8.67mg	36/50	21.7mg	36/50	gnv:sqp; mgl:car,fba; orm:sqp; phr:sqc,sqp; thy:fca,fcc; ton:sqc,sqp.	C
o	TR467	70.2mg	n.s.s.	1/50	3.47mg	0/50	8.67mg	0/50	21.7mg	3/50		
p	TR467	7.49mg	n.s.s.	47/50	3.47mg	50/50	8.67mg	50/50	21.7mg	49/50		
q	TR467	n.s.s.	n.s.s.	0/50	3.47mg	0/50	8.67mg	0/50	21.7mg	0/50		liv:hpa,hpb,hpc.
1446	TR467	61.4mg	1.92gm	0/50	3.47mg	0/50	8.67mg	0/50	21.7mg	4/50		S
a	TR467	61.4mg	1.92gm	0/50	3.47mg	0/50	8.67mg	0/50	21.7mg	4/50		kid:rua,ruc.
1447	TR467	3.09mg	13.6mg	2/50	2.43mg	5/50	6.07mg	11/50	15.2mg	18/50	gnv:sqp; lun:a/a,a/c; orm:sqp; phr:sqp; thy:fca,fcc; ton:sqc,sqp.	C
a	TR467	5.13mg	21.9mg	0/50	2.43mg	2/50	6.07mg	5/50	15.2mg	12/50	gnv:sqp; orm:sqp; phr:sqp; ton:sqc,sqp.	
b	TR467	5.41mg	27.3mg	0/50	2.43mg	2/50	6.07mg	4/50	15.2mg	10/50	gnv:sqp; orm:sqp; phr:sqp; ton:sqp.	
c	TR467	6.02mg	35.9mg	0/50	2.43mg	0/50	6.07mg	4/50	15.2mg	8/50	ton:sqc,sqp.	S
d	TR467	6.39mg	50.6mg	0/50	2.43mg	0/50	6.07mg	3/50	15.2mg	6/50		S
e	TR467	7.52mg	134.mg	0/50	2.43mg	2/50	6.07mg	4/50	15.2mg	5/50	thy:fca,fcc.	
f	TR467	7.98mg	1.25gm	0/50	2.43mg	2/50	6.07mg	2/50	15.2mg	4/50		S
g	TR467	9.02mg	961.mg	0/50	2.43mg	2/50	6.07mg	1/50	15.2mg	4/50		
h	TR467	11.6mg	575.mg	0/50	2.43mg	1/50	6.07mg	5/50	15.2mg	3/50		S
i	TR467	6.72mg	n.s.s.	3/50	2.43mg	6/50	6.07mg	4/50	15.2mg	7/50		S
j	TR467	8.34mg	n.s.s.	2/50	2.43mg	2/50	6.07mg	4/50	15.2mg	6/50		lun:a/a,a/c.
k	TR467	12.4mg	n.s.s.	0/50	2.43mg	1/50	6.07mg	1/50	15.2mg	2/50		S
l	TR467	15.3mg	n.s.s.	0/50	2.43mg	2/50	6.07mg	1/50	15.2mg	4/50	gnv:sqp; orm:sqp; phr:sqp.	S
m	TR467	16.3mg	n.s.s.	0/50	2.43mg	0/50	6.07mg	1/50	15.2mg	0/50		
n	TR467	76.2mg	n.s.s.	0/50	2.43mg	0/50	6.07mg	0/50	15.2mg	1/50		
o	TR467	2.52mg	n.s.s.	50/50	2.43mg	50/50	6.07mg	50/50	15.2mg	50/50		
p	TR467	n.s.s.	n.s.s.	0/50	2.43mg	0/50	6.07mg	0/50	15.2mg	0/50		liv:hpa,hpb,hpc.
1448	TR467	6.18mg	462.mg	1/50	2.43mg	7/50	6.07mg	6/50	15.2mg	8/50		
a	TR467	6.26mg	n.s.s.	1/50	2.43mg	8/50	6.07mg	6/50	15.2mg	8/50		kid:rua,ruc. S
CHLOROPRENE (99.6% CHLOROPRENE) 126-99-8												
1449	2578	291.mg	n.s.s.	0/94	25.9mg	0/97					Trochimowicz;intx,10,443-472;1998/pers.comm.	
a	2578	291.mg	n.s.s.	0/94	25.9mg	0/97						
b	2578	46.8mg	n.s.s.	10/94	25.9mg	15/97						
1450	2578	256.mg	n.s.s.	0/100	22.8mg	0/97						
a	2578	256.mg	n.s.s.	0/100	22.8mg	0/97						
b	2578	33.4mg	n.s.s.	14/100	22.8mg	20/97						
1451	2578	21.8mg	n.s.s.	24/99	13.6mg	36/100						
a	2578	279.mg	n.s.s.	1/99	13.6mg	0/100						
b	2578	11.1mg	n.s.s.	66/99	13.6mg	74/100						
1452	2578	195.mg	n.s.s.	0/97	9.49mg	0/100						
a	2578	12.7mg	n.s.s.	51/97	9.49mg	57/100						
2-CHLOROPROPANAL 683-50-1												
1453	1011	5.23mg	73.7mg	0/30	5.71mg	6/30					Van Duuren;jnci,63,1433-1439;1979	
1454	1011	6.86mg	n.s.s.	0/30	4.76mg	3/30						

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
1-CHLOROPROPENE 590-21-6										
1455	1011	2.63mg	11.5mg	0/30	5.71mg	13/30		Van Duuren;jnci,63,1433-1439;1979		
1456	1011	5.76mg	n.s.s.	0/30	4.76mg	4/30				
CHLOROTETRAFLUOROETHANE (HCFC-124) 2837-89-0										
1457	2586	26.0gm	1.21kg	21/77	836.mg	14/77	4.18gm	20/77	20.9gm 31/77	Malley;dact,21,417-447;1998
a	2586	24.0gm	n.s.s.	27/77	836.mg	20/77	4.18gm	22/77	20.9gm	36/77
CHLOROTHALONIL 1897-45-6										
1458	TR41	1.38gm	n.s.s.	3/10	343.mg	6/50	679.mg	8/50		
a	TR41	n.s.s.	n.s.s.	0/10	343.mg	0/50	679.mg	0/50		liv:hpa,hpc,nnd.
b	TR41	2.16gm	n.s.s.	1/10	343.mg	2/50	679.mg	3/50		lun:a/a,a/c.
1459	TR41	460.mg	n.s.s.	3/10	283.mg	9/50	(560.mg	1/50)		
a	TR41	1.42gm	n.s.s.	2/10	283.mg	1/50	(560.mg	1/50)		liv:hpa,hpc,nnd.
b	TR41	634.mg	n.s.s.	1/10	283.mg	4/50	(560.mg	0/50)		lun:a/a,a/c.
1460	TR41	240.mg	n.s.s.	5/10	184.mg	25/49	368.mg	34/50		
a	TR41	1.19gm	n.s.s.	0/10	184.mg	3/49	368.mg	2/50		liv:hpa,hpc,nnd.
1461	TR41	1.02gm	58.1gm	0/65p	184.mg	1/49	368.mg	5/50		kid:adn,can,tla,uac.
a	TR41	1.50gm	n.s.s.	0/65p	184.mg	0/49	368.mg	3/50		kid:adn,tla.
1462	TR41	212.mg	n.s.s.	4/10	147.mg	22/50	292.mg	16/49		
a	TR41	n.s.s.	n.s.s.	0/10	147.mg	0/50	292.mg	0/49		liv:hpa,hpc,nnd.
1463	TR41	500.mg	6.60gm	0/65p	147.mg	3/50	292.mg	4/49		kid:adc,can,ppa,tla,uac. S
a	TR41	701.mg	n.s.s.	0/65p	147.mg	1/50	292.mg	3/49		kid:adc,can,uac.
b	TR41	835.mg	n.s.s.	0/65p	147.mg	0/50	292.mg	3/49		S
CHLOROZOTOCIN 54749-90-5										
1464	1195	44.6ug	.199mg	1/17	57.1ug	10/16	.286mg	16/18		Habs;clet,8,133-137;1979
a	1195	50.6ug	.370mg	4/17	57.1ug	10/16	.286mg	16/18		
1465	1195	11.9ug	55.1ug	0/20	57.1ug	14/18	(.286mg	13/16)		
a	1195	26.9ug	.140mg	2/20	57.1ug	15/18	.286mg	14/16		
CHLORPHENIRAMINE MALEATE 113-92-8										
1466	TR317	66.8mg	n.s.s.	37/50	70.7mg	35/50	(142.mg	20/50)		
a	TR317	498.mg	n.s.s.	6/50	70.7mg	3/50	142.mg	5/50		liv:hpa,hpc,nnd.
b	TR317	480.mg	n.s.s.	6/50	70.7mg	6/50	142.mg	4/50		lun:a/a,a/c.
1467	TR317	34.7mg	n.s.s.	2/50	17.7mg	7/50	35.4mg	4/50		
a	TR317	39.7mg	n.s.s.	4/50	17.7mg	5/50	35.4mg	8/50		sub:fbs,fib,nfs,srn. S
b	TR317	41.2mg	13.1gm	3/50	17.7mg	4/50	35.4mg	8/50		sub:fbs,nfs,srn. S
c	TR317	51.1mg	n.s.s.	3/50	17.7mg	3/50	35.4mg	6/50		S
d	TR317	14.3mg	n.s.s.	39/50	17.7mg	36/50	35.4mg	21/50		
e	TR317	25.8mg	n.s.s.	16/50	17.7mg	19/50	35.4mg	9/50		liv:hpa,hpc,nnd.
f	TR317	105.mg	n.s.s.	16/50	17.7mg	5/50	35.4mg	3/50		lun:a/a,a/c.
1468	TR317	21.5mg	n.s.s.	42/50	21.2mg	30/50	42.5mg	8/50		
a	TR317	96.6mg	n.s.s.	2/50	21.2mg	0/50	42.5mg	1/50		liv:hpa,hpc,nnd.
1469	1654	141.mg	n.s.s.	4/24	42.0mg	3/24				Lijinsky;fctx,22,715-720;1984
1470	TR317	14.2mg	n.s.s.	44/50	10.6mg	41/50	21.2mg	31/50		
a	TR317	38.5mg	n.s.s.	5/50	10.6mg	3/50	21.2mg	6/50		liv:hpa,hpc,nnd.
1471	1654	122.mg	n.s.s.	5/24	33.6mg	3/24				Lijinsky;fctx,22,715-720;1984
CHLORPROPAMIDE 94-20-2										
1472	TR45	425.mg	n.s.s.	1/15	301.mg	9/35	616.mg	2/35		
a	TR45	693.mg	n.s.s.	0/15	301.mg	4/35	616.mg	0/35		liv:hpa,hpc,nnd.
b	TR45	546.mg	n.s.s.	0/15	301.mg	3/35	616.mg	2/35		lun:a/a,a/c.
1473	TR45	642.mg	n.s.s.	4/15	284.mg	7/35	569.mg	5/35		
a	TR45	952.mg	n.s.s.	2/15	284.mg	3/35	569.mg	2/35		liv:hpa,hpc,nnd.

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
trans-CINNAMALDEHYDE 14371-10-9											
1493	TR514	52.3mg	n.s.s.	38/50	130.mg	50/50	(273.mg	37/50	533.mg	21/50)	
a	TR514	4.35gm	n.s.s.	5/50	130.mg	4/50	273.mg	2/50	533.mg	1/50	liv:hpa,hpb,hpc.
b	TR514	3.98gm	n.s.s.	2/50	130.mg	3/50	273.mg	1/50	533.mg	1/50	lun:a/a,a/c.
1494	TR514	1.03gm	n.s.s.	50/50	120.mg	41/50	252.mg	17/50	492.mg	36/50	
a	TR514	2.51gm	n.s.s.	16/50	120.mg	12/50	252.mg	7/50	492.mg	7/50	liv:hpa,hpb,hpc.
b	TR514	1.21gm	n.s.s.	10/50	120.mg	7/50	252.mg	3/50	492.mg	13/50	lun:a/a,a/c.
1495	TR514	105.mg	n.s.s.	47/50	50.0mg	50/50	105.mg	44/50	205.mg	50/50	
a	TR514	n.s.s.	n.s.s.	0/50	50.0mg	0/50	105.mg	0/50	205.mg	0/50	liv:hpa,hpb,hpc.
1496	TR514	126.mg	n.s.s.	42/50	40.0mg	44/50	84.0mg	39/50	164.mg	50/50	
a	TR514	1.51gm	n.s.s.	1/50	40.0mg	0/50	84.0mg	1/50	164.mg	0/50	liv:hpa,hpb,hpc.
CINNAMYL ANTHRANILATE 87-29-6											
1497	TR196	1.66gm	4.50gm	3/50	1.91gm	20/50	3.79gm	33/50			liv:hpa,hpc.
a	TR196	4.28gm	21.9gm	1/50	1.91gm	8/50	3.79gm	14/50			
b	TR196	2.96gm	n.s.s.	32/50	1.91gm	30/50	3.79gm	36/50			
c	TR196	1.66gm	4.50gm	3/50	1.91gm	20/50	3.79gm	33/50			liv:hpa,hpc,nnd.
d	TR196	20.2gm	n.s.s.	6/50	1.91gm	4/50	3.79gm	2/50			lun:a/a,a/c.
1498	TR196	1.53gm	9.53gm	14/50	1.75gm	30/50	3.53gm	37/50			liv:hpa,hpc.
a	TR196	1.53gm	73.0gm	22/50	1.75gm	39/50	3.53gm	40/50			
b	TR196	1.53gm	9.53gm	14/50	1.75gm	30/50	3.53gm	37/50			liv:hpa,hpc,nnd.
c	TR196	12.5gm	n.s.s.	7/50	1.75gm	8/50	3.53gm	4/50			lun:a/a,a/c.
1499	TR196	740.mg	6.34gm	2/49	736.mg	16/50	(1.46gm	9/50)			S
a	TR196	2.38gm	n.s.s.	34/49	736.mg	37/50	1.46gm	28/50			
b	TR196	13.6gm	n.s.s.	2/49	736.mg	2/50	1.46gm	0/50			liv:hpa,hpc,nnd.
1500	TR196	3.02gm	35.3gm	0/50	583.mg	0/50	1.18gm	7/50			kcx:acn,adn; pan:acc,ana. C
a	TR196	4.13gm	n.s.s.	0/50	583.mg	1/50	1.18gm	4/50			abc:msm; per:msm. S
b	TR196	4.18gm	n.s.s.	0/50	583.mg	0/50	1.18gm	4/50			kcx:acn,adn.
c	TR196	5.26gm	n.s.s.	0/50	583.mg	0/50	1.18gm	3/50			pan:acc,ana.
d	TR196	1.12gm	n.s.s.	26/50	583.mg	30/50	1.18gm	32/50			
e	TR196	3.01gm	n.s.s.	1/50	583.mg	4/50	1.18gm	4/50			liv:hpa,hpc,nnd.
CIPROFIBRATE 52214-84-3											
1501	1895m	1.50mg	15.8mg	0/12	15.0mg	6/8					Rao;bjca,58,46-51;1988/pers.comm.
a	1895m	2.09mg	26.4mg	0/12	15.0mg	5/8					
b	1895m	3.65mg	n.s.s.	0/12	15.0mg	3/8					
c	1895m	13.9mg	n.s.s.	0/12	15.0mg	0/8					
1502	1895n	5.16mg	37.1mg	0/12	25.4mg	8/12					
a	1895n	7.63mg	86.4mg	0/12	25.4mg	6/12					
b	1895n	13.9mg	n.s.s.	0/12	25.4mg	3/12					
1503	1952	86.5mg	n.s.s.	0/60	.500mg	0/60	2.50mg	0/60	10.0mg	1/60	Spencer;txpy,17,7-15;1989/pers.comm.
1504	1640	n.s.s.	1.09mg	0/25	10.0mg	25/25					Rao;canr,44,1072-1076;1984
a	1640	n.s.s.	1.09mg	0/25	10.0mg	25/25					
b	1640	n.s.s.	1.09mg	0/25	10.0mg	25/25					
1505	1952	39.3mg	461.mg	0/60	.500mg	0/60	2.50mg	0/60	10.0mg	5/60	Spencer;txpy,17,7-15;1989/pers.comm.
1506	2234	n.s.s.	3.54mg	0/15	10.0mg	15/15					Rao;clet,97,185-188;1995/pers.comm.
a	2234	n.s.s.	n.s.s.	14/15	10.0mg	15/15					
1507	2524	n.s.s.	1.61mg	0/10	10.0mg	12/12					Rao;vivo,11,495-498;1997/pers.comm.
a	2524	n.s.s.	1.61mg	0/10	10.0mg	12/12					
b	2524	n.s.s.	1.61mg	0/10	10.0mg	12/12					
1508	2611	n.s.s.	1.41mg	0/10	10.0mg	15/15					Rao;oncr,6,1285-1288;1999
a	2611	n.s.s.	1.41mg	0/10	10.0mg	15/15					
CITRAL 5392-40-5											
1509	TR505	347.mg	17.1gm	3/50	65.0mg	5/50	130.mg	9/50	260.mg	12/50	
a	TR505	463.mg	n.s.s.	3/50	65.0mg	2/50	130.mg	8/50	260.mg	8/50	S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	TR505	126.mg	n.s.s.	36/50	65.0mg	50/50	130.mg	37/50	260.mg	50/50	
c	TR505	492.mg	n.s.s.	6/50	65.0mg	3/50	130.mg	9/50	260.mg	9/50	liv:hpa,hpb,hpc.
d	TR505	487.mg	n.s.s.	5/50	65.0mg	8/50	130.mg	3/50	(260.mg	1/50)	lun:a/a,a/c.
1510	TR505	865.mg	n.s.s.	0/50	60.0mg	0/50	120.mg	3/50	240.mg	2/50	S
a	TR505	135.mg	n.s.s.	50/50	60.0mg	50/50	120.mg	50/50	240.mg	50/50	
b	TR505	290.mg	n.s.s.	15/50	60.0mg	22/50	120.mg	15/50	240.mg	21/50	liv:hpa,hpb,hpc.
c	TR505	1.20gm	n.s.s.	12/50	60.0mg	6/50	120.mg	7/50	240.mg	4/50	lun:a/a,a/c.
1511	TR505	39.9mg	n.s.s.	10/50	50.0mg	22/50	(100.mg	14/50	200.mg	15/50)	S
a	TR505	121.mg	n.s.s.	45/50	50.0mg	47/50	100.mg	49/50	200.mg	43/50	
b	TR505	n.s.s.	n.s.s.	0/50	50.0mg	0/50	100.mg	0/50	200.mg	0/50	liv:hpa,hpb,hpc.
1512	TR505	40.0mg	n.s.s.	50/50	40.0mg	48/50	(80.0mg	47/50	160.mg	44/50)	
a	TR505	n.s.s.	n.s.s.	0/50	40.0mg	0/50	80.0mg	0/50	160.mg	0/50	liv:hpa,hpb,hpc.
CITRIC ACID 77-92-9											
1513	2098	412.mg	n.s.s.	0/10	800.mg	0/10					Shibata;carc,14,275-280;1993
CITRININ (antimycin) 518-75-2											
1514	1533m	n.s.s.	5.28mg	0/5	40.0mg	17/17					Arai;clet,17,281-287;1983
1515	1533n	n.s.s.	12.8mg	0/10	40.0mg	10/10					
CLIVORINE 33979-15-6											
1516	1338	.213mg	1.51mg	0/17	1.88mg	8/12					Kuhara;clet,10,117-122;1980
a	1338	.274mg	2.56mg	0/17	1.88mg	6/11					
b	1338	.738mg	n.s.s.	0/17	1.88mg	2/12					
CLOBUZARIT 22494-47-9											
1517	2241	33.5mg	n.s.s.	1/156	5.00mg	0/52	12.5mg	0/52	25.0mg	0/52	Tucker;cthf,74-81;1995
a	2241	33.5mg	n.s.s.	1/156	5.00mg	0/52	12.5mg	0/52	25.0mg	0/52	
1518	2241	246.mg	n.s.s.	0/156	5.00mg	0/52	12.5mg	1/52	25.0mg	0/52	
a	2241	33.5mg	n.s.s.	1/156	5.00mg	0/52	12.5mg	0/52	25.0mg	0/52	
1519	2241	214.mg	n.s.s.	0/102	12.5mg	0/52	25.0mg	1/52	50.0mg	1/52	
a	2241	194.mg	n.s.s.	1/102	12.5mg	0/52	25.0mg	2/52	50.0mg	1/52	
1520	2241	74.4mg	630.mg	1/102	12.5mg	2/52	25.0mg	2/52	50.0mg	8/52	
a	2241	89.5mg	n.s.s.	2/102	12.5mg	1/52	25.0mg	3/52	50.0mg	6/52	
b	2241	236.mg	n.s.s.	2/102	12.5mg	1/52	25.0mg	1/52	50.0mg	1/52	
1521	2241	2.76mg	n.s.s.	0/25	1.00mg	0/25	1.50mg	0/25	5.00mg	0/25	
1522	2241	15.4mg	n.s.s.	0/25	1.00mg	0/25	1.50mg	0/25	5.00mg	2/25	
CLOFIBRATE 637-07-0											
1523	2239m	540.mg	n.s.s.	4/25	130.mg	0/25	325.mg	2/25	650.mg	8/25	Tucker;cthf,13-16;1995/pers.comm.
1524	2239m	127.mg	n.s.s.	8/25	120.mg	2/25	300.mg	15/25	(600.mg	5/25)	
a	2239m	1.58gm	n.s.s.	0/25	120.mg	0/25	300.mg	0/25	600.mg	1/25	
1525	2239n	2.40gm	n.s.s.	0/151	150.mg	1/51	250.mg	0/51	350.mg	0/51	
a	2239n	3.15gm	n.s.s.	4/151	150.mg	0/51	250.mg	0/51	350.mg	1/51	
1526	2239n	1.26gm	n.s.s.	0/151	150.mg	2/51	250.mg	1/51	350.mg	1/51	
a	2239n	3.57gm	n.s.s.	6/151	150.mg	0/51	250.mg	1/51	350.mg	0/51	
1527	1339	77.9mg	447.mg	0/15	200.mg	10/15					Reddy;bjca,40,476-482;1979
a	1339	318.mg	n.s.s.	0/15	200.mg	2/15					
CLOMIPHENE CITRATE 43054-45-1											
1528	585m	.813mg	n.s.s.	0/15	1.14mg	1/15					Poel;canr,28,845-859;1968
a	585m	.413mg	n.s.s.	4/15	1.14mg	5/15					
1529	585n	.367mg	n.s.s.	8/15	.962mg	8/15					
CLONITRALID (niclosamide) 1420-04-8											
1530	TR91	275.mg	n.s.s.	9/20	29.9mg	5/50	61.1mg	5/50			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	TR91	n.s.s.	n.s.s.	0/20	29.9mg	0/50	61.1mg	0/50			liv:hpa,hpc,ndd.
b	TR91	493.mg	n.s.s.	3/20	29.9mg	0/50	61.1mg	1/50			lun:a/a,a/c.
1531	TR91	24.8mg	n.s.s.	1/20	27.6mg	5/50	56.4mg	5/50			
a	TR91	44.1mg	n.s.s.	0/20	27.6mg	1/50	56.4mg	0/50			liv:hpa,hpc,ndd.
b	TR91	28.5mg	n.s.s.	0/20	27.6mg	1/50	56.4mg	0/50			lun:a/a,a/c.
1532	TR91	2.29gm	n.s.s.	0/20	504.mg	2/50	999.mg	6/50			S
a	TR91	2.72gm	n.s.s.	0/20	504.mg	1/50	999.mg	5/50			thy:cca,ccr. S
b	TR91	607.mg	n.s.s.	11/20	504.mg	33/50	999.mg	37/50			
c	TR91	4.01gm	n.s.s.	0/20	504.mg	1/50	999.mg	2/50			liv:hpa,hpc,ndd.
1533	TR91	1.44gm	n.s.s.	10/20	403.mg	20/50	799.mg	20/50			
a	TR91	n.s.s.	n.s.s.	0/20	403.mg	0/50	799.mg	0/50			liv:hpa,hpc,ndd.
CLOPHEN A 30 55600-34-5											
1534	1605	43.0mg	n.s.s.	1/131	4.00mg	4/138				Schaeffer;txap,75,278-288;1984	
COBALT SULFATE HEPTAHYDRATE 10026-24-1											
1535	TR471	.629mg	4.44mg	4/50	94.3ug	7/50	.315mg	13/50	.942mg	18/50	lun:a/a,a/c.
a	TR471	1.30mg	11.1mg	1/50	94.3ug	1/50	.315mg	4/50	.942mg	9/50	S
b	TR471	.945mg	n.s.s.	3/50	94.3ug	6/50	.315mg	9/50	.942mg	10/50	S
c	TR471	.546mg	n.s.s.	42/50	94.3ug	41/50	.315mg	43/50	.942mg	39/50	
d	TR471	1.06mg	n.s.s.	18/50	94.3ug	18/50	.315mg	24/50	.942mg	16/50	liv:hpa,hpb,hpc.
e	TR471	.629mg	4.44mg	4/50	94.3ug	7/50	.315mg	13/50	.942mg	18/50	lun:a/a,a/c.
1536	TR471	.297mg	1.83mg	11/50	78.6ug	14/50	.262mg	19/50	.786mg	28/50	lun:a/a,a/c.
a	TR471	.488mg	n.s.s.	9/50	78.6ug	12/50	.262mg	13/50	.786mg	18/50	S
b	TR471	.588mg	173.mg	4/50	78.6ug	5/50	.262mg	7/50	.786mg	11/50	S
c	TR471	.710mg	n.s.s.	3/50	78.6ug	6/50	.262mg	8/50	.786mg	9/50	S
d	TR471	.762mg	n.s.s.	2/50	78.6ug	4/50	.262mg	8/50	.786mg	7/50	S
e	TR471	.289mg	n.s.s.	49/50	78.6ug	48/50	.262mg	47/50	.786mg	46/50	
f	TR471	.338mg	n.s.s.	40/50	78.6ug	41/50	.262mg	44/50	.786mg	39/50	liv:hpa,hpb,hpc.
g	TR471	.297mg	1.83mg	11/50	78.6ug	14/50	.262mg	19/50	.786mg	28/50	lun:a/a,a/c.
1537	TR471	47.9ug	.165mg	0/50	22.4ug	3/50	74.9ug	16/50	(.224mg	16/50)	lun:a/a,a/c,sgc.
a	TR471	46.5ug	.210mg	2/50	22.4ug	4/50	74.9ug	19/50	(.224mg	23/50)	amd:pbb,phc,phm,pob; lun:a/a,a/c,sgc. C
b	TR471	50.8ug	.182mg	0/50	22.4ug	3/50	74.9ug	15/50	(.224mg	15/50)	lun:a/a,a/c.
c	TR471	75.5ug	.398mg	0/50	22.4ug	1/50	74.9ug	10/50	(.224mg	9/50)	S
d	TR471	.271mg	4.01mg	2/50	22.4ug	1/50	74.9ug	4/50	.224mg	10/50	amd:pbb,phc,phm,pob.
e	TR471	.255mg	n.s.s.	0/50	22.4ug	2/50	74.9ug	6/50	.224mg	6/50	S
f	TR471	.321mg	n.s.s.	2/50	22.4ug	1/50	74.9ug	3/50	.224mg	8/50	amd:pbb,pob. S
g	TR471	.155mg	n.s.s.	48/50	22.4ug	47/50	74.9ug	50/50	.224mg	46/50	
h	TR471	n.s.s.	n.s.s.	0/50	22.4ug	0/50	74.9ug	0/50	.224mg	0/50	liv:hpa,hpb,hpc.
1538	TR471	.144mg	n.s.s.	1/50	15.7ug	4/50	52.5ug	4/50	.157mg	7/50	lun:a/a,a/c.
a	TR471	.148mg	n.s.s.	0/50	15.7ug	3/50	52.5ug	2/50	.157mg	5/50	sub: fbs, fib, sar. S
b	TR471	.199mg	n.s.s.	1/50	15.7ug	4/50	52.5ug	1/50	.157mg	6/50	
c	TR471	82.0ug	n.s.s.	15/50	15.7ug	19/50	52.5ug	25/50	.157mg	20/50	amd:pbb,phc,phm,pob.
d	TR471	60.5ug	n.s.s.	50/50	15.7ug	50/50	52.5ug	49/50	.157mg	50/50	
e	TR471	.534mg	n.s.s.	1/50	15.7ug	1/50	52.5ug	1/50	.157mg	1/50	liv:hpa,hpb,hpc.
CODEINE 76-57-3											
1539	TR455	418.mg	n.s.s.	34/50	97.5mg	36/51	195.mg	38/51	390.mg	31/51	
a	TR455	1.17gm	n.s.s.	16/50	97.5mg	15/51	195.mg	15/51	390.mg	8/51	liv:hpa,hpb,hpc.
b	TR455	843.mg	n.s.s.	2/50	97.5mg	3/51	195.mg	7/51	390.mg	4/51	lun:a/a,a/c.
1540	TR455	227.mg	n.s.s.	41/50	90.0mg	39/50	180.mg	36/50	(360.mg	28/50)	
a	TR455	330.mg	n.s.s.	29/50	90.0mg	30/50	180.mg	23/50	(360.mg	16/50)	liv:hpa,hpb,hpc.
b	TR455	984.mg	n.s.s.	15/50	90.0mg	9/50	180.mg	16/50	360.mg	10/50	lun:a/a,a/c.
1541	TR455	26.4mg	n.s.s.	46/50	20.0mg	44/50	40.0mg	47/51	(80.0mg	37/51)	
a	TR455	n.s.s.	n.s.s.	0/50	20.0mg	0/50	40.0mg	0/51	80.0mg	0/51	liv:hpa,hpb,hpc.
1542	TR455	35.8mg	n.s.s.	47/50	16.0mg	47/50	32.0mg	45/50	64.0mg	44/50	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	TR455	364.mg	n.s.s.	3/50	16.0mg	0/50	32.0mg	0/50	64.0mg	1/50		liv:hpa,hpb,hpc.
COLCEMID 477-30-5												
1543	1017	14.2ug	n.s.s.	7/65	7.86ug	5/30					Schmahl;arzn,20,1461-1467;1970	
a	1017	18.4ug	n.s.s.	4/65	7.86ug	3/30						
b	1017	22.4ug	n.s.s.	3/65	7.86ug	2/30						
COMPOUND 50-892 (1-isopropyl-4-(m-methoxyphenyl)-7-methyl-2(1H)-quinazolinone) 65765-07-3												
1544	1667	455.mg	n.s.s.	1/50	25.0mg	2/50	150.mg	2/50			Van Ryzin;dact,3,361-379;1980	
a	1667	96.6mg	n.s.s.	10/50	25.0mg	4/50	(150.mg	3/50)				
b	1667	1.08gm	n.s.s.	2/50	25.0mg	1/50	150.mg	0/50				
c	1667	802.mg	n.s.s.	0/50	25.0mg	1/50	150.mg	0/50				
1545	1667	463.mg	n.s.s.	0/50	25.0mg	2/50	150.mg	1/50				
a	1667	261.mg	n.s.s.	13/50	25.0mg	8/50	150.mg	11/50				
b	1667	1.08gm	n.s.s.	2/50	25.0mg	1/50	150.mg	0/50				
1546	1667	286.mg	n.s.s.	7/50	4.30mg	4/50	20.0mg	6/50	102.mg	7/50		
a	1667	35.2mg	n.s.s.	1/50	4.30mg	0/50	20.0mg	0/50	102.mg	0/50		
b	1667	156.mg	n.s.s.	22/50	4.30mg	32/50	20.0mg	27/50	102.mg	25/50		
1547	1667	48.7mg	566.mg	0/50	4.30mg	1/50	20.0mg	6/50	(102.mg	1/50)		
a	1667	35.2mg	n.s.s.	0/50	4.30mg	0/50	20.0mg	0/50	102.mg	0/50		
COMPOUND LY171883 (1-(2-hydroxy-3-propyl-4-(4-(1H-tetrazol-5-yl)-butoxy)phenyl)ethanone) 88107-10-2												
1548	1969	57.7mg	267.mg	0/60	8.81mg	1/60	26.4mg	11/60	(88.1mg	11/60)	Bendele;faat,15,676-682;1990	
a	1969	194.mg	1.77gm	0/60	8.81mg	2/60	26.4mg	3/60	88.1mg	8/60		
1549	1969	159.mg	n.s.s.	10/60	8.13mg	8/60	24.4mg	4/60	81.3mg	16/60		
a	1969	372.mg	n.s.s.	1/60	8.13mg	1/60	24.4mg	4/60	81.3mg	2/60		
COPPER DIMETHYLDITHIOCARBAMATE (cumate) 137-29-1												
1550	1203	23.8mg	n.s.s.	0/17	22.8mg	1/18					Innes;ntis,1968/1969	
a	1203	45.2mg	n.s.s.	0/17	22.8mg	0/18						
b	1203	30.1mg	n.s.s.	2/17	22.8mg	1/18						
1551	1203	20.4mg	n.s.s.	1/18	21.2mg	1/15						
a	1203	22.6mg	n.s.s.	2/18	21.2mg	1/15						
b	1203	17.4mg	n.s.s.	3/18	21.2mg	2/15						
1552	1203	45.2mg	n.s.s.	0/16	22.8mg	0/18						
a	1203	45.2mg	n.s.s.	0/16	22.8mg	0/18						
b	1203	17.4mg	n.s.s.	0/16	22.8mg	2/18						
1553	1203	10.5mg	n.s.s.	0/16	21.2mg	3/15						
a	1203	18.3mg	n.s.s.	0/16	21.2mg	1/15						
b	1203	7.18mg	151.mg	0/16	21.2mg	5/15						
COPPER-8-HYDROXYQUINOLINE 10380-28-6												
1554	1295	771.mg	n.s.s.	0/17	389.mg	0/18					Innes;ntis,1968/1969	
a	1295	771.mg	n.s.s.	1/17	389.mg	0/18						
b	1295	279.mg	n.s.s.	2/17	389.mg	3/18						
1555	1295	221.mg	n.s.s.	1/18	362.mg	3/17						
a	1295	677.mg	n.s.s.	2/18	362.mg	0/17						
b	1295	263.mg	n.s.s.	3/18	362.mg	3/17						
1556	1295	771.mg	n.s.s.	0/16	389.mg	0/18						
a	1295	771.mg	n.s.s.	0/16	389.mg	0/18						
b	1295	405.mg	n.s.s.	0/16	389.mg	1/18						
1557	1295	638.mg	n.s.s.	0/16	362.mg	0/16						
a	1295	638.mg	n.s.s.	0/16	362.mg	0/16						
b	1295	334.mg	n.s.s.	0/16	362.mg	1/16						

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
COUMAPHOS 56-72-4											
1558	TR96	2.50mg	n.s.s.	8/25	1.30mg	20/50	2.60mg	24/50			
a	TR96	5.46mg	n.s.s.	0/25	1.30mg	4/50	2.60mg	5/50			liv:hpa,hpc,nnd.
b	TR96	7.02mg	n.s.s.	1/25	1.30mg	4/50	2.60mg	4/50			lun:a/a,a/c.
1559	TR96	3.31mg	n.s.s.	15/25	1.20mg	26/50	2.40mg	22/50			
a	TR96	5.22mg	n.s.s.	7/25	1.20mg	14/50	2.40mg	9/50			liv:hpa,hpc,nnd.
b	TR96	6.82mg	n.s.s.	4/25	1.20mg	4/50	2.40mg	6/50			lun:a/a,a/c.
1560	TR96	.635mg	n.s.s.	17/23	.500mg	41/50	1.00mg	38/50			
a	TR96	2.65mg	n.s.s.	0/23	.500mg	2/50	1.00mg	3/50			liv:hpa,hpc,nnd.
1561	TR96	.471mg	n.s.s.	12/25	.400mg	32/50	.800mg	32/50			
a	TR96	3.02mg	n.s.s.	0/25	.400mg	1/50	.800mg	1/50			liv:hpa,hpc,nnd.
COUMARIN (1,2-benzopyrone) 91-64-5											
1562	1340	222.mg	n.s.s.	0/12	105.mg	0/13	523.mg	0/10			Ueno;fctx,19,353-355;1981
a	1340	350.mg	n.s.s.	5/12	105.mg	3/13	523.mg	4/10			
1563	1340	174.mg	n.s.s.	0/12	92.0mg	0/11	460.mg	0/11			
a	1340	212.mg	n.s.s.	1/12	92.0mg	2/11	460.mg	5/11			
1564	TR422	35.7mg	438.mg	8/52	35.1mg	27/50	70.4mg	31/51 (141.mg	13/51)		liv:hpa,hpc.
a	TR422	38.0mg	966.mg	8/52	35.1mg	26/50	70.4mg	29/51 (141.mg	12/51)		
b	TR422	48.1mg	302.mg	10/52	35.1mg	28/50	70.4mg	33/51	141.mg	31/51	liv:hpa,hpc; lun:a/a,a/c. C
c	TR422	87.4mg	252.mg	2/52	35.1mg	5/50	70.4mg	7/51	141.mg	27/51	lun:a/a,a/c.
d	TR422	108.mg	403.mg	2/52	35.1mg	5/50	70.4mg	7/51	141.mg	20/51	
e	TR422	355.mg	2.92gm	0/52	35.1mg	0/50	70.4mg	0/51	141.mg	7/51	
f	TR422	417.mg	n.s.s.	1/52	35.1mg	5/50	70.4mg	2/51	141.mg	2/51	
g	TR422	376.mg	n.s.s.	1/52	35.1mg	6/50	70.4mg	3/51	141.mg	2/51	for:sqc,sqp.
h	TR422	67.2mg	n.s.s.	25/52	35.1mg	41/50	70.4mg	36/51	141.mg	34/51	
i	TR422	35.7mg	438.mg	8/52	35.1mg	27/50	70.4mg	31/51 (141.mg	13/51)		liv:hpa,hpb,hpc.
j	TR422	87.4mg	252.mg	2/52	35.1mg	5/50	70.4mg	7/51	141.mg	27/51	lun:a/a,a/c.
1565	TR422	118.mg	3.20gm	14/50	35.2mg	9/50	70.5mg	15/50	141.mg	25/51	lun:a/a,a/c.
a	TR422	127.mg	7.96gm	14/50	35.2mg	8/50	70.5mg	14/50	141.mg	24/51	
b	TR422	240.mg	16.1gm	0/50	35.2mg	0/50	70.5mg	5/50 (141.mg	1/51)		S
c	TR422	59.2mg	n.s.s.	2/50	35.2mg	9/50 (70.5mg	4/50	141.mg	0/51)		for:sqc,sqp.
d	TR422	65.3mg	n.s.s.	2/50	35.2mg	8/50 (70.5mg	2/50	141.mg	0/51)		
e	TR422	301.mg	n.s.s.	0/50	35.2mg	3/50	70.5mg	4/50	141.mg	4/51	---:hcs,mlh,mlm,mlp,mly. S
f	TR422	499.mg	n.s.s.	0/50	35.2mg	0/50	70.5mg	3/50	141.mg	2/51	S
g	TR422	86.4mg	n.s.s.	42/50	35.2mg	40/50	70.5mg	42/50	141.mg	39/51	
h	TR422	137.mg	n.s.s.	35/50	35.2mg	34/50	70.5mg	32/50	141.mg	29/51	liv:hpa,hpb,hpc.
i	TR422	118.mg	3.20gm	14/50	35.2mg	9/50	70.5mg	15/50	141.mg	25/51	lun:a/a,a/c.
1566	2260	79.5mg	598.mg	0/52	39.0mg	8/52 (130.mg	4/52	390.mg	3/52)		Carlton;faat,30,145-151;1996/pers.comm.
a	2260	1.42gm	n.s.s.	2/52	39.0mg	1/52	130.mg	2/52	390.mg	5/52	
b	2260	760.mg	n.s.s.	10/52	39.0mg	11/52	130.mg	11/52	390.mg	14/52	
1567	2260	417.mg	n.s.s.	11/52	36.0mg	12/52	120.mg	10/52	360.mg	20/52	
a	2260	1.36gm	n.s.s.	20/52	36.0mg	22/52	120.mg	19/52	360.mg	12/52	
b	2260	2.23gm	n.s.s.	0/52	36.0mg	1/52	120.mg	2/52	360.mg	0/52	
1568	TR422	347.mg	n.s.s.	0/50	17.6mg	0/50	35.2mg	0/50	70.3mg	2/50	
a	TR422	41.8mg	n.s.s.	41/50	17.6mg	44/50	35.2mg	40/50	70.3mg	43/50	
b	TR422	n.s.s.	n.s.s.	0/50	17.6mg	0/50	35.2mg	0/50	70.3mg	0/50	liv:hpa,hpb,hpc.
1569	TR422	281.mg	n.s.s.	0/50	17.6mg	0/50	35.2mg	1/50	70.3mg	2/50	
1570	TR422	2.33mg	6.05mg	38/50	17.7mg	43/50	35.3mg	42/51	71.4mg	46/50	S
a	TR422	8.31mg	174.mg	19/50	17.7mg	12/50	35.3mg	16/51 (71.4mg	6/50)		S
b	TR422	24.5mg	n.s.s.	0/50	17.7mg	1/50	35.3mg	0/51	71.4mg	1/50	S
c	TR422	35.2mg	n.s.s.	1/50	17.7mg	2/50	35.3mg	2/51	71.4mg	1/50	kid:ade,rua.
d	TR422	5.71mg	47.9mg	40/50	17.7mg	36/50	35.3mg	30/51	71.4mg	15/50	
e	TR422	50.3mg	n.s.s.	2/50	17.7mg	0/50	35.3mg	0/51	71.4mg	0/50	liv:hpa,hpb,hpc.
1571	TR422	6.49mg	37.1mg	1/50	17.7mg	6/50	35.3mg	7/51	71.4mg	5/50	kid:ade,rua.
a	TR422	6.49mg	37.1mg	1/50	17.7mg	6/50	35.3mg	7/51	71.4mg	5/50	kid:ade,rua,ruc.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
b	TR422	24.7mg	n.s.s.	0/50	17.7mg	1/50	35.3mg	0/51	71.4mg	0/50		
1572	TR422a	3.36mg	70.0mg	38/50	44.6mg	15/20						S
a	TR422a	12.2mg	n.s.s.	1/50	44.6mg	2/20						S
b	TR422a	4.59mg	1.23gm	40/50	44.6mg	15/20						
c	TR422a	19.3mg	n.s.s.	2/50	44.6mg	1/20					liv:hpa,hpb,hpc.	
1573	TR422a	12.2mg	n.s.s.	1/50	44.6mg	2/20						S
1574	TR422b	5.48mg	n.s.s.	38/50	27.1mg	18/20						
a	TR422b	27.3mg	n.s.s.	1/50	27.1mg	1/20						
b	TR422b	9.96mg	n.s.s.	40/50	27.1mg	14/20						
c	TR422b	51.0mg	n.s.s.	2/50	27.1mg	0/20					liv:hpa,hpb,hpc.	
1575	TR422b	13.6mg	11.6gm	1/50	27.1mg	4/20						S
1576	2260	467.mg	1.39gm	0/65	150.mg	0/65	250.mg	23/65			Carlton;faat,30,145-151;1996/pers.comm.	
a	2260	758.mg	3.41gm	0/65	150.mg	1/65	250.mg	12/65				
1577	2260	204.mg	475.mg	0/65	120.mg	1/65	200.mg	37/65				
a	2260	234.mg	659.mg	2/65	120.mg	6/65	200.mg	29/65				
m-CRESIDINE 102-50-1												
1578	TR105	83.9mg	n.s.s.	0/25	22.6mg	1/50	45.3mg	5/50				liv:hpa,hpc. S
a	TR105	32.9mg	n.s.s.	3/25	22.6mg	10/50	45.3mg	15/50				
b	TR105	83.9mg	n.s.s.	0/25	22.6mg	1/50	45.3mg	5/50			liv:hpa,hpc,nnd.	
c	TR105	95.1mg	n.s.s.	0/25	22.6mg	2/50	45.3mg	3/50			lun:a/a,a/c.	
1579	TR105	12.5mg	n.s.s.	9/25	22.9mg	10/50	54.6mg	0/50				
a	TR105	23.8mg	n.s.s.	5/25	22.9mg	3/50	54.6mg	0/50			liv:hpa,hpc,nnd.	
b	TR105	26.9mg	n.s.s.	4/25	22.9mg	4/50	54.6mg	0/50			lun:a/a,a/c.	
1580	TR105	24.9mg	n.s.s.	3/25	40.4mg	21/49	(80.0mg)	8/50				S
a	TR105	232.mg	n.s.s.	0/25	40.4mg	1/49	80.0mg	2/50				
b	TR105	17.1mg	n.s.s.	12/25	40.4mg	38/49	(80.0mg)	20/50				
c	TR105	270.mg	n.s.s.	0/25	40.4mg	1/49	80.0mg	1/50			liv:hpa,hpc,nnd.	
1581	TR105	178.mg	n.s.s.	0/25	40.4mg	0/50	80.0mg	5/50				
a	TR105	56.4mg	n.s.s.	14/25	40.4mg	30/50	80.0mg	21/50				
b	TR105	191.mg	n.s.s.	0/25	40.4mg	4/50	80.0mg	1/50			liv:hpa,hpc,nnd.	
p-CRESIDINE 120-71-8												
1582	TR142	49.9mg	97.7mg	0/50	281.mg	42/50	563.mg	45/50			ubl:can,nen,npm,sgc,tcc.	
a	TR142	49.9mg	97.7mg	0/50	281.mg	42/50	563.mg	45/50			liv:hpa,hpc; ubl:can,nen,npm,sgc,tcc.	C
b	TR142	50.5mg	99.5mg	0/50	281.mg	41/50	563.mg	44/50			ubl:can,sgc,tcc.	
c	TR142	172.mg	587.mg	0/50	281.mg	14/50	563.mg	6/50			liv:hpa,hpc.	
d	TR142	177.mg	627.mg	0/50	281.mg	13/50	563.mg	6/50				
e	TR142	51.5mg	117.mg	14/50	281.mg	45/50	563.mg	45/50				
f	TR142	172.mg	587.mg	0/50	281.mg	14/50	563.mg	6/50			liv:hpa,hpc,nnd.	
g	TR142	573.mg	n.s.s.	4/50	281.mg	4/50	563.mg	1/50			lun:a/a,a/c.	
1583	TR142	28.7mg	70.9mg	0/50	260.mg	40/50	552.mg	31/50			ubl:sgc,tcc.	
a	TR142	29.3mg	78.2mg	22/50	260.mg	42/50	552.mg	32/50				
b	TR142	95.5mg	32.7gm	15/50	260.mg	11/50	552.mg	3/50			liv:hpa,hpc,nnd.	
c	TR142	207.mg	n.s.s.	7/50	260.mg	2/50	552.mg	1/50			lun:a/a,a/c.	
1584	TR142	79.6mg	157.mg	0/50	245.mg	31/50	491.mg	43/50			ubl:nen,ppc,sgc,tcc.	
a	TR142	79.6mg	157.mg	0/50	245.mg	31/50	491.mg	43/50			nas:oln; ubl:nen,ppc,sgc,tcc.	C
b	TR142	401.mg	14.2gm	2/50	245.mg	8/50	491.mg	4/50				S
c	TR142	568.mg	2.89gm	0/50	245.mg	0/50	491.mg	11/50				
d	TR142	578.mg	n.s.s.	0/50	245.mg	5/50	491.mg	1/50				S
e	TR142	62.4mg	162.mg	27/50	245.mg	48/50	491.mg	44/50				
f	TR142	712.mg	n.s.s.	0/50	245.mg	4/50	491.mg	0/50			liv:hpa,hpc,nnd.	
1585	TR142	55.7mg	107.mg	0/50	198.mg	35/50	396.mg	46/50			liv:hpc,mhc,nnd; nas:adn,can,neu,npm,oln; nsp:acn; ubl:ppc,sgc,tcc, tpp,ulc.	C
a	TR142	63.9mg	126.mg	0/50	198.mg	30/50	396.mg	44/50			ubl:ppc,sgc,tcc, tpp,ulc.	
b	TR142	81.1mg	2.05gm	37/50	198.mg	45/50	396.mg	23/50				S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
c	TR142	236.mg	711.mg	0/50	198.mg	2/50	396.mg	23/50		nas:adn,can,neu,npn,oln.
d	TR142	220.mg	968.mg	0/50	198.mg	13/50	396.mg	2/50		liv:hpc,mhc,nnd.
e	TR142	260.mg	836.mg	0/50	198.mg	1/50	396.mg	21/50		nas:neu,oln.
f	TR142	942.mg	n.s.s.	0/50	198.mg	0/50	396.mg	3/50		bra:gln; brs:gln. S
g	TR142	1.35gm	n.s.s.	0/50	198.mg	0/50	396.mg	3/50		nas:can,npn; nsp:acn.
h	TR142	63.6mg	181.mg	28/50	198.mg	44/50	396.mg	46/50		
i	TR142	235.mg	1.11gm	0/50	198.mg	12/50	396.mg	2/50		liv:hpa,hpc,nnd.
CROTONALDEHYDE (trans-2-butenal) 123-73-9										
1586	1774	1.96mg	12.8mg	0/23	2.10mg	9/27	(21.0mg	1/23)	Chung; canr, 46, 1285-1289; 1986	
a	1774	1.96mg	12.8mg	0/23	2.10mg	9/27	(21.0mg	1/23)		
b	1774	94.1mg	n.s.s.	0/23	2.10mg	2/27	21.0mg	0/23		
CUPFERRON 135-20-6										
1587	TR100	163.mg	495.mg	3/50	200.mg	18/50	405.mg	25/50	---:hem,hes; hag:adn; liv:hpa,hpc; zym:sec, sqc. C	
a	TR100	243.mg	1.05gm	2/50	200.mg	12/50	405.mg	16/50		liv:hpa,hpc.
b	TR100	192.mg	2.20gm	1/50	200.mg	10/50	(405.mg	6/50)		---:hem,hes.
c	TR100	309.mg	1.96gm	2/50	200.mg	9/50	405.mg	13/50		
d	TR100	576.mg	5.56gm	0/50	200.mg	2/50	405.mg	6/50		
e	TR100	344.mg	n.s.s.	4/50	200.mg	11/50	405.mg	9/50		lun:a/a,a/c. S
f	TR100	582.mg	n.s.s.	1/50	200.mg	5/50	405.mg	6/50		S
g	TR100	1.19gm	n.s.s.	0/50	200.mg	0/50	405.mg	3/50		zym:sec, sqc.
h	TR100	125.mg	591.mg	12/50	200.mg	33/50	405.mg	31/50		
i	TR100	243.mg	1.05gm	2/50	200.mg	12/50	405.mg	16/50		liv:hpa,hpc,nnd.
j	TR100	344.mg	n.s.s.	4/50	200.mg	11/50	405.mg	9/50		lun:a/a,a/c.
1588	TR100	451.mg	8.40gm	1/50	185.mg	3/50	374.mg	7/50		
a	TR100	450.mg	6.19gm	0/50	185.mg	3/50	374.mg	4/50		S
b	TR100	128.mg	1.78gm	20/50	185.mg	25/50	374.mg	26/50		
c	TR100	416.mg	n.s.s.	15/50	185.mg	9/50	374.mg	9/50		liv:hpa,hpc,nnd.
d	TR100	449.mg	n.s.s.	7/50	185.mg	8/50	374.mg	5/50		lun:a/a,a/c.
1589	TR100	9.23mg	21.8mg	2/50	55.2mg	40/50	110.mg	40/50	---:hes; liv:hpc,nnd; sto: sqc, sqp; zym:cuc, sqc. C	
a	TR100	10.9mg	27.9mg	0/50	55.2mg	28/50	110.mg	37/50		
b	TR100	10.6mg	31.2mg	1/50	55.2mg	26/50	110.mg	12/50		liv:hpc,nnd.
c	TR100	11.9mg	36.0mg	1/50	55.2mg	24/50	110.mg	10/50		
d	TR100	17.0mg	45.7mg	0/50	55.2mg	19/50	110.mg	24/50		sto: sqc, sqp.
e	TR100	18.3mg	53.9mg	0/50	55.2mg	14/50	110.mg	22/50		
f	TR100	53.9mg	1.18gm	1/50	55.2mg	5/50	110.mg	4/50		zym:cuc, sqc.
g	TR100	7.18mg	18.9mg	31/50	55.2mg	42/50	110.mg	42/50		
h	TR100	10.6mg	31.2mg	1/50	55.2mg	26/50	110.mg	12/50		liv:hpa,hpc,nnd.
1590	TR100	2.06mg	9.79mg	0/50	45.0mg	42/50	96.5mg	38/49	---:hes; liv:hpc,nnd; sto: sqc, sqp. C	
a	TR100	2.09mg	10.4mg	0/50	45.0mg	38/50	96.5mg	35/49		
b	TR100	2.17mg	13.1mg	0/50	45.0mg	32/50	96.5mg	24/49		sto: sqc, sqp.
c	TR100	2.24mg	16.5mg	0/50	45.0mg	19/50	96.5mg	17/49		
d	TR100	2.40mg	28.6mg	0/50	45.0mg	12/50	96.5mg	5/49		liv:hpc,nnd.
e	TR100	2.43mg	35.7mg	1/50	45.0mg	15/50	96.5mg	5/49		S
f	TR100	10.8mg	80.8mg	0/50	45.0mg	8/50	96.5mg	4/49		
g	TR100	54.4mg	571.mg	0/50	45.0mg	5/50	96.5mg	1/49		bod:men,mso. S
h	TR100	5.01mg	14.6mg	31/50	45.0mg	45/50	96.5mg	41/49		
i	TR100	2.40mg	28.6mg	0/50	45.0mg	12/50	96.5mg	5/49		liv:hpa,hpc,nnd.
CYANAMIDE, CALCIUM 156-62-7										
1591	TR163	213.mg	n.s.s.	1/20	65.0mg	11/50	260.mg	18/50		---:leu,lym. S
a	TR163	264.mg	n.s.s.	11/20	65.0mg	25/50	260.mg	27/50		
b	TR163	685.mg	n.s.s.	0/20	65.0mg	6/50	260.mg	3/50		liv:hpa,hpc,nnd.
c	TR163	716.mg	n.s.s.	3/20	65.0mg	1/50	260.mg	6/50		lun:a/a,a/c.
1592	1066	67.2mg	n.s.s.	0/16	33.9mg	0/18			Innes; ntis, 1968/1969	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code
b	2004m	5.50mg	n.s.s.	0/37	7.27mg	1/5								
c	2004m	6.73mg	n.s.s.	0/43	7.27mg	1/6								
d	2004m	6.73mg	n.s.s.	0/43	7.27mg	1/6								
e	2004m	6.73mg	n.s.s.	0/43	7.27mg	1/6								
f	2004m	7.69mg	n.s.s.	1/74	7.27mg	1/7								
g	2004m	2.66mg	n.s.s.	6/74	7.27mg	3/7								
h	2004m	2.07mg	n.s.s.	17/108	7.27mg	4/10								
i	2004m	3.89mg	n.s.s.	12/108	7.27mg	1/10								
CYCLAMATE, SODIUM 139-05-9														
1608	1341	6.45gm	n.s.s.	3/45	888.mg	2/19	2.22gm	3/18	4.44gm	4/21	8.88gm	6/25	Brantom;fctx,11,735-746;1973	
a	1341	9.13gm	n.s.s.	6/45	888.mg	2/19	2.22gm	6/18	4.44gm	6/21	8.88gm	3/25		
b	1341	1.29gm	n.s.s.	0/45	888.mg	0/19	2.22gm	0/18	4.44gm	0/21	8.88gm	0/25		
1609	1341	1.39gm	n.s.s.	0/46	820.mg	0/21	2.05gm	0/27	4.10gm	0/23	8.20gm	0/24		
a	1341	12.4gm	n.s.s.	15/46	820.mg	5/21	2.05gm	6/27	4.10gm	1/23	8.20gm	7/24		
1610	1275	2.47gm	n.s.s.	0/19	1.20gm	0/10							Rudali;adsc,269,1910-1913;1969	
a	1275	2.47gm	n.s.s.	0/19	1.20gm	0/10								
b	1275	201.mg	n.s.s.	18/19	1.20gm	9/10								
1611	1275	652.mg	n.s.s.	3/9	1.00gm	3/9								
a	1275	1.85gm	n.s.s.	2/9	1.00gm	0/9								
b	1275	795.mg	n.s.s.	5/9	1.00gm	3/9								
1612	1450	8.27gm	n.s.s.	0/17	1.30gm	0/38	6.50gm	0/33					Homburger;ctxf,359-373;1978	
a	1450	16.2gm	n.s.s.	4/17	1.30gm	6/38	6.50gm	5/33						
b	1450	10.5gm	n.s.s.	11/17	1.30gm	19/38	6.50gm	14/33						
1613	1275	528.mg	n.s.s.	12/28	1.00gm	22/34							Rudali;adsc,269,1910-1913;1969	
a	1275	1.44gm	n.s.s.	2/28	1.00gm	7/34								
b	1275	314.mg	n.s.s.	16/28	1.00gm	28/34								
1614	1275	1.41gm	n.s.s.	0/19	1.00gm	3/22								
a	1275	4.53gm	n.s.s.	0/19	1.00gm	0/22								
b	1275	1.41gm	n.s.s.	0/19	1.00gm	3/22								
1615	1090	24.3gm	n.s.s.	3/45	6.50gm	1/47							Roe;fctx,8,135-145;1970	
1616	1349	9.41gm	n.s.s.	1/41	2.60gm	0/30	6.50gm	0/39					Kroes;txcy,8,285-300;1977	
1617	1349	11.1gm	n.s.s.	0/40	2.40gm	0/41	6.00gm	0/41						
1618	1275	277.mg	1.95gm	3/16	1.20gm	16/20							Rudali;adsc,269,1910-1913;1969	
a	1275	2.61gm	n.s.s.	0/16	1.20gm	1/20								
b	1275	277.mg	1.95gm	3/16	1.20gm	16/20								
1619	2003	5.81mg	n.s.s.	0/3	71.4mg	1/1	(357.mg	0/4)					Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.	
a	2003	203.mg	n.s.s.	0/3	71.4mg	-/-	357.mg	1/4						
b	2003	285.mg	n.s.s.	3/15	71.4mg	1/3	357.mg	1/4						
1620	2003	29.6mg	n.s.s.	0/12	71.4mg	1/3	357.mg	-/-						
a	2003	124.mg	n.s.s.	0/13	71.4mg	0/3	357.mg	1/2						
b	2003	42.2mg	n.s.s.	6/29	71.4mg	1/4	357.mg	0/2						
c	2003	193.mg	n.s.s.	6/74	71.4mg	0/4	357.mg	1/5						
d	2003	77.5mg	n.s.s.	12/108	71.4mg	2/4	357.mg	0/5						
e	2003	80.2mg	n.s.s.	17/108	71.4mg	2/4	357.mg	1/5						
1621	1416	56.6gm	n.s.s.	0/98	900.mg	1/97	2.25gm	0/101					Schmahl;arzn,23,1466-1470;1973	
a	1416	56.6gm	n.s.s.	0/98	900.mg	1/97	2.25gm	0/101						
b	1416	9.59gm	n.s.s.	13/98	900.mg	16/97	2.25gm	20/101						
1622	1465	25.4gm	n.s.s.	0/98	1.00gm	1/84	2.00gm	2/143					Hicks;carm,2,475-489;1978	
CYCLOCHLOROTINE 12663-46-6														
1623	1346	8.15mg	n.s.s.	0/11	1.33mg	1/18	2.00mg	3/19					Uraguchi;fctx,10,193-207;1972	
a	1346	12.0mg	n.s.s.	0/11	1.33mg	0/18	2.00mg	2/19						
b	1346	16.1mg	n.s.s.	0/11	1.33mg	0/18	2.00mg	1/19						
c	1346	16.2mg	n.s.s.	0/11	1.33mg	1/18	2.00mg	0/19						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
b	1416	1.81gm	n.s.s.	13/98	200.mg	6/68						
1648	396	404.mg	n.s.s.	0/38	30.0mg	0/43	100.mg	3/47	(300.mg	0/41)	Gaunt;fctx,14,255-267;1976	
1649	396	1.43gm	n.s.s.	2/34	24.0mg	1/40	80.0mg	0/39	240.mg	2/46		
a	396	2.54gm	n.s.s.	3/34	24.0mg	1/40	80.0mg	1/39	240.mg	0/46		
CYCLOHEXYLAMINE SULFATE 19834-02-7												
1650	1349	3.49gm	n.s.s.	1/41	650.mg	0/34					Kroes;txcy,8,285-300;1977	
1651	1349	3.98gm	n.s.s.	0/40	600.mg	0/42						
1652	1350	.696mg	n.s.s.	0/25	.150mg	0/25	1.50mg	0/25	15.0mg	0/25	Price;scie,167,1131-1132;1970	
1653	1350	45.6mg	n.s.s.	0/25	.150mg	0/25	1.50mg	0/25	15.0mg	1/25		
CYCLOPENTANONE OXIME 1192-28-5												
1654	2265	15.5mg	607.mg	0/30	17.1mg	5/30					Fiala;txcy,99,89-97;1995/pers.comm.	
a	2265	21.4mg	n.s.s.	0/30	17.1mg	3/30						
3-(CYCLOPENTYLOXY)-N-(3,5-DICHLORO-4-PYRIDYL)-4-METHOXYBENZAMIDE (RP 73401) 144035-83-6												
1655	2609	.784mg	1.89mg	0/65	89.3ug	0/65	.357mg	3/65	.714mg	32/65	Pino;txpy,27,383-394;1999/pers.comm.	
a	2609	.805mg	1.97mg	0/65	89.3ug	0/65	.357mg	2/65	.714mg	32/65		
b	2609	1.05mg	2.92mg	0/65	89.3ug	0/65	.357mg	2/65	.714mg	24/65		
c	2609	4.21mg	224.mg	0/65	89.3ug	0/65	.357mg	0/65	.714mg	4/65		
d	2609	6.06mg	n.s.s.	0/65	89.3ug	0/65	.357mg	0/65	.714mg	2/65		
e	2609	6.06mg	n.s.s.	0/65	89.3ug	0/65	.357mg	0/65	.714mg	2/65		
f	2609	6.07mg	n.s.s.	0/65	89.3ug	0/65	.357mg	1/65	.714mg	1/65		
1656	2609	1.33mg	4.13mg	0/65	89.3ug	0/65	.357mg	2/65	.714mg	19/65		
a	2609	1.45mg	4.79mg	0/65	89.3ug	0/65	.357mg	2/65	.714mg	17/65		
b	2609	1.98mg	8.44mg	0/65	89.3ug	0/65	.357mg	2/65	.714mg	11/65		
c	2609	4.38mg	233.mg	0/65	89.3ug	0/65	.357mg	0/65	.714mg	4/65		
d	2609	5.14mg	n.s.s.	0/65	89.3ug	0/65	.357mg	0/65	.714mg	3/65		
e	2609	6.30mg	n.s.s.	0/65	89.3ug	0/65	.357mg	0/65	.714mg	2/65		
f	2609	8.38mg	n.s.s.	0/65	89.3ug	0/65	.357mg	0/65	.714mg	1/65		
CYCLOPHOSPHAMIDE (endoxan) 50-18-0												
1657	1336	2.50mg	61.3mg	3/154	1.69mg	1/19	3.52mg	4/16			Skipper;srfr;1976/Weisburger;canc;1977/Prejean pers.comm.	
a	1336	3.35mg	81.6mg	0/154	1.69mg	1/19	3.52mg	2/16				
b	1336	1.97mg	n.s.s.	20/154	1.69mg	4/19	3.52mg	5/16				
c	1336	2.43mg	n.s.s.	1/154	1.69mg	0/19	3.52mg	0/16				
d	1336	.858mg	5.93mg	29/154	1.69mg	7/19	3.52mg	11/16				
e	1336	.815mg	8.25mg	42/154	1.69mg	9/19	3.52mg	11/16				
f	1336	6.99mg	n.s.s.	13/154	1.69mg	2/19	3.52mg	0/16				
1658	1336	2.63mg	84.8mg	0/101	1.72mg	2/22	3.52mg	1/9				
a	1336	1.78mg	n.s.s.	9/101	1.72mg	5/22	3.52mg	2/9				
b	1336	4.60mg	n.s.s.	2/101	1.72mg	0/22	3.52mg	1/9				
c	1336	1.15mg	n.s.s.	28/101	1.72mg	8/22	3.52mg	5/9				
d	1336	1.27mg	n.s.s.	19/101	1.72mg	7/22	3.52mg	4/9				
e	1336	4.42mg	n.s.s.	9/101	1.72mg	1/22	3.52mg	1/9				
1659	2003	.245mg	16.0mg	0/32	3.46mg	2/3					Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.	
a	2003	1.35mg	n.s.s.	0/33	3.46mg	1/8						
b	2003	1.35mg	n.s.s.	0/33	3.46mg	1/8						
c	2003	1.35mg	n.s.s.	0/33	3.46mg	1/8						
d	2003	.234mg	4.62mg	0/33	3.46mg	4/8						
e	2003	.240mg	7.54mg	0/33	3.46mg	3/8						
f	2003	1.35mg	n.s.s.	0/33	3.46mg	1/8						
1660	2003	71.0ug	82.2mg	0/42	2.94mg	1/1						
a	2003	71.0ug	82.2mg	0/42	2.94mg	1/1						
b	2003	.923mg	n.s.s.	0/51	2.94mg	1/7						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	TR207	29.4mg	n.s.s.	0/50	5.12mg	0/50	10.2mg	4/50		S
b	TR207	7.91mg	n.s.s.	26/50	5.12mg	23/50	10.2mg	29/50		
c	TR207	21.6mg	n.s.s.	3/50	5.12mg	3/50	10.2mg	6/50	liv:hpa,hpc,nnd.	
d	TR207	50.0mg	n.s.s.	7/50	5.12mg	4/50	10.2mg	2/50	lun:a/a,a/c.	
1675	TR207	4.29mg	n.s.s.	28/50	5.12mg	30/50	10.2mg	24/50		
a	TR207	7.03mg	n.s.s.	16/50	5.12mg	18/50	10.2mg	13/50	liv:hpa,hpc,nnd.	
b	TR207	12.7mg	n.s.s.	6/50	5.12mg	7/50	10.2mg	5/50	lun:a/a,a/c.	
1676	TR207	2.45mg	18.3mg	13/50	2.99mg	22/50	5.97mg	36/50		
a	TR207	16.8mg	n.s.s.	0/50	2.99mg	1/50	5.97mg	4/50		S
b	TR207	2.63mg	n.s.s.	38/50	2.99mg	44/50	5.97mg	47/50		
c	TR207	16.8mg	n.s.s.	0/50	2.99mg	1/50	5.97mg	4/50	liv:hpa,hpc,nnd.	
1677	TR207	.624mg	1.90mg	3/50	2.99mg	37/50	(5.97mg)	36/50	mul:msm; tnv:men. C	
a	TR207	1.15mg	4.05mg	3/50	2.99mg	26/50	(5.97mg)	26/50		
b	TR207	1.14mg	6.60mg	0/50	2.99mg	11/50	(5.97mg)	10/50		
c	TR207	.572mg	6.25mg	42/50	2.99mg	45/50	(5.97mg)	48/50		
d	TR207	11.3mg	n.s.s.	1/50	2.99mg	1/50	5.97mg	2/50	liv:hpa,hpc,nnd.	
DACARBAZINE (DIC) 4342-03-4										
1678	1336	.249mg	1.74mg	20/154	4.56mg	12/14			Skipper;srfr;1976/Weisburger;canc;1977/Prejean pers.comm.	
a	1336	1.09mg	16.5mg	0/154	4.56mg	4/14				
b	1336	1.76mg	n.s.s.	3/154	4.56mg	2/14				
c	1336	2.36mg	n.s.s.	0/154	4.56mg	1/14				
d	1336	4.53mg	n.s.s.	1/154	4.56mg	0/14				
e	1336	.336mg	2.84mg	29/154	4.56mg	11/14				
f	1336	1.50mg	n.s.s.	13/154	4.56mg	3/14				
g	1336	n.s.s.	n.s.s.	42/154	4.56mg	14/14				
1679	1336	1.26mg	7.71mg	9/101	3.56mg	14/30				
a	1336	2.23mg	16.6mg	0/101	3.56mg	7/30				
b	1336	3.94mg	114. mg	0/101	3.56mg	3/30				
c	1336	4.16mg	n.s.s.	2/101	3.56mg	3/30				
d	1336	7.22mg	n.s.s.	2/101	3.56mg	1/30				
e	1336	.419mg	1.86mg	28/101	3.56mg	26/30				
f	1336	.796mg	4.06mg	19/101	3.56mg	20/30				
g	1336	2.97mg	n.s.s.	9/101	3.56mg	6/30				
1680	1412	.316mg	2.38mg	4/28	3.83mg	12/16			Beal;jnci,54,951-957;1975	
a	1412	1.27mg	n.s.s.	0/28	3.83mg	3/16				
b	1412	1.61mg	n.s.s.	0/28	3.83mg	2/16				
DAMINOZIDE (succinic acid 2,2-dimethyl hydrazide, DMASA) 1596-84-5										
1681	TR83	1.04gm	n.s.s.	13/20	644. mg	27/50	1.29gm	25/50		
a	TR83	1.36gm	n.s.s.	1/20	644. mg	4/50	(1.29gm)	0/50	liv:hpa,hpc,nnd.	
b	TR83	1.35gm	n.s.s.	1/20	644. mg	8/50	1.29gm	10/50	lun:a/a,a/c.	
1682	TR83	1.26gm	14.9gm	0/20	594. mg	7/50	1.19gm	13/50		
a	TR83	1.20gm	n.s.s.	1/20	594. mg	9/50	1.19gm	14/50	liv:hpa,hpc.	
b	TR83	588. mg	n.s.s.	8/20	594. mg	28/50	1.19gm	37/50		
c	TR83	1.20gm	n.s.s.	1/20	594. mg	9/50	1.19gm	14/50	liv:hpa,hpc,nnd.	
d	TR83	1.01gm	n.s.s.	4/20	594. mg	15/50	1.19gm	18/50	lun:a/a,a/c.	
1683	401	757. mg	2.16gm	8/96	4.00gm	36/43			Toth;canr,37,3497-3500;1977	
a	401	831. mg	2.47gm	15/99	4.00gm	37/45				
b	401	29.0gm	n.s.s.	0/71	4.00gm	0/45				
1684	401	552. mg	1.49gm	5/89	3.33gm	37/46				
a	401	649. mg	2.21gm	22/92	3.33gm	36/46				
b	401	4.15gm	51.1gm	0/77	3.33gm	5/42				
c	401	7.39gm	n.s.s.	1/77	3.33gm	2/42				
1685	TR83	1.69gm	n.s.s.	0/20	248. mg	0/50	495. mg	4/50		S
a	TR83	922. mg	n.s.s.	0/20	248. mg	6/50	495. mg	5/50	ute:lei; utm:acn. C	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR83	1.13gm	n.s.s.	0/20	248.mg	5/50	495.mg	3/50		
c	TR83	1.81gm	n.s.s.	0/20	248.mg	1/50	495.mg	3/50		
d	TR83	404.mg	n.s.s.	11/20	248.mg	32/50	495.mg	28/50		
e	TR83	2.37gm	n.s.s.	0/20	248.mg	1/50	495.mg	1/50	liv:hpa,hpc,nnd.	
1686	TR83	771.mg	n.s.s.	10/20	198.mg	21/50	396.mg	19/50		
a	TR83	3.37gm	n.s.s.	0/20	198.mg	1/50	396.mg	0/50	liv:hpa,hpc,nnd.	
DAPSONE 80-08-0										
1687	TR20	45.8mg	n.s.s.	6/14	33.8mg	4/35	(67.6mg	2/36)		
a	TR20	n.s.s.	n.s.s.	0/14	33.8mg	0/35	67.6mg	0/36	liv:hpa,hpc,nnd.	
b	TR20	262.mg	n.s.s.	1/14	33.8mg	0/35	67.6mg	0/36	lun:a/a,a/c.	
1688	TR20	67.2mg	n.s.s.	0/14	31.2mg	11/35	62.4mg	5/34		
a	TR20	106.mg	n.s.s.	0/14	31.2mg	6/35	62.4mg	2/34	liv:hpa,hpc,nnd.	
b	TR20	133.mg	n.s.s.	0/14	31.2mg	5/35	62.4mg	1/34	lun:a/a,a/c.	
1689	TR20	35.7mg	n.s.s.	8/15	16.0mg	15/35	32.0mg	14/35		
a	TR20	n.s.s.	n.s.s.	0/15	16.0mg	0/35	32.0mg	0/35	liv:hpa,hpc,nnd.	
1690	TR20	13.1mg	61.0mg	0/15	12.8mg	6/35	25.6mg	14/35	spl:fbs,fib,srn.	
a	TR20	15.7mg	157.mg	0/15	12.8mg	6/35	25.6mg	10/35		
b	TR20	8.91mg	n.s.s.	6/15	12.8mg	23/35	25.6mg	24/35		
c	TR20	n.s.s.	n.s.s.	0/15	12.8mg	0/35	25.6mg	0/35	liv:hpa,hpc,nnd.	
1691	TR20	13.1mg	42.8mg	0/45p	12.8mg	6/35	25.6mg	14/35	spl:fbs,fib,srn.	
a	TR20	15.7mg	62.2mg	0/45p	12.8mg	6/35	25.6mg	10/35		
b	TR20	16.9mg	1.09gm	0/45p	12.8mg	4/35	(25.6mg	0/35)		S
c	TR20	27.8mg	202.mg	0/45p	12.8mg	5/35	25.6mg	6/35	per:fbs,srn.	
d	TR20	38.7mg	n.s.s.	0/45p	12.8mg	4/35	25.6mg	3/35		S
e	TR20	50.0mg	n.s.s.	0/45p	12.8mg	1/35	25.6mg	3/35		
f	TR20	50.0mg	n.s.s.	0/45p	12.8mg	0/35	25.6mg	3/35		
g	TR20	50.7mg	n.s.s.	0/45p	12.8mg	0/35	25.6mg	3/35		
o,p'-DDD 53-19-0										
1692	1202	51.4mg	n.s.s.	1/17	78.4mg	3/18			Innes;ntis,1968/1969	
a	1202	155.mg	n.s.s.	0/17	78.4mg	0/18				
b	1202	31.8mg	n.s.s.	2/17	78.4mg	6/18				
1693	1202	52.0mg	n.s.s.	2/18	73.0mg	3/18				
a	1202	76.1mg	n.s.s.	0/18	73.0mg	1/18				
b	1202	86.3mg	n.s.s.	1/18	73.0mg	1/18				
c	1202	37.2mg	n.s.s.	3/18	73.0mg	5/18				
1694	1202	155.mg	n.s.s.	0/16	78.4mg	0/18				
a	1202	155.mg	n.s.s.	0/16	78.4mg	0/18				
b	1202	155.mg	n.s.s.	0/16	78.4mg	0/18				
1695	1202	30.9mg	1.80gm	0/16	73.0mg	5/18				
a	1202	44.2mg	n.s.s.	0/16	73.0mg	3/18				
b	1202	76.1mg	n.s.s.	0/16	73.0mg	1/18				
c	1202	17.8mg	111.mg	0/16	73.0mg	9/18				
p,p'-DDD (TDE) 72-54-8										
1696	TR131	40.9mg	n.s.s.	2/20	45.5mg	13/50	(89.7mg	6/50)		
a	TR131	201.mg	n.s.s.	0/20	45.5mg	2/50	89.7mg	4/50	liv:hpa,hpc,nnd.	
b	TR131	240.mg	n.s.s.	0/20	45.5mg	4/50	89.7mg	1/50	lun:a/a,a/c.	
1697	79	40.7mg	n.s.s.	0/16	41.4mg	1/17			Innes;ntis,1968/1969	
a	79	77.4mg	n.s.s.	0/16	41.4mg	0/17				
b	79	40.7mg	n.s.s.	0/16	41.4mg	1/17				
1698	TR131	53.0mg	n.s.s.	8/20	42.0mg	19/50	84.0mg	19/50		
a	TR131	48.5mg	n.s.s.	2/20	42.0mg	12/50	84.0mg	14/50	liv:hpa,hpc,nnd.	
b	TR131	173.mg	n.s.s.	1/20	42.0mg	4/50	84.0mg	2/50	lun:a/a,a/c.	
1699	79	16.3mg	950.mg	0/16	38.5mg	5/18			Innes;ntis,1968/1969	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	79	29.4mg	n.s.s.	0/16	38.5mg	2/18					
b	79	14.0mg	212.mg	0/16	38.5mg	6/18					
1700	79	20.7mg	n.s.s.	1/17	41.4mg	4/17					
a	79	77.4mg	n.s.s.	0/17	41.4mg	0/17					
b	79	13.2mg	n.s.s.	2/17	41.4mg	7/17					
1701	79	19.0mg	n.s.s.	2/18	38.5mg	4/16					
a	79	67.8mg	n.s.s.	1/18	38.5mg	0/16					
b	79	13.9mg	n.s.s.	3/18	38.5mg	6/16					
1702	80	21.8mg	115.mg	37/97	32.5mg	43/60				Tomatis;jnci,52,883-891;1974	
a	80	328.mg	n.s.s.	1/97	32.5mg	1/60					
b	80	18.5mg	n.s.s.	79/97	32.5mg	53/60					
1703	80	13.5mg	68.6mg	53/101	30.0mg	51/60					
a	80	37.6mg	n.s.s.	33/101	30.0mg	31/60					
b	80	9.92mg	n.s.s.	89/101	30.0mg	57/60					
1704	TR131	59.0mg	n.s.s.	17/20	29.0mg	35/50	59.0mg	36/50			
a	TR131	295.mg	n.s.s.	1/20	29.0mg	0/50	59.0mg	3/50		liv:hpa,hpc,nnd.	
1705	TR131	35.9mg	n.s.s.	1/20	45.6mg	16/50	(91.2mg)	11/50		thy:fca,fcc.	
a	TR131	25.3mg	n.s.s.	7/20	45.6mg	33/50	(91.2mg)	25/50			
b	TR131	450.mg	n.s.s.	1/20	45.6mg	1/50	91.2mg	2/50		liv:hpa,hpc,nnd.	
p,p'-DDE 72-55-9											
1706	1556	166.mg	1.76gm	0/31	52.3mg	4/26	105.mg	5/24		Rossi;canr,43,776-781;1983	
a	1556	205.mg	n.s.s.	2/42	52.3mg	7/39	105.mg	8/39			
b	1556	1.13gm	n.s.s.	2/42	52.3mg	0/39	105.mg	1/39			
c	1556	163.mg	n.s.s.	13/42	52.3mg	13/39	105.mg	16/39			
1707	1556	77.0mg	n.s.s.	0/10	46.0mg	7/15	92.0mg	8/24			
a	1556	273.mg	n.s.s.	1/31	46.0mg	0/30	92.0mg	0/39			
b	1556	136.mg	n.s.s.	15/31	46.0mg	11/30	92.0mg	20/39			
1708	TR131	6.69mg	14.3mg	0/20	15.6mg	19/50	28.6mg	34/50			
a	TR131	7.31mg	32.8mg	5/20	15.6mg	25/50	28.6mg	35/50			
b	TR131	6.69mg	14.3mg	0/20	15.6mg	19/50	28.6mg	34/50		liv:hpa,hpc,nnd.	
c	TR131	n.s.s.	n.s.s.	0/20	15.6mg	0/50	28.6mg	0/50		lun:a/a,a/c.	
1709	TR131	6.68mg	n.s.s.	0/20	15.6mg	7/50	26.4mg	17/50			
a	TR131	4.86mg	n.s.s.	0/20	15.6mg	15/50	26.4mg	22/50			
b	TR131	6.68mg	n.s.s.	0/20	15.6mg	7/50	26.4mg	17/50		liv:hpa,hpc,nnd.	
c	TR131	35.8mg	n.s.s.	0/20	15.6mg	1/50	26.4mg	2/50		lun:a/a,a/c.	
1710	80	6.80mg	16.3mg	1/97	32.5mg	54/60				Tomatis;jnci,52,883-891;1974	
a	80	231.mg	n.s.s.	37/97	32.5mg	9/60					
b	80	8.34mg	32.3mg	48/97	32.5mg	54/60					
1711	80	18.4mg	103.mg	33/101	30.0mg	39/60					
a	80	136.mg	n.s.s.	53/101	30.0mg	19/60					
b	80	35.9mg	n.s.s.	89/101	30.0mg	48/60					
1712	TR131	15.5mg	n.s.s.	2/20	8.40mg	9/50	14.4mg	12/50		thy:fca,fcc. S	
a	TR131	9.00mg	n.s.s.	16/20	8.40mg	36/50	14.4mg	29/50			
b	TR131	n.s.s.	n.s.s.	0/20	8.40mg	0/50	14.4mg	0/50		liv:hpa,hpc,nnd.	
1713	TR131	13.6mg	n.s.s.	9/20	12.0mg	21/50	23.2mg	20/50			
a	TR131	n.s.s.	n.s.s.	0/20	12.0mg	0/50	23.2mg	0/50		liv:hpa,hpc,nnd.	
DDT 50-29-3											
1714	2596	51.9mg	n.s.s.	0/30	26.1mg	0/30	52.3mg	0/30	105.mg	0/30	Graillet;ejtx,8,353-359;1975
1715	2596	45.7mg	n.s.s.	0/30	23.0mg	0/30	46.0mg	0/30	92.0mg	0/30	
1716	1179	59.9mg	n.s.s.	0/39	13.1mg	0/28	26.1mg	0/28	52.3mg	0/40	Cabral;tumo,68,5-10;1982
a	1179	154.mg	n.s.s.	5/39	13.1mg	3/28	26.1mg	2/28	52.3mg	8/40	
1717	1400	34.8mg	n.s.s.	3/6	28.5mg	3/17					Agthe;pseb,134,113-116;1970
1718	1556	152.mg	3.14gm	2/42	105.mg	10/36					Rossi;canr,43,776-781;1983
a	1556	551.mg	n.s.s.	0/42	105.mg	1/36					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
b	1556	1.03gm	n.s.s.	2/42	105.mg	0/36										
c	1556	158.mg	n.s.s.	13/42	105.mg	14/36										
1719	1179	94.1mg	n.s.s.	0/40	11.5mg	0/30	23.0mg	3/31	(46.0mg	0/39)				Cabral;tumo,68,5-10;1982		
a	1179	68.7mg	n.s.s.	3/40	11.5mg	5/30	23.0mg	8/31	46.0mg	11/39						
1720	1400	34.1mg	n.s.s.	0/11	26.0mg	3/30								Agthe;pseb,134,113-116;1970		
1721	1556	883.mg	n.s.s.	0/31	92.0mg	0/35								Rossi;canr,43,776-781;1983		
a	1556	883.mg	n.s.s.	1/31	92.0mg	0/35										
b	1556	167.mg	n.s.s.	15/31	92.0mg	15/35										
1722	TR131	29.8mg	n.s.s.	0/20	9.50mg	3/50	19.5mg	7/50								S
a	TR131	22.4mg	n.s.s.	2/20	9.50mg	8/50	19.5mg	10/50								
b	TR131	52.1mg	n.s.s.	0/20	9.50mg	1/50	19.5mg	3/50						liv:hpa,hpc,nnd.		
c	TR131	n.s.s.	n.s.s.	0/20	9.50mg	1/50	19.5mg	0/50						lun:a/a,a/c.		
1723	133	10.7mg	n.s.s.	0/16	19.3mg	4/18								Innes;ntis,1968/1969		
a	133	42.3mg	n.s.s.	0/16	19.3mg	0/18										
b	133	9.05mg	526.mg	0/16	19.3mg	5/18										
1724	TR131	.345mg	n.s.s.	4/20	2.30mg	6/50	(4.40mg	4/50)								
a	TR131	4.67mg	n.s.s.	2/20	2.30mg	1/50	4.40mg	1/50						liv:hpa,hpc,nnd.		
b	TR131	4.67mg	n.s.s.	1/20	2.30mg	1/50	4.40mg	0/50						lun:a/a,a/c.		
1725	133	4.24mg	23.7mg	0/16	17.9mg	10/18								Innes;ntis,1968/1969		
a	133	20.7mg	n.s.s.	0/16	17.9mg	1/18										
b	133	20.7mg	n.s.s.	0/16	17.9mg	1/18										
c	133	3.72mg	19.2mg	0/16	17.9mg	11/18										
1726	133	7.78mg	106.mg	0/17	19.3mg	6/18										
a	133	22.2mg	n.s.s.	0/17	19.3mg	1/18										
b	133	42.3mg	n.s.s.	1/17	19.3mg	0/18										
c	133	7.42mg	n.s.s.	2/17	19.3mg	7/18										
1727	133	6.56mg	n.s.s.	1/18	17.9mg	7/18										
a	133	18.5mg	n.s.s.	2/18	17.9mg	2/18										
b	133	6.21mg	n.s.s.	3/18	17.9mg	8/18										
1728	88	37.8mg	101.mg	0/50	.260mg	0/58	2.60mg	1/50	32.5mg	28/57				Terracini;ijcn,11,747-764;1973		
a	88	238.mg	n.s.s.	20/62	.260mg	20/63	2.60mg	20/61	32.5mg	14/63						
b	88	73.1mg	n.s.s.	56/62	.260mg	51/63	2.60mg	48/61	32.5mg	48/63						
1729	89	3.06mg	13.0mg	10/44	12.6mg	26/30								Thorpe;fctx,11,433-442;1973		
a	89	10.2mg	47.1mg	0/44	12.6mg	12/30										
b	89	40.4mg	n.s.s.	27/44	12.6mg	9/30										
1730	90	28.1mg	71.8mg	2/56	.260mg	3/56	1.30mg	2/59	6.50mg	7/55	32.5mg	31/49		Tomatis;ijcn,10,489-506;1972		
a	90	47.7mg	n.s.s.	13/56	.260mg	17/56	1.30mg	22/59	6.50mg	23/55	32.5mg	23/49				
b	90	334.mg	n.s.s.	2/56	.260mg	8/56	1.30mg	3/59	6.50mg	4/55	32.5mg	2/49				
c	90	20.1mg	n.s.s.	45/56	.260mg	50/56	1.30mg	52/59	6.50mg	48/55	32.5mg	44/49				
1731	103	5.53mg	18.6mg	8/47	6.50mg	15/30	13.0mg	24/32						Walker;fctx,11,415-432;1973		
a	103	31.2mg	895.mg	0/47	6.50mg	2/30	13.0mg	4/32								
b	103	52.1mg	n.s.s.	19/47	6.50mg	6/30	13.0mg	7/32								
c	103	48.8mg	n.s.s.	3/47	6.50mg	5/30	13.0mg	1/32								
1732	1012	16.7mg	99.9mg	1/90	8.13mg	11/54								Tomatis;zkko,82,25-35;1974		
a	1012	13.0mg	n.s.s.	77/90	8.13mg	41/54										
1733	1012m	13.2mg	64.3mg	0/72	10.3mg	11/55										
a	1012m	4.65mg	n.s.s.	52/72	10.3mg	44/55										
1734	1012n	18.0mg	5.13gm	0/69	15.0mg	4/54										
a	1012n	9.20mg	n.s.s.	27/69	15.0mg	22/54										
1735	89	4.17mg	21.3mg	11/45	11.7mg	23/30								Thorpe;fctx,11,433-442;1973		
a	89	13.1mg	195.mg	2/45	11.7mg	9/30										
b	89	29.5mg	n.s.s.	27/45	11.7mg	11/30										
1736	90	19.4mg	86.6mg	12/55	.240mg	25/58	1.20mg	28/53	6.00mg	24/53	30.0mg	38/50		Tomatis;ijcn,10,489-506;1972		
a	90	151.mg	n.s.s.	23/55	.240mg	38/58	1.20mg	29/53	6.00mg	27/53	30.0mg	19/50				
b	90	24.9mg	n.s.s.	46/55	.240mg	53/58	1.20mg	48/53	6.00mg	49/53	30.0mg	44/50				
1737	103	8.40mg	43.3mg	6/47	6.00mg	12/32	12.0mg	17/32						Walker;fctx,11,415-432;1973		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	103	29.6mg	n.s.s.	0/47	6.00mg	3/32	12.0mg	3/32			
b	103	12.9mg	n.s.s.	18/47	6.00mg	13/32	12.0mg	16/32			
c	103	30.6mg	n.s.s.	0/47	6.00mg	0/32	12.0mg	0/32			
1738	1012	6.40mg	53.1mg	33/98	7.50mg	37/60				Tomatis;zkko,82,25-35;1974	
a	1012	8.22mg	n.s.s.	83/98	7.50mg	49/60					
1739	1012m	3.86mg	15.9mg	24/83	9.47mg	41/60					
a	1012m	1.90mg	n.s.s.	65/83	9.47mg	56/60					
1740	1012n	2.76mg	9.13mg	12/70	13.8mg	38/60					
a	1012n	2.39mg	n.s.s.	42/70	13.8mg	48/60					
1741	2176m	8.35mg	n.s.s.	2/30	13.0mg	8/30				Kashyap;ijcn,19,725-729;1977/pers.comm.	
a	2176m	15.1mg	n.s.s.	0/30	13.0mg	3/30					
b	2176m	16.3mg	n.s.s.	1/30	13.0mg	3/30					
c	2176m	4.68mg	138.mg	5/30	13.0mg	15/30					
1742	2176n	4.59mg	n.s.s.	2/30	7.14mg	8/30					
a	2176n	6.37mg	n.s.s.	1/30	7.14mg	5/30					
b	2176n	6.98mg	n.s.s.	0/30	7.14mg	4/30					
c	2176n	1.64mg	9.24mg	5/30	7.14mg	20/30					
1743	2176m	7.70mg	n.s.s.	2/30	12.0mg	8/30					
a	2176m	8.51mg	n.s.s.	4/30	12.0mg	8/30					
b	2176m	12.5mg	n.s.s.	1/30	12.0mg	4/30					
c	2176m	2.52mg	30.6mg	10/30	12.0mg	22/30					
1744	2176n	5.87mg	n.s.s.	2/30	7.14mg	6/30					
a	2176n	5.77mg	n.s.s.	4/30	7.14mg	7/30					
b	2176n	11.3mg	n.s.s.	1/30	7.14mg	2/30					
c	2176n	3.09mg	n.s.s.	10/30	7.14mg	15/30					
1745	2003	2.70mg	n.s.s.	0/3	9.95mg	1/2				Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.	
a	2003	8.11mg	n.s.s.	0/10	9.95mg	1/5					
b	2003	17.1mg	n.s.s.	0/13	9.95mg	1/10					
c	2003	21.0mg	n.s.s.	1/25	9.95mg	1/12					
d	2003	3.57mg	n.s.s.	4/25	9.95mg	4/12					
e	2003	4.77mg	n.s.s.	2/25	9.95mg	2/12					
f	2003	5.33mg	n.s.s.	3/15	9.95mg	2/10					
1746	2003	7.35mg	n.s.s.	6/29	10.8mg	1/5					
a	2003	8.99mg	n.s.s.	12/108	10.8mg	1/11					
1747	TR131	16.8mg	n.s.s.	16/20	7.40mg	38/50	15.0mg	27/50			
a	TR131	n.s.s.	n.s.s.	0/20	7.40mg	0/50	15.0mg	0/50		liv:hpa,hpc,nnd. Deichmann;txap,11,88-103;1967	
1748	21	41.7mg	n.s.s.	0/30	10.0mg	1/30					
a	21	24.3mg	n.s.s.	13/30	10.0mg	9/30					
1749	84a	24.7mg	n.s.s.	1/30	4.00mg	0/30				Radomski;txap,7,652-656;1965	
1750	TR131	14.2mg	n.s.s.	10/20	8.80mg	29/50	18.4mg	32/50			
a	TR131	n.s.s.	n.s.s.	0/20	8.80mg	0/50	18.4mg	0/50		liv:hpa,hpc,nnd. Deichmann;txap,11,88-103;1967	
1751	21	62.6mg	n.s.s.	0/30	8.00mg	0/30					
a	21	37.8mg	n.s.s.	1/30	8.00mg	1/30					
1752	84a	19.8mg	n.s.s.	0/30	3.20mg	0/30				Radomski;txap,7,652-656;1965	
1753	1457	.148mg	n.s.s.	0/6	.360mg	0/6				Cameron;bmj1,2,819-821;1951	
1754	1803	17.6mg	n.s.s.	2/28	14.0mg	6/28				Shivapurkar;carc,7,547-550;1986	
1755	1178	74.0mg	552.mg	0/38	6.25mg	2/30	12.5mg	4/30	25.0mg	7/38	
a	1178	47.0mg	n.s.s.	32/38	6.25mg	26/30	12.5mg	27/30	25.0mg	27/38	
1756	1178	174.mg	n.s.s.	1/38	5.00mg	0/30	10.0mg	1/30	20.0mg	2/38	
a	1178	24.5mg	n.s.s.	20/38	5.00mg	19/30	10.0mg	18/30	20.0mg	25/38	
1757	85	31.1mg	122.mg	0/32	25.0mg	15/34					
a	85	29.5mg	n.s.s.	19/35	25.0mg	23/35				Rossi;ijcn,19,179-185;1977	
1758	85	43.5mg	272.mg	0/35	20.0mg	9/36					
a	85	42.6mg	n.s.s.	19/36	20.0mg	19/37					

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
1776	2057	11.8mg	85.1mg	0/8	180.mg	12/13				Rao;canr,52,2977-2979;1992a/Rao 1992b/pers.comm.	
a	2057	18.4mg	114.mg	0/8	180.mg	11/13					
b	2057	315.mg	n.s.s.	8/8	180.mg	0/13					
1777	2567	16.2mg	102.mg	0/10	180.mg	15/16				Rao;clet,125,111-116;1998/pers.comm.	
a	2567	16.2mg	102.mg	0/10	180.mg	15/16					
b	2567	32.1mg	163.mg	0/10	180.mg	13/16					
DEHYDROEPIANDROSTERONE SULFATE 651-48-9											
1778	2641	63.0mg	n.s.s.	2/20	20.0mg	8/39				Miller;jags,47,960-966;1999/pers.comm.	
a	2641	103.mg	n.s.s.	4/20	20.0mg	6/39					
b	2641	8.83mg	n.s.s.	19/20	20.0mg	37/39					
1779	2641	20.1mg	n.s.s.	9/30	16.7mg	13/26					
a	2641	53.6mg	n.s.s.	11/30	16.7mg	7/26					
b	2641	14.7mg	n.s.s.	28/30	16.7mg	22/26					
DELTAMETHRIN 52918-63-5											
1780	1965	13.7mg	n.s.s.	19/50	.652mg	12/30	2.61mg	17/30	5.21mg	15/50	Cabral;clet,49,147-152;1990/pers.comm.
a	1965	53.4mg	n.s.s.	2/50	.652mg	1/30	2.61mg	2/30	5.21mg	0/50	
b	1965	53.4mg	n.s.s.	2/50	.652mg	1/30	2.61mg	2/30	5.21mg	0/50	
c	1965	13.0mg	n.s.s.	22/50	.652mg	14/30	2.61mg	20/30	5.21mg	17/50	
1781	1965	29.6mg	n.s.s.	2/50	.652mg	3/30	2.61mg	3/30	5.21mg	2/50	
a	1965	32.0mg	n.s.s.	4/50	.652mg	2/30	2.61mg	0/30	5.21mg	4/50	
b	1965	28.3mg	n.s.s.	25/50	.652mg	10/30	2.61mg	11/30	5.21mg	11/50	
1782	1965	7.94mg	1.16gm	4/50	1.95mg	4/50	3.91mg	14/50			
a	1965	16.1mg	n.s.s.	0/50	1.95mg	0/50	3.91mg	0/50			
b	1965	4.68mg	n.s.s.	30/50	1.95mg	25/50	3.91mg	32/50			
1783	1965	2.25mg	28.9mg	6/50	1.95mg	19/50	(3.91mg)	10/50)			
a	1965	16.1mg	n.s.s.	0/50	1.95mg	0/50	3.91mg	0/50			
b	1965	14.7mg	n.s.s.	23/50	1.95mg	22/50	3.91mg	14/50			
DEOXYNIVALENOL (3-alpha,7-alpha,15-trihydroxy-12-13-epoxytrichothecene-9-en-8-one) 51481-10-8											
1784	2359	8.78mg	n.s.s.	8/50	.120mg	8/48	.600mg	6/50	1.20mg	2/48	Iverson;tcam,15,283-306;1995
a	2359	11.2mg	n.s.s.	7/50	.120mg	4/48	.600mg	3/50	1.20mg	1/48	
DESERPIDINE 131-01-1											
1785	1188	.272mg	n.s.s.	17/130	.100mg	36/230				Tuchmann-Duplessis;adsc,254,1535-1537;1962	
DEXAMETHAZONE 50-02-2											
1786	2192	37.8ug	n.s.s.	0/10	73.5ug	0/10				Shibata;carc,14,1265-1269;1993/pers.comm.	
DEXTRAN 9004-54-0											
1787	1540	494.mg	n.s.s.	0/20	1.25gm	3/15				Hirono;clet,18,29-34;1983	
1788	1540	540.mg	n.s.s.	1/20	1.00gm	2/15					
DEXTRAN SULFATE SODIUM (DS-M-1) (mol. wt. = 54,000) 9011-18-1											
1789	1482	110.mg	361.mg	0/20	450.mg	22/30				Hirono;carc,3,353-355;1982	
a	1482	181.mg	691.mg	0/20	450.mg	16/30					
b	1482	607.mg	n.s.s.	0/20	450.mg	4/30					
1790	1540	103.mg	525.mg	0/20	1.25gm	13/16				Hirono;clet,18,29-34;1983	
a	1540	174.mg	982.mg	0/20	1.25gm	10/16					
b	1540	368.mg	5.89gm	0/20	1.25gm	5/16					
c	1540	437.mg	31.1gm	0/20	1.25gm	4/16					
d	1540	532.mg	n.s.s.	0/20	1.25gm	3/16					
1791	1540	84.0mg	452.mg	0/20	1.00gm	12/15					
a	1540	197.mg	1.53gm	0/20	1.00gm	7/15					
b	1540	502.mg	n.s.s.	0/20	1.00gm	2/15					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
c	1540	419.mg	n.s.s.	1/20	1.00gm	3/15				
DEXTRAN SULFATE SODIUM (DST-H) (mol. wt. = 9500) 9011-18-1										
	1792	1540	628.mg	n.s.s.	0/20	1.25gm	2/15		Hirono;clet,18,29-34;1983	
	1793	1540	691.mg	n.s.s.	0/20	1.00gm	1/15			
DEXTRAN SULFATE SODIUM (KMDS-H) (mol. wt. = 520,000) 9011-18-1										
	1794	1540	494.mg	n.s.s.	0/20	1.25gm	3/15		Hirono;clet,18,29-34;1983	
	1795	1540	691.mg	n.s.s.	0/20	1.00gm	1/15			
N-1-DIACETAMIDOFLUORENE 63019-65-8										
	1796	144	3.14mg	n.s.s.	2/18	7.21mg	7/16		Morris;jnci,24,149-180;1960	
	a	144	5.74mg	n.s.s.	0/18	7.21mg	3/16			
	b	144	9.96mg	n.s.s.	0/18	7.21mg	1/16			
	c	144	9.96mg	n.s.s.	0/18	7.21mg	1/16			
DIACETYL HYDRAZINE 3148-73-0										
	1797	1661m	59.0mg	n.s.s.	3/20	22.9mg	0/15		Bhide;clet,23,235-240;1984/pers.comm.	
	1798	1661n	29.5mg	n.s.s.	3/20	11.4mg	0/15			
	1799	1661m	43.8mg	n.s.s.	2/20	19.0mg	0/15	26.2mg		3/15
	1800	1661n	10.9mg	n.s.s.	2/20	9.52mg	2/15			
DIALATE (avadex) 2303-16-4										
	1801	1219	84.0mg	n.s.s.	0/17	77.8mg	1/15		Innes;ntis,1968/1969	
	a	1219	94.1mg	n.s.s.	1/17	77.8mg	1/15			
	b	1219	73.2mg	n.s.s.	2/17	77.8mg	2/15			
	1802	1219	19.5mg	172.mg	1/18	72.5mg	10/18			
	a	1219	50.7mg	n.s.s.	2/18	72.5mg	4/18			
	b	1219	15.6mg	210.mg	3/18	72.5mg	12/18			
	1803	1219	49.4mg	n.s.s.	0/16	77.9mg	3/16			
	a	1219	62.5mg	n.s.s.	0/16	77.9mg	2/16			
	b	1219	34.1mg	898.mg	0/16	77.9mg	5/16			
	1804	1219	9.11mg	46.4mg	0/16	72.5mg	13/16			
	a	1219	38.7mg	n.s.s.	0/16	72.5mg	4/16			
	b	1219	7.03mg	37.3mg	0/16	72.5mg	14/16			
DIALLYL PHTHALATE 131-17-9										
	1805	TR242	826.mg	n.s.s.	0/50	104.mg	1/50	208.mg	2/50	
	a	TR242	215.mg	n.s.s.	31/50	104.mg	28/50	208.mg	32/50	
	b	TR242	736.mg	n.s.s.	1/50	104.mg	2/50	208.mg	3/50	
	c	TR242	911.mg	n.s.s.	1/50	104.mg	0/50	208.mg	3/50	liv:hpa,hpc,nnd. lun:a/a,a/c.
	1806	TR242	304.mg	n.s.s.	6/50	104.mg	5/50	208.mg	12/50	
	a	TR242	740.mg	n.s.s.	0/50	104.mg	0/50	208.mg	3/50	
	b	TR242	744.mg	n.s.s.	0/50	104.mg	1/50	208.mg	2/50	S
	c	TR242	180.mg	n.s.s.	23/50	104.mg	23/50	208.mg	26/50	
	d	TR242	517.mg	n.s.s.	7/50	104.mg	5/50	208.mg	7/50	liv:hpa,hpc,nnd. lun:a/a,a/c.
	e	TR242	587.mg	n.s.s.	5/50	104.mg	4/50	208.mg	5/50	
	1807	TR284	58.3mg	n.s.s.	15/50	35.5mg	15/50	71.1mg	25/50	
	a	TR284	37.9mg	n.s.s.	41/50	35.5mg	37/50	71.1mg	42/50	
	b	TR284	371.mg	n.s.s.	5/50	35.5mg	0/50	71.1mg	3/50	liv:hpa,hpc,nnd.
	1808	TR284	61.9mg	n.s.s.	36/50	35.5mg	37/50	71.1mg	29/50	
	a	TR284	542.mg	n.s.s.	2/50	35.5mg	0/50	71.1mg	1/50	liv:hpa,hpc,nnd.
1,1-DIALLYLHYDRAZINE 5164-11-4										
	1809	1676	20.6mg	70.2mg	25/99	62.5mg	38/50		Toth;acnr,1,259-262;1981	
	a	1676	22.6mg	74.3mg	20/99	62.5mg	36/50			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
	b	1676	58.3mg	312.mg	6/99	62.5mg	17/50				
	c	1676	105.mg	n.s.s.	4/61	62.5mg	7/41				
	d	1676	421.mg	n.s.s.	5/67	62.5mg	1/47				
	e	1676	336.mg	n.s.s.	3/61	62.5mg	1/41				
1810	1676	15.0mg	53.2mg	26/96	52.1mg	38/50					
	a	1676	17.9mg	58.3mg	16/96	52.1mg	34/50				
	b	1676	22.8mg	80.1mg	12/96	52.1mg	29/50				
	c	1676	27.0mg	97.4mg	0/63	52.1mg	17/38				
	d	1676	120.mg	n.s.s.	4/68	52.1mg	4/42				
	e	1676	254.mg	n.s.s.	7/63	52.1mg	1/38				
1,2-DIALLYLHYDRAZINE.2HCl 26072-78-6											
1811	1531	20.0mg	63.9mg	25/99	125.mg	40/47				Toth;onco,39,104-108;1982	
	a	1531	28.4mg	93.7mg	20/99	125.mg	35/47				
	b	1531	46.2mg	154.mg	6/99	125.mg	25/47				
	c	1531	66.3mg	n.s.s.	0/5	125.mg	1/8				
	d	1531	389.mg	n.s.s.	3/32	125.mg	1/33				
	e	1531	328.mg	n.s.s.	1/32	125.mg	1/33				
1812	1531	20.2mg	65.8mg	26/100	104.mg	40/50					
	a	1531	21.8mg	64.0mg	16/100	104.mg	38/50				
	b	1531	35.3mg	122.mg	12/100	104.mg	29/50				
	c	1531	290.mg	n.s.s.	6/52	104.mg	2/36				
	d	1531	202.mg	n.s.s.	4/47	104.mg	2/29				
DIALLYLNITROSAMINE 16338-97-9											
1813	1826	1.86mg	5.49mg	0/30	3.11mg	11/28	6.21mg	8/27	12.4mg	15/27	Grandjean;jnci,74,1043-1046;1985/pers.comm.
	a	1826	1.85mg	4.74mg	0/30	3.11mg	1/28	6.21mg	13/27	12.4mg	18/27
	b	1826	2.33mg	11.8mg	0/30	3.11mg	13/28	6.21mg	1/27	12.4mg	14/27
	c	1826	9.60mg	n.s.s.	0/30	3.11mg	1/28	6.21mg	3/27	12.4mg	1/27
	d	1826	n.s.s.	n.s.s.	1/30	3.11mg	1/28	6.21mg	1/27	12.4mg	1/27
	e	1826	23.6mg	n.s.s.	0/30	3.11mg	1/28	6.21mg	0/27	12.4mg	0/27
	f	1826	.933mg	3.37mg	7/30	3.11mg	18/28	6.21mg	16/27	12.4mg	24/27
1814	1714	20.9mg	53.2mg	0/20	20.0mg	6/20	40.0mg	17/20	80.0mg	13/20	Pour;zsko,109,5-8;1985
	a	1714	21.8mg	56.3mg	0/20	20.0mg	6/20	40.0mg	16/20	80.0mg	13/20
1815	1714	19.7mg	75.0mg	0/20	20.0mg	0/20	40.0mg	16/20	80.0mg	15/20	
	a	1714	29.0mg	81.8mg	0/20	20.0mg	0/20	40.0mg	13/20	80.0mg	14/20
4,6-DIAMINO-2-(5-NITRO-2-FURYL)-s-TRIAZINE 720-69-4											
1816	200a	.895mg	3.23mg	2/39	17.4mg	33/35					Cohen;jnci,51,403-417;1973
	a	200a	2.66mg	8.28mg	0/39	17.4mg	23/35				
	b	200a	50.6mg	n.s.s.	0/39	17.4mg	0/35				
	c	200a	.895mg	3.23mg	2/39	17.4mg	33/35				
4,4'-DIAMINO-2,2'-STILBENEDISULFONIC ACID, DISODIUM SALT 7336-20-1											
1817	TR412	3.18gm	n.s.s.	34/50	803.mg	17/50	1.61gm	24/50			
	a	TR412	12.0gm	n.s.s.	5/50	803.mg	0/50	1.61gm	2/50		liv:hpa,hpc,nnd.
	b	TR412	8.73gm	n.s.s.	13/50	803.mg	3/50	1.61gm	5/50		lun:a/a,a/c.
1818	TR412	1.03gm	n.s.s.	2/50	741.mg	9/50	(1.48gm	6/50)			S
	a	TR412	1.57gm	n.s.s.	23/50	741.mg	24/50	1.48gm	25/50		
	b	TR412	2.47gm	n.s.s.	5/50	741.mg	11/50	1.48gm	8/50		liv:hpa,hpc,nnd.
	c	TR412	5.18gm	n.s.s.	15/50	741.mg	4/50	1.48gm	10/50		lun:a/a,a/c.
1819	TR412	706.mg	n.s.s.	45/50	615.mg	44/50	1.23gm	50/50			
	a	TR412	9.09gm	n.s.s.	3/50	615.mg	0/50	1.23gm	1/50		liv:hpa,hpc,nnd.
1820	TR412	499.mg	n.s.s.	44/50	492.mg	46/50	984.mg	49/50			
	a	TR412	1.68gm	n.s.s.	1/50	492.mg	1/50	984.mg	5/50		liv:hpa,hpc,nnd.

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
2,4-DIAMINOANISOLE SULFATE 39156-41-7										
1821	TR84	116.mg	2.51gm	7/100	126.mg	14/50	(253.mg	9/50)		S
a	TR84	480.mg	3.18gm	0/100	126.mg	0/50	253.mg	8/50	thy:fca,fcc.	
b	TR84	591.mg	5.87gm	0/100	126.mg	0/50	253.mg	6/50		
c	TR84	145.mg	n.s.s.	30/100	126.mg	25/50	253.mg	30/50		
d	TR84	1.03gm	n.s.s.	2/100	126.mg	1/50	253.mg	2/50	liv:hpa,hpc,nnd.	
e	TR84	716.mg	n.s.s.	7/100	126.mg	5/50	253.mg	4/50	lun:a/a,a/c.	
1822	TR84	383.mg	2.47gm	1/100	116.mg	0/50	234.mg	11/50		
a	TR84	148.mg	n.s.s.	39/100	116.mg	24/50	234.mg	33/50		
b	TR84	296.mg	n.s.s.	15/100	116.mg	14/50	234.mg	12/50	liv:hpa,hpc,nnd.	
c	TR84	480.mg	n.s.s.	16/100	116.mg	3/50	234.mg	12/50	lun:a/a,a/c.	
1823	TR84	155.mg	785.mg	3/100	44.0mg	1/50	182.mg	14/50	thy:acn,fcc,pcn; zym:sec.	C
a	TR84	191.mg	1.11gm	0/100	44.0mg	4/50	182.mg	5/50	cli:can; utm:acn,can,ppc.	S
b	TR84	184.mg	2.88gm	3/100	44.0mg	5/50	182.mg	8/50	cli:adn,can,cyn,sql,sql.	S
c	TR84	195.mg	1.62gm	3/100	44.0mg	1/50	182.mg	10/50	thy:acn,fcc,pcn.	
d	TR84	284.mg	2.08gm	0/100	44.0mg	0/50	182.mg	7/50		
e	TR84	65.1mg	n.s.s.	70/100	44.0mg	44/50	182.mg	37/50		
f	TR84	773.mg	n.s.s.	2/100	44.0mg	0/50	182.mg	1/50	liv:hpa,hpc,nnd.	
1824	1027	68.8mg	206.mg	0/37	60.0mg	8/47	120.mg	15/33	(250.mg	9/40) Evarts;jnci,65,197-204;1980
a	1027	91.4mg	336.mg	0/37	60.0mg	5/47	120.mg	12/33	(250.mg	9/40)
b	1027	107.mg	267.mg	1/37	60.0mg	2/47	120.mg	3/33	250.mg	31/40
c	1027	178.mg	545.mg	0/37	60.0mg	0/47	120.mg	1/33	250.mg	21/40
d	1027	297.mg	n.s.s.	2/37	60.0mg	7/47	120.mg	8/33	250.mg	5/40
e	1027	47.3mg	103.mg	3/37	60.0mg	14/47	120.mg	19/33	250.mg	36/40
1825	TR84	48.0mg	123.mg	4/99	35.2mg	11/50	146.mg	36/50	eac:sec,sql; ear:sql; pre:adn,can,cyn,ppa; ski:bcc,sec; thy:acn,ccr,fcc,pac,pcn; zym:sec.	C
a	TR84	107.mg	430.mg	2/99	35.2mg	2/50	146.mg	17/50	thy:acn,fcc,pac,pcn.	
b	TR84	131.mg	648.mg	2/99	35.2mg	1/50	146.mg	14/50		
c	TR84	154.mg	1.27gm	2/99	35.2mg	4/50	146.mg	10/50	thy:cca,ccr.	
d	TR84	171.mg	954.mg	0/99	35.2mg	2/50	146.mg	8/50	pre:adn,can,cyn,ppa.	
e	TR84	177.mg	875.mg	0/99	35.2mg	2/50	146.mg	9/50	ski:bcc,sec,sql.	
f	TR84	228.mg	2.44gm	0/99	35.2mg	2/50	146.mg	5/50	pre:adn,cyn,ppa.	
g	TR84	305.mg	2.51gm	0/99	35.2mg	1/50	146.mg	6/50	eac:sec,sql; ear:sql; zym:sec.	
h	TR84	57.5mg	n.s.s.	52/99	35.2mg	35/50	146.mg	41/50		
i	TR84	356.mg	n.s.s.	1/99	35.2mg	2/50	146.mg	2/50	liv:hpa,hpc,nnd.	
1826	2024	26.4mg	n.s.s.	0/20	24.4mg	0/21				Hasegawa;carc,12,1515-1518;1991/pers.comm.
a	2024	26.4mg	n.s.s.	0/20	24.4mg	0/21				
4,4'-DIAMINOAZOBENZENE (DAAB) 538-41-0										
1827	1368	75.0mg	n.s.s.	11/40	5.91mg	7/40	17.7mg	11/40	35.5mg	14/39
a	1368	52.2mg	n.s.s.	1/40	5.91mg	0/40	17.7mg	0/40	35.5mg	0/39
1828	1368	70.9mg	n.s.s.	10/39	5.45mg	6/39	16.4mg	10/40	32.7mg	14/40
a	1368	492.mg	n.s.s.	1/39	5.45mg	0/39	16.4mg	1/40	32.7mg	0/40
4,4'-DIAMINOBENZANILIDE (DABA) 785-30-8										
1829	1368	77.8mg	n.s.s.	11/40	5.91mg	13/40	17.7mg	10/38	35.5mg	15/40
a	1368	51.7mg	n.s.s.	1/40	5.91mg	0/40	17.7mg	0/38	35.5mg	0/40
1830	1368	90.6mg	n.s.s.	10/39	5.45mg	17/39	16.4mg	10/40	32.7mg	13/39
a	1368	596.mg	n.s.s.	1/39	5.45mg	1/39	16.4mg	0/40	32.7mg	0/39
2,4-DIAMINOPHENOL.2HCl 137-09-7										
1831	TR401	29.6mg	n.s.s.	24/50	13.4mg	29/50	26.8mg	17/50		
a	TR401	60.1mg	n.s.s.	4/50	13.4mg	7/50	26.8mg	3/50	liv:hpa,hpc,nnd.	
b	TR401	53.3mg	n.s.s.	2/50	13.4mg	5/50	26.8mg	3/50	lun:a/a,a/c.	
1832	TR401	97.0mg	n.s.s.	0/50	13.3mg	0/50	26.7mg	3/50		
a	TR401	30.8mg	n.s.s.	30/50	13.3mg	27/50	26.7mg	31/50		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR401	15.5mg	n.s.s.	15/50	13.3mg	18/50	(26.7mg	8/50)		liv:hpa,hpc,nnd.
c	TR401	53.0mg	n.s.s.	3/50	13.3mg	4/50	26.7mg	7/50		lun:a/a,a/c.
1833	TR401	58.3mg	892.mg	0/50	26.7mg	6/50				
1834	TR401	9.06mg	n.s.s.	40/50	8.78mg	41/50	17.6mg	47/50		
a	TR401	n.s.s.	n.s.s.	0/50	8.78mg	0/50	17.6mg	0/50		liv:hpa,hpc,nnd.
1835	TR401	9.45mg	n.s.s.	44/51	8.80mg	34/50	17.6mg	36/50		
a	TR401	n.s.s.	n.s.s.	0/51	8.80mg	0/50	17.6mg	0/50		liv:hpa,hpc,nnd.

2,4-DIAMINOTOLUENE 95-80-7

1836	TR162	5.93mg	75.5mg	2/20	13.0mg	29/50	(26.0mg	11/50)		---:leu,lym.
a	TR162	17.3mg	99.8mg	0/20	13.0mg	13/50	26.0mg	18/50		
b	TR162	4.52mg	629.mg	5/20	13.0mg	40/50	(26.0mg	26/50)		
c	TR162	17.3mg	99.8mg	0/20	13.0mg	13/50	26.0mg	18/50		liv:hpa,hpc,nnd.
d	TR162	134.mg	n.s.s.	0/20	13.0mg	2/50	26.0mg	0/50		lun:a/a,a/c.
1837	TR162	16.9mg	n.s.s.	0/20	12.0mg	9/50	(24.0mg	6/50)		S
a	TR162	17.4mg	n.s.s.	10/20	12.0mg	31/50	24.0mg	30/50		
b	TR162	34.9mg	n.s.s.	5/20	12.0mg	17/50	24.0mg	13/50		liv:hpa,hpc,nnd.
c	TR162	16.9mg	n.s.s.	0/20	12.0mg	9/50	(24.0mg	6/50)		lun:a/a,a/c.
1838	TR162	.984mg	2.24mg	1/20	3.95mg	34/50	8.55mg	41/50		liv:hpc,nnd; mgl:ade,ade,car. C
a	TR162	1.00mg	2.33mg	1/20	3.95mg	34/50	8.55mg	38/50		
b	TR162	3.14mg	11.5mg	0/20	3.95mg	11/50	8.55mg	14/50		mgl:ade,car.
c	TR162	4.53mg	32.3mg	0/20	3.95mg	9/50	8.55mg	8/50		S
d	TR162	7.85mg	55.9mg	0/20	3.95mg	4/50	8.55mg	10/50		S
e	TR162	23.6mg	n.s.s.	0/20	3.95mg	0/50	8.55mg	6/50		liv:hpc,nnd.
f	TR162	.918mg	2.96mg	13/20	3.95mg	49/50	8.55mg	49/50		
g	TR162	23.6mg	n.s.s.	0/20	3.95mg	0/50	8.55mg	6/50		liv:hpa,hpc,nnd.
1839	TR162	1.50mg	4.48mg	0/20	3.20mg	15/50	7.00mg	19/50		S
a	TR162	3.13mg	18.9mg	0/20	3.20mg	5/50	7.00mg	8/50		S
b	TR162	3.81mg	21.2mg	0/20	3.20mg	5/50	7.00mg	10/50		liv:hpc,nnd.
c	TR162	5.48mg	49.3mg	0/20	3.20mg	3/50	7.00mg	8/50		S
d	TR162	.627mg	1.85mg	13/20	3.20mg	42/50	7.00mg	44/50		
e	TR162	3.81mg	21.2mg	0/20	3.20mg	5/50	7.00mg	10/50		liv:hpa,hpc,nnd.

2,4-DIAMINOTOLUENE.2HCl (2,4-toluenediamine.2HCl) 636-23-7

1840	381	29.3mg	894.mg	5/22	58.5mg	6/19	(111.mg	2/17)	Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	58.7mg	n.s.s.	1/22	58.5mg	1/19	111.mg	5/17		
b	381	24.6mg	n.s.s.	18/22	58.5mg	12/19	(111.mg	10/17)		
1841	381	65.9mg	3.37gm	1/102p	58.5mg	1/19	111.mg	3/17		
1842	381	54.2mg	n.s.s.	1/18	54.0mg	2/22	103.mg	4/17		
a	381	118.mg	n.s.s.	8/18	54.0mg	1/22	(103.mg	2/17)		
b	381	45.1mg	n.s.s.	13/18	54.0mg	7/22	103.mg	11/17		
1843	381	54.8mg	n.s.s.	7/99p	54.0mg	2/22	103.mg	4/17		
a	381	76.7mg	n.s.s.	5/99p	54.0mg	0/22	103.mg	4/17		
1844	381	2.81mg	10.7mg	0/24	12.4mg	6/19	25.7mg	15/24		
a	381	6.43mg	n.s.s.	0/24	12.4mg	1/19	25.7mg	3/24		
b	381	1.58mg	7.35mg	7/24	12.4mg	12/19	25.7mg	20/24		
1845	381	2.27mg	10.2mg	14/111p	12.4mg	6/19	25.7mg	15/24		
a	381	5.70mg	263.mg	2/111p	12.4mg	1/19	25.7mg	3/24		

2,6-DIAMINOTOLUENE.2HCl (2,6-toluenediamine.2HCl) 15481-70-6

1846	TR200	54.8mg	n.s.s.	0/50	6.40mg	0/50	12.9mg	3/50		S
a	TR200	12.6mg	n.s.s.	21/50	6.40mg	30/50	12.9mg	24/50		
b	TR200	32.0mg	n.s.s.	4/50	6.40mg	3/50	12.9mg	7/50		liv:hpa,hpc,nnd.
c	TR200	38.9mg	n.s.s.	4/50	6.40mg	8/50	12.9mg	3/50		lun:a/a,a/c.
1847	TR200	7.63mg	n.s.s.	2/50	5.90mg	8/50	(11.9mg	2/50)		S
a	TR200	12.2mg	n.s.s.	31/50	5.90mg	36/50	11.9mg	26/50		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR200	17.1mg	n.s.s.	21/50	5.90mg	17/50	11.9mg	18/50		liv:hpa,hpc,nnd.
c	TR200	25.7mg	n.s.s.	11/50	5.90mg	13/50	11.9mg	7/50		lun:a/a,a/c.
1848	TR200	22.7mg	n.s.s.	42/50	12.4mg	38/50	24.8mg	39/50		
a	TR200	112.mg	n.s.s.	0/50	12.4mg	0/50	24.8mg	2/50		liv:hpa,hpc,nnd.
1849	TR200	47.6mg	n.s.s.	0/50	9.90mg	2/50	19.8mg	4/50		liv:hpc,nnd. S
a	TR200	53.0mg	n.s.s.	0/50	9.90mg	1/50	19.8mg	4/50		S
b	TR200	16.3mg	n.s.s.	32/50	9.90mg	38/50	19.8mg	36/50		
c	TR200	47.6mg	n.s.s.	0/50	9.90mg	2/50	19.8mg	4/50		liv:hpa,hpc,nnd.
2,5-DIAMINOTOLUENE SULFATE (2,5-toluenediamine sulfate) 6369-59-1										
1850	TR126	152.mg	n.s.s.	5/100	64.7mg	6/50	104.mg	8/50		lun:a/a,a/c. S
a	TR126	128.mg	n.s.s.	42/100	64.7mg	15/50	104.mg	22/50		
b	TR126	307.mg	n.s.s.	5/100	64.7mg	2/50	104.mg	4/50		liv:hpa,hpc,nnd.
c	TR126	152.mg	n.s.s.	5/100	64.7mg	6/50	104.mg	8/50		lun:a/a,a/c.
1851	TR126	83.9mg	n.s.s.	38/100	59.8mg	19/50	96.5mg	27/50		
a	TR126	113.mg	n.s.s.	17/100	59.8mg	8/50	96.5mg	18/50		liv:hpa,hpc,nnd.
b	TR126	211.mg	n.s.s.	17/100	59.8mg	6/50	96.5mg	10/50		lun:a/a,a/c.
1852	TR126	27.0mg	n.s.s.	51/75	21.9mg	34/50	(71.6mg)	33/50)		
a	TR126	520.mg	n.s.s.	4/75	21.9mg	1/50	71.6mg	1/50		liv:hpa,hpc,nnd.
1853	TR126	102.mg	n.s.s.	36/75	17.1mg	20/50	57.8mg	25/50		
a	TR126	57.1mg	n.s.s.	0/75	17.1mg	2/50	(57.8mg)	0/50)		liv:hpa,hpc,nnd.
DIAZEPAM 439-14-5										
1854	2139	89.5mg	n.s.s.	5/100	75.0mg	8/50				de la Iglesia;txap,57,39-54;1981/pers.comm.
a	2139	193.mg	n.s.s.	1/100	75.0mg	2/50				
b	2139	457.mg	n.s.s.	1/100	75.0mg	0/50				
c	2139	247.mg	n.s.s.	16/100	75.0mg	4/50				
d	2139	95.7mg	n.s.s.	11/100	75.0mg	9/50				
e	2139	121.mg	n.s.s.	41/100	75.0mg	16/50				
f	2139	113.mg	n.s.s.	49/100	75.0mg	19/50				
1855	2139	85.2mg	n.s.s.	7/100	75.0mg	9/50				
a	2139	193.mg	n.s.s.	1/100	75.0mg	2/50				
b	2139	173.mg	n.s.s.	19/100	75.0mg	7/50				
c	2139	53.2mg	n.s.s.	35/100	75.0mg	22/50				
d	2139	52.5mg	n.s.s.	38/100	75.0mg	23/50				
e	2139	201.mg	n.s.s.	6/100	75.0mg	3/50				
1856	2139	1.00gm	n.s.s.	1/115	75.0mg	0/65				
a	2139	110.mg	n.s.s.	80/115	75.0mg	42/65				
b	2139	145.mg	n.s.s.	18/115	75.0mg	16/65				
c	2139	185.mg	n.s.s.	72/115	75.0mg	33/65				
1857	2139	329.mg	n.s.s.	0/115	75.0mg	3/65				
a	2139	1.00gm	n.s.s.	1/115	75.0mg	0/65				
b	2139	168.mg	n.s.s.	23/115	75.0mg	16/65				
c	2139	277.mg	n.s.s.	37/115	75.0mg	16/65				
d	2139	193.mg	n.s.s.	57/115	75.0mg	27/65				
DIAZINON 333-41-5										
1858	TR137	33.4mg	n.s.s.	9/25	12.7mg	14/50	25.5mg	21/50		
a	TR137	143.mg	n.s.s.	2/25	12.7mg	0/50	25.5mg	3/50		liv:hpa,hpc,nnd.
b	TR137	139.mg	n.s.s.	1/25	12.7mg	1/50	25.5mg	2/50		lun:a/a,a/c.
1859	TR137	29.6mg	n.s.s.	12/25	11.8mg	30/50	23.5mg	24/50		
a	TR137	9.56mg	n.s.s.	5/25	11.8mg	20/50	(23.5mg)	13/50)		liv:hpa,hpc,nnd.
b	TR137	126.mg	n.s.s.	2/25	11.8mg	3/50	23.5mg	1/50		lun:a/a,a/c.
1860	TR137	14.7mg	n.s.s.	20/25	19.8mg	44/50	39.6mg	41/50		
a	TR137	231.mg	n.s.s.	1/25	19.8mg	1/50	39.6mg	0/50		liv:hpa,hpc,nnd.
1861	TR137	9.49mg	n.s.s.	5/25	15.7mg	25/50	(31.4mg)	12/50)		---:leu,lym. S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	TR137	7.64mg	n.s.s.	20/25	15.7mg	41/50	(31.4mg	33/50)		
b	TR137	203.mg	n.s.s.	1/25	15.7mg	2/50	31.4mg	0/50		liv:hpa,hpc,nnd.
3-DIAZOTYRAMINE.HCl (4-(2-aminoethyl)-6-diazo-2,4-cyclohexadienone.HCl) ---										
1862	1825	21.1mg	74.3mg	0/16	50.0mg	19/28			Fujita;carc,8,527-529;1987	
DIBENZ(a,h)ANTHRACENE 53-70-3										
1863	1128	3.03mg	13.2mg	0/25	28.3mg	14/21			Snell;jnci,28,1043-1051;1962	
DIBENZO-p-DIOXIN 262-12-4										
1864	TR122	1.74gm	n.s.s.	15/50	636.mg	12/50	1.29gm	9/50		
a	TR122	n.s.s.	n.s.s.	0/50	636.mg	1/50	1.29gm	0/50		liv:hpa,hpc,nnd.
b	TR122	2.28gm	n.s.s.	3/50	636.mg	2/50	1.29gm	5/50		lun:a/a,a/c.
1865	TR122	1.08gm	289.gm	0/50	557.mg	5/50	(1.12gm	1/50)		S
a	TR122	1.67gm	n.s.s.	19/50	557.mg	19/50	1.12gm	16/50		
b	TR122	3.33gm	n.s.s.	8/50	557.mg	8/50	1.12gm	5/50		liv:hpa,hpc,nnd.
c	TR122	2.58gm	n.s.s.	8/50	557.mg	11/50	1.12gm	6/50		lun:a/a,a/c.
1866	TR122	500.mg	n.s.s.	26/35	250.mg	19/35	500.mg	13/35		
a	TR122	1.32gm	n.s.s.	0/35	250.mg	0/35	500.mg	2/35		liv:hpa,hpc,nnd.
1867	TR122	1.13gm	n.s.s.	21/35	200.mg	11/35	400.mg	11/35		
a	TR122	3.52gm	n.s.s.	1/35	200.mg	0/35	400.mg	0/35		liv:hpa,hpc,nnd.
3-DIBENZOFURANAMINE 4106-66-5										
1868	1420	1.53mg	n.s.s.	0/6	3.43mg	1/6			Hackmann;zkk,61,45-54;1956	
a	1420	.329mg	n.s.s.	0/3	3.43mg	2/3				
b	1420	.825mg	n.s.s.	0/6	3.43mg	4/8				
O,S-DIBENZOYL THIAMINE.HCl 35660-60-7										
1869	1728	4.65gm	n.s.s.	0/55	50.0mg	1/55	500.mg	0/55		Heywood;txlt,26,53-58;1985
a	1728	212.mg	n.s.s.	53/55	50.0mg	50/55	500.mg	51/55		
b	1728	998.mg	n.s.s.	13/55	50.0mg	18/55	500.mg	16/55		
1870	1728	1.75gm	n.s.s.	1/55	40.0mg	0/55	400.mg	3/55		
a	1728	1.14gm	n.s.s.	0/21	40.0mg	0/25	400.mg	1/23		
b	1728	544.mg	n.s.s.	25/55	40.0mg	13/55	400.mg	24/55		
c	1728	429.mg	n.s.s.	48/55	40.0mg	42/55	400.mg	42/55		
1,2-DIBROMO-3-CHLOROPROPANE (DBCP) 96-12-8										
1871	TR206	.851mg	2.03mg	4/50	1.80mg	20/50	9.00mg	43/50	b/l:ppa,ppc; l/b:ppc,sgc; lun:a/a,a/c,sgc; nas:---,acn,can,cas, fbs,sgc,sgp; ntu:apn. C	
a	TR206	1.35mg	3.43mg	0/50	1.80mg	11/50	9.00mg	38/50		nas:---; ntu:apn.
b	TR206	1.33mg	4.37mg	4/50	1.80mg	13/50	9.00mg	20/50		b/l:ppa,ppc; l/b:ppc,sgc; lun:a/a,a/c,sgc.
c	TR206	2.54mg	13.8mg	4/50	1.80mg	5/50	9.00mg	13/50		lun:a/a,a/c.
d	TR206	3.28mg	12.7mg	0/50	1.80mg	3/50	9.00mg	17/50		
e	TR206	3.39mg	25.9mg	3/50	1.80mg	3/50	9.00mg	10/50		
f	TR206	3.19mg	50.0mg	0/50	1.80mg	5/50	9.00mg	1/50		S
g	TR206	3.99mg	33.2mg	0/50	1.80mg	3/50	9.00mg	6/50		nas:sgc,sgp.
h	TR206	5.14mg	51.6mg	0/50	1.80mg	2/50	9.00mg	6/50		
i	TR206	6.40mg	69.0mg	0/50	1.80mg	1/50	9.00mg	6/50		
j	TR206	11.3mg	346.mg	0/50	1.80mg	0/50	9.00mg	3/50		
k	TR206	14.1mg	395.mg	0/50	1.80mg	0/50	9.00mg	3/50		
l	TR206	17.6mg	n.s.s.	0/50	1.80mg	0/50	9.00mg	2/50		
m	TR206	.629mg	1.53mg	23/50	1.80mg	32/50	9.00mg	45/50		
n	TR206	3.41mg	n.s.s.	2/50	1.80mg	5/50	9.00mg	2/50		liv:hpa,hpc,nnd.
o	TR206	2.54mg	13.8mg	4/50	1.80mg	5/50	9.00mg	13/50		lun:a/a,a/c.
1872	TR28	2.79mg	6.57mg	0/20	79.0mg	50/50	149.mg	47/50		
a	TR28	2.79mg	6.57mg	0/20	79.0mg	50/50	149.mg	47/50		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR28	231.mg	n.s.s.	0/20	79.0mg	0/50	149.mg	1/50		liv:hpa,hpc,nnd.
c	TR28	29.4mg	n.s.s.	0/20	79.0mg	1/50	149.mg	2/50		lun:a/a,a/c.
1873	TR206	.847mg	2.61mg	0/50	1.50mg	4/50	7.50mg	22/50	l/b:sqc; lun:a/a,a/c; nas:---,apn,can,scq; trh:---. C	
a	TR206	1.03mg	3.42mg	0/50	1.50mg	1/50	7.50mg	21/50		l/b:sqc; nas:---; trh:---.
b	TR206	1.26mg	6.41mg	0/50	1.50mg	3/50	7.50mg	11/50		
c	TR206	1.81mg	20.5mg	0/50	1.50mg	3/50	7.50mg	7/50		lun:a/a,a/c.
d	TR206	1.85mg	26.7mg	0/50	1.50mg	1/50	7.50mg	5/50		
e	TR206	2.48mg	20.9mg	0/50	1.50mg	0/50	7.50mg	7/50		
f	TR206	2.70mg	28.8mg	0/50	1.50mg	0/50	7.50mg	6/50		
g	TR206	3.06mg	42.1mg	0/50	1.50mg	1/50	7.50mg	6/50		
h	TR206	4.77mg	n.s.s.	0/50	1.50mg	0/50	7.50mg	3/50		
i	TR206	4.85mg	n.s.s.	0/50	1.50mg	0/50	7.50mg	3/50		sto:scq,scp.
j	TR206	5.20mg	n.s.s.	0/50	1.50mg	0/50	7.50mg	2/50		
k	TR206	.735mg	3.11mg	3/50	1.50mg	7/50	7.50mg	23/50		
l	TR206	3.68mg	n.s.s.	3/50	1.50mg	2/50	7.50mg	3/50		liv:hpa,hpc,nnd.
m	TR206	1.81mg	20.5mg	0/50	1.50mg	3/50	7.50mg	7/50		lun:a/a,a/c.
1874	TR28	2.96mg	7.21mg	0/20	81.0mg	43/50	156.mg	47/50		
a	TR28	2.98mg	7.51mg	2/20	81.0mg	43/50	156.mg	47/50		
b	TR28	50.6mg	n.s.s.	2/20	81.0mg	1/50	156.mg	0/50		liv:hpa,hpc,nnd.
c	TR28	181.mg	n.s.s.	0/20	81.0mg	0/50	156.mg	1/50		lun:a/a,a/c.
1875	TR206	.139mg	.295mg	1/50	.429mg	32/50	2.14mg	45/51	adr:coa; nas:acn,adn,apn,can,scq,scp; ntu:---; phr:scq,scp; ton:scq,scp. C	
a	TR206	.172mg	.382mg	1/50	.429mg	26/50	2.14mg	42/51	nas:acn,adn,apn,can,scq,scp; ntu:---.	
b	TR206	.392mg	1.79mg	5/50	.429mg	14/50	2.14mg	9/51		S
c	TR206	.444mg	3.03mg	4/50	.429mg	13/50	2.14mg	4/51		S
d	TR206	.486mg	2.19mg	0/50	.429mg	10/50	2.14mg	3/51		
e	TR206	.586mg	2.93mg	0/50	.429mg	7/50	2.14mg	5/51		
f	TR206	.683mg	4.25mg	0/50	.429mg	6/50	2.14mg	5/51		
g	TR206	.750mg	4.88mg	0/50	.429mg	5/50	2.14mg	5/51		
h	TR206	.828mg	4.33mg	0/50	.429mg	4/50	2.14mg	9/51		ton:scq,scp.
i	TR206	1.05mg	3.36mg	0/50	.429mg	0/50	2.14mg	23/51		
j	TR206	.830mg	10.1mg	0/50	.429mg	5/50	2.14mg	1/51		S
k	TR206	.985mg	7.58mg	0/50	.429mg	3/50	2.14mg	6/51		
l	TR206	1.13mg	11.4mg	1/50	.429mg	2/50	2.14mg	7/51		
m	TR206	1.27mg	12.9mg	0/50	.429mg	2/50	2.14mg	6/51		
n	TR206	1.71mg	22.1mg	1/50	.429mg	0/50	2.14mg	6/51		phr:scq,scp.
o	TR206	2.14mg	24.2mg	0/50	.429mg	0/50	2.14mg	5/51		
p	TR206	1.96mg	54.8mg	0/50	.429mg	1/50	2.14mg	3/51		
q	TR206	.110mg	.264mg	33/50	.429mg	44/50	2.14mg	47/51		
r	TR206	1.17mg	n.s.s.	2/50	.429mg	4/50	2.14mg	0/51		liv:hpa,hpc,nnd.
1876	TR28	.544mg	1.38mg	1/20	10.0mg	43/50	20.0mg	42/50	mgl:acn,fba; sto:scq,scp. C	
a	TR28	.568mg	1.47mg	0/20	10.0mg	38/50	20.0mg	29/50		
b	TR28	1.35mg	4.15mg	1/20	10.0mg	24/50	20.0mg	30/50		mgl:acn,fba.
c	TR28	1.39mg	3.84mg	0/20	10.0mg	24/50	20.0mg	30/50		
d	TR28	13.5mg	117.mg	0/20	10.0mg	1/50	20.0mg	9/50		
e	TR28	.560mg	1.49mg	4/20	10.0mg	44/50	20.0mg	43/50		
f	TR28	14.7mg	n.s.s.	0/20	10.0mg	1/50	20.0mg	0/50		liv:hpa,hpc,nnd.
1877	TR206	75.6ug	.154mg	0/50	.300mg	41/50	1.50mg	40/49	nas:acn,adn,apn,can,cas,scq,scp; nsm:scq; ntu:---; ton:scq,scp. C	
a	TR206	76.4ug	.156mg	0/50	.300mg	40/50	1.50mg	39/49	nas:acn,adn,apn,can,cas,scq,scp; nsm:scq; ntu:---.	
b	TR206	.301mg	1.29mg	0/50	.300mg	13/50	1.50mg	1/49		
c	TR206	.399mg	2.46mg	0/50	.300mg	9/50	1.50mg	1/49		
d	TR206	.424mg	2.09mg	0/50	.300mg	8/50	1.50mg	6/49		
e	TR206	.442mg	3.71mg	0/50	.300mg	8/50	1.50mg	0/49		
f	TR206	.456mg	2.72mg	0/50	.300mg	7/50	1.50mg	3/49		S
g	TR206	.625mg	2.01mg	0/50	.300mg	2/50	1.50mg	22/49		
h	TR206	.684mg	3.18mg	0/50	.300mg	2/50	1.50mg	11/49		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
i	TR206	1.01mg	4.85mg	0/50	.300mg	1/50	1.50mg	11/49		ton:sqc,sqp.
j	TR206	.947mg	18.0mg	1/50	.300mg	2/50	1.50mg	5/49		S
k	TR206	1.23mg	7.53mg	0/50	.300mg	1/50	1.50mg	8/49		
l	TR206	1.07mg	18.8mg	0/50	.300mg	1/50	1.50mg	3/49		S
m	TR206	1.19mg	16.3mg	0/50	.300mg	1/50	1.50mg	5/49		S
n	TR206	1.19mg	16.3mg	0/50	.300mg	1/50	1.50mg	5/49		S
o	TR206	2.47mg	104.mg	0/50	.300mg	0/50	1.50mg	3/49		
p	TR206	75.9ug	.179mg	30/50	.300mg	48/50	1.50mg	47/49		
q	TR206	1.30mg	n.s.s.	0/50	.300mg	1/50	1.50mg	1/49	liv:hpa,hpc,nnd.	
1878	TR28	.584mg	1.55mg	0/20	10.0mg	47/50	21.0mg	47/50		
a	TR28	1.71mg	n.s.s.	0/20	10.0mg	13/50	21.0mg	2/50	---:hem,hes.	S
b	TR28	.600mg	1.61mg	1/20	10.0mg	49/50	21.0mg	48/50		
c	TR28	n.s.s.	n.s.s.	0/20	10.0mg	0/50	21.0mg	0/50	liv:hpa,hpc,nnd.	

DIBROMODULCITOL 10318-26-0

1879	1336	3.83mg	79.3mg	20/154	6.40mg	9/21	12.8mg	3/9	Skipper;srfr;1976/Weisburger;canc;1977/Prejean pers.comm.	
a	1336	5.05mg	46.7mg	3/154	6.40mg	2/21	12.8mg	5/9		
b	1336	11.4mg	1.06gm	0/154	6.40mg	1/21	12.8mg	1/9		
c	1336	7.19mg	n.s.s.	1/154	6.40mg	0/21	12.8mg	0/9		
d	1336	1.23mg	6.20mg	42/154	6.40mg	14/21	12.8mg	9/9		
e	1336	2.28mg	15.2mg	29/154	6.40mg	10/21	12.8mg	7/9		
f	1336	6.95mg	n.s.s.	13/154	6.40mg	4/21	12.8mg	2/9		
1880	1336	7.37mg	97.0mg	2/101	6.40mg	6/29	15.8mg	2/11		
a	1336	11.2mg	179.mg	0/101	6.40mg	2/29	15.8mg	2/11		
b	1336	4.45mg	n.s.s.	9/101	6.40mg	7/29	(15.8mg	0/11)		
c	1336	10.4mg	n.s.s.	2/101	6.40mg	0/29	15.8mg	0/11		
d	1336	4.53mg	n.s.s.	28/101	6.40mg	14/29	15.8mg	5/11		
e	1336	5.56mg	n.s.s.	19/101	6.40mg	9/29	15.8mg	5/11		
f	1336	16.1mg	n.s.s.	9/101	6.40mg	5/29	15.8mg	0/11		
1881	1336	4.50mg	18.2mg	4/177	10.7mg	8/23	21.5mg	8/11		
a	1336	17.9mg	435.mg	0/177	10.7mg	2/23	21.5mg	1/11		
b	1336	29.6mg	n.s.s.	0/177	10.7mg	0/23	21.5mg	1/11		
c	1336	29.6mg	n.s.s.	0/177	10.7mg	0/23	21.5mg	1/11		
d	1336	14.0mg	n.s.s.	0/177	10.7mg	0/23	21.5mg	0/11		
e	1336	1.58mg	7.35mg	59/177	10.7mg	18/23	21.5mg	11/11		
f	1336	2.69mg	11.4mg	32/177	10.7mg	12/23	21.5mg	11/11		
g	1336	21.6mg	n.s.s.	27/177	10.7mg	6/23	21.5mg	0/11		

1,2-DIBROMOETHANE (ethylene dibromide, EDB) 106-93-4

1882	TR210	6.41mg	14.8mg	6/50	23.9mg	31/50	95.6mg	47/50	---:hem,hes; lun:a/a,a/c,adn,apn,can; mgl:acn; nas:---,adn,apn,can; sub:lbs. C	
a	TR210	11.3mg	30.9mg	4/50	23.9mg	11/50	95.6mg	42/50	lun:a/a,a/c,adn,apn,can.	
b	TR210	11.4mg	31.6mg	4/50	23.9mg	11/50	95.6mg	41/50	lun:a/a,a/c.	
c	TR210	14.1mg	41.6mg	0/50	23.9mg	12/50	95.6mg	25/50	---:hem,hes.	
d	TR210	14.7mg	45.6mg	0/50	23.9mg	11/50	95.6mg	23/50		
e	TR210	13.7mg	61.7mg	2/50	23.9mg	14/50	95.6mg	8/50		
f	TR210	18.0mg	50.3mg	1/50	23.9mg	5/50	95.6mg	37/50		
g	TR210	18.6mg	98.3mg	3/50	23.9mg	7/50	95.6mg	13/50		
h	TR210	41.5mg	201.mg	0/50	23.9mg	4/50	95.6mg	11/50		
i	TR210	64.5mg	470.mg	0/50	23.9mg	1/50	95.6mg	8/50	1/b:adn,can.	S
j	TR210	89.0mg	425.mg	0/50	23.9mg	0/50	95.6mg	12/50		
k	TR210	81.6mg	1.18gm	0/50	23.9mg	1/50	95.6mg	4/50		S
l	TR210	74.7mg	1.51gm	0/50	23.9mg	1/50	95.6mg	4/50		S
m	TR210	105.mg	968.mg	0/50	23.9mg	0/50	95.6mg	6/50	1/b:adn,apn.	S
n	TR210	148.mg	978.mg	0/50	23.9mg	0/50	95.6mg	8/50	nas:adn,can.	
o	TR210	122.mg	1.57gm	0/50	23.9mg	0/50	95.6mg	5/50	nas:adn,apn.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
p	TR210	129.mg	1.55gm	0/50	23.9mg	0/50	95.6mg	5/50		S
q	TR210	173.mg	1.67gm	0/50	23.9mg	0/50	95.6mg	6/50		
r	TR210	133.mg	4.80gm	0/50	23.9mg	0/50	95.6mg	3/50		
s	TR210	4.55mg	10.9mg	23/50	23.9mg	45/50	95.6mg	49/50		
t	TR210	31.4mg	n.s.s.	2/50	23.9mg	6/50	95.6mg	1/50	liv:hpa,hpc,nnd.	
u	TR210	11.4mg	31.6mg	4/50	23.9mg	11/50	95.6mg	41/50	lun:a/a,a/c.	
1883	TR86	2.58mg	6.93mg	0/20	26.0mg	46/50	52.0mg	30/50	lun:a/a,a/c; sto:sqc.	C
a	TR86	2.81mg	8.09mg	0/20	26.0mg	46/50	52.0mg	28/50		
b	TR86	8.06mg	n.s.s.	0/20	26.0mg	11/50	52.0mg	6/50	lun:a/a,a/c.	
c	TR86	8.85mg	n.s.s.	0/20	26.0mg	10/50	52.0mg	6/50		
d	TR86	2.42mg	6.31mg	0/20	26.0mg	47/50	52.0mg	31/50		
e	TR86	n.s.s.	n.s.s.	0/20	26.0mg	1/50	52.0mg	0/50	liv:hpa,hpc,nnd.	
f	TR86	8.06mg	n.s.s.	0/20	26.0mg	11/50	52.0mg	6/50	lun:a/a,a/c.	
1884	1761	6.68mg	25.7mg	1/50	103.mg	27/29			Van Durren;tcam,5,393-403;1985	
a	1761	13.9mg	46.5mg	0/50	103.mg	22/29				
b	1761	96.3mg	n.s.s.	0/50	103.mg	3/29				
c	1761	175.mg	n.s.s.	1/50	103.mg	1/29				
d	1761	303.mg	n.s.s.	0/50	103.mg	0/29				
e	1761	6.84mg	28.6mg	7/50	103.mg	27/29				
1885	1806	13.9mg	44.8mg	9/96	48.0mg	29/49			Van Duuren;enhp,69,109-117;1986	
a	1806	20.7mg	67.1mg	0/96	48.0mg	20/49				
b	1806	75.0mg	1.58gm	0/96	48.0mg	4/49				
c	1806	273.mg	n.s.s.	2/96	48.0mg	0/49				
d	1806	192.mg	n.s.s.	13/96	48.0mg	2/49				
e	1806	n.s.s.	n.s.s.	84/96	48.0mg	49/49				
1886	TR210	11.3mg	32.5mg	0/50	19.9mg	3/50	79.5mg	26/50	---:hem,hes; lun:---,a/a,a/c.	C
a	TR210	11.4mg	33.6mg	0/50	19.9mg	3/50	79.5mg	25/50		
b	TR210	13.0mg	40.2mg	0/50	19.9mg	3/50	79.5mg	23/50	lun:a/a,a/c.	
c	TR210	14.7mg	53.7mg	0/50	19.9mg	3/50	79.5mg	19/50		
d	TR210	29.9mg	146.mg	0/50	19.9mg	0/50	79.5mg	11/50		
e	TR210	47.1mg	n.s.s.	0/50	19.9mg	0/50	79.5mg	5/50	b/l:apn; l/b:apn.	S
f	TR210	47.1mg	n.s.s.	0/50	19.9mg	0/50	79.5mg	5/50	l/b:adn,apn.	S
g	TR210	67.2mg	n.s.s.	0/50	19.9mg	0/50	79.5mg	4/50	---:hem,hes.	S
h	TR210	65.7mg	n.s.s.	0/50	19.9mg	0/50	79.5mg	3/50		
i	TR210	11.7mg	65.5mg	3/50	19.9mg	5/50	79.5mg	27/50		
j	TR210	87.5mg	n.s.s.	3/50	19.9mg	1/50	79.5mg	3/50	liv:hpa,hpc,nnd.	
k	TR210	13.0mg	40.2mg	0/50	19.9mg	3/50	79.5mg	23/50	lun:a/a,a/c.	
1887	TR86	1.07mg	4.23mg	0/20	30.0mg	45/50	53.0mg	33/50	lun:a/a; sto:sqc,sqp.	C
a	TR86	1.07mg	4.32mg	0/20	30.0mg	45/50	53.0mg	31/50		
b	TR86	1.08mg	4.43mg	0/20	30.0mg	45/50	53.0mg	29/50		
c	TR86	4.58mg	55.8mg	0/20	30.0mg	4/50	53.0mg	10/50		
d	TR86	1.19mg	5.83mg	2/20	30.0mg	45/50	53.0mg	33/50		
e	TR86	51.5mg	n.s.s.	2/20	30.0mg	1/50	53.0mg	1/50	liv:hpa,hpc,nnd.	
f	TR86	4.58mg	55.8mg	0/20	30.0mg	4/50	53.0mg	10/50	lun:a/a,a/c.	
1888	1761	5.98mg	23.1mg	0/45	116.mg	26/28			Van Durren;tcam,5,393-403;1985	
a	1761	6.01mg	23.5mg	1/45	116.mg	26/28				
b	1761	261.mg	n.s.s.	0/45	116.mg	0/28				
c	1761	146.mg	n.s.s.	5/45	116.mg	2/28				
d	1761	6.21mg	27.4mg	8/45	116.mg	26/28				
1889	1806	5.97mg	15.5mg	2/99	46.7mg	41/48			Van Duuren;enhp,69,109-117;1986	
a	1806	71.4mg	1.40gm	0/99	46.7mg	4/48				
b	1806	71.4mg	1.40gm	0/99	46.7mg	4/48				
c	1806	215.mg	n.s.s.	12/99	46.7mg	1/48				
d	1806	n.s.s.	n.s.s.	76/99	46.7mg	48/48				
1890	TR210	1.27mg	2.71mg	6/50	5.71mg	44/50	22.8mg	45/50	---:hes; lun:a/a,a/c; mgl:fba; nas:---,acn,adn,apn,can,sgc; pit:adn; spl:hes.	C

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	TR210	1.64mg	3.43mg	1/50	5.71mg	34/50	22.8mg	43/50		
b	TR210	2.37mg	5.91mg	4/50	5.71mg	29/50	22.8mg	24/50		
c	TR210	2.81mg	6.78mg	0/50	5.71mg	20/50	22.8mg	29/50		
d	TR210	4.25mg	16.0mg	1/50	5.71mg	18/50	22.8mg	4/50		
e	TR210	5.67mg	24.0mg	0/50	5.71mg	11/50	22.8mg	3/50		
f	TR210	13.0mg	38.3mg	0/50	5.71mg	0/50	22.8mg	25/50		
g	TR210	10.0mg	62.4mg	0/50	5.71mg	5/50	22.8mg	5/50		
h	TR210	18.6mg	358.mg	1/50	5.71mg	1/50	22.8mg	5/50		
i	TR210	20.4mg	461.mg	0/50	5.71mg	1/50	22.8mg	3/50		S
j	TR210	30.9mg	350.mg	0/50	5.71mg	0/50	22.8mg	5/50	lun:a/a,a/c.	
k	TR210	31.8mg	319.mg	0/50	5.71mg	0/50	22.8mg	5/50		
l	TR210	31.8mg	319.mg	0/50	5.71mg	0/50	22.8mg	5/50		
m	TR210	33.6mg	555.mg	0/50	5.71mg	0/50	22.8mg	4/50		
n	TR210	47.7mg	4.00gm	0/50	5.71mg	0/50	22.8mg	3/50		S
o	TR210	47.7mg	4.00gm	0/50	5.71mg	0/50	22.8mg	3/50	sub: fbs, fib.	S
p	TR210	26.5mg	27.1gm	1/50	5.71mg	0/50	22.8mg	4/50		S
q	TR210	1.36mg	3.30mg	33/50	5.71mg	49/50	22.8mg	48/50		
r	TR210	16.0mg	364.mg	2/50	5.71mg	1/50	22.8mg	5/50	liv:hpa,hpc,nnd.	
1891	TR86	.665mg	2.14mg	0/20	26.7mg	40/50	28.1mg	29/50		
a	TR86	.665mg	2.14mg	0/20	26.7mg	40/50	28.1mg	29/50	liv:hpc,nnd; sto:sqc.	C
b	TR86	1.51mg	32.8mg	0/20	26.7mg	1/50	28.1mg	6/50	liv:hpc,nnd.	
c	TR86	1.52mg	38.6mg	0/20	26.7mg	1/50	28.1mg	5/50		
d	TR86	5.40mg	n.s.s.	0/20	26.7mg	0/50	28.1mg	4/50	adr:coa,coc.	S
e	TR86	.628mg	2.23mg	2/20	26.7mg	40/50	28.1mg	29/50		
f	TR86	1.51mg	32.8mg	0/20	26.7mg	1/50	28.1mg	6/50	liv:hpa,hpc,nnd.	
1892	TR210	.787mg	1.60mg	1/50	4.00mg	43/50	15.9mg	48/50	nas:---,acn,adn,apn,can; nse:sgp; pit:adn; spl:hes; tnv:men,mso.	C
a	TR210	.872mg	1.79mg	0/50	4.00mg	39/50	15.9mg	41/50	nas:---; nse:sgp.	
b	TR210	1.78mg	4.36mg	0/50	4.00mg	20/50	15.9mg	28/50		
c	TR210	2.34mg	7.45mg	0/50	4.00mg	18/50	15.9mg	5/50		
d	TR210	3.36mg	10.1mg	1/50	4.00mg	8/50	15.9mg	25/50		
e	TR210	3.61mg	10.6mg	0/50	4.00mg	7/50	15.9mg	25/50		
f	TR210	3.84mg	19.7mg	0/50	4.00mg	11/50	15.9mg	0/50		
g	TR210	6.07mg	46.3mg	0/50	4.00mg	7/50	15.9mg	2/50		
h	TR210	8.48mg	33.7mg	0/50	4.00mg	1/50	15.9mg	15/50		
i	TR210	10.4mg	33.2mg	0/50	4.00mg	0/50	15.9mg	21/50		
j	TR210	7.21mg	109.mg	0/50	4.00mg	5/50	15.9mg	1/50		S
k	TR210	17.3mg	528.mg	0/50	4.00mg	1/50	15.9mg	3/50		S
l	TR210	24.6mg	856.mg	0/50	4.00mg	0/50	15.9mg	3/50	thy:fca,fcc.	S
m	TR210	.904mg	2.14mg	30/50	4.00mg	48/50	15.9mg	49/50		
n	TR210	15.3mg	n.s.s.	0/50	4.00mg	1/50	15.9mg	1/50	liv:hpa,hpc,nnd.	
1893	TR86	1.18mg	2.33mg	0/20	27.4mg	45/50	29.2mg	34/50	---:hes; sto:sqc.	C
a	TR86	1.18mg	2.35mg	0/20	27.4mg	45/50	29.2mg	33/50		
b	TR86	4.98mg	21.1mg	0/20	27.4mg	11/50	29.2mg	4/50		
c	TR86	5.20mg	34.2mg	0/20	27.4mg	5/50	29.2mg	8/50	thy:fca,fcc.	S
d	TR86	1.12mg	2.22mg	0/20	27.4mg	46/50	29.2mg	35/50		
e	TR86	8.97mg	n.s.s.	0/20	27.4mg	3/50	29.2mg	2/50	liv:hpa,hpc,nnd.	
1894	1032	1.31mg	3.75mg	0/47	13.4mg	38/42			Wong;txap,63,155-165;1982/Plotnick pers.comm.	
a	1032	3.09mg	8.79mg	0/47	13.4mg	27/42				
b	1032	4.96mg	16.7mg	0/47	13.4mg	19/42				
c	1032	9.95mg	49.5mg	0/48	13.4mg	11/48				
d	1032	20.5mg	n.s.s.	0/48	13.4mg	4/48				
e	1032	29.9mg	n.s.s.	0/48	13.4mg	2/48				
1895	1032	.645mg	2.11mg	0/47	9.39mg	40/42				
a	1032	1.57mg	4.27mg	0/47	9.39mg	32/42				
b	1032	2.17mg	6.15mg	0/47	9.39mg	27/42				
c	1032	6.47mg	29.7mg	0/48	9.39mg	12/48				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
d	1032	17.0mg	n.s.s.	0/48	9.39mg	3/48					
e	1032	20.9mg	n.s.s.	0/48	9.39mg	2/48					
DIBROMOMANNITOL (DBM) 488-41-5											
1896	1336m	9.53mg	136.mg	20/154	12.8mg	11/23	25.7mg	5/17	Skipper;srfr;1976/Weisburger;canc;1977/Prejean pers.comm.		
a	1336m	15.8mg	162.mg	3/154	12.8mg	1/23	25.7mg	6/17			
b	1336m	22.8mg	340.mg	0/154	12.8mg	1/23	25.7mg	3/17			
c	1336m	27.2mg	684.mg	0/154	12.8mg	1/23	25.7mg	2/17			
d	1336m	33.4mg	2.86gm	0/154	12.8mg	0/23	25.7mg	2/17			
e	1336m	20.4mg	n.s.s.	1/154	12.8mg	0/23	25.7mg	0/17			
f	1336m	4.05mg	19.2mg	42/154	12.8mg	12/23	25.7mg	15/17			
g	1336m	5.76mg	30.7mg	29/154	12.8mg	10/23	25.7mg	12/17			
h	1336m	25.3mg	n.s.s.	13/154	12.8mg	2/23	25.7mg	3/17			
1897	1336m	4.75mg	60.4mg	9/101	12.8mg	9/22					
a	1336m	13.4mg	n.s.s.	2/101	12.8mg	2/22					
b	1336m	2.64mg	28.7mg	28/101	12.8mg	15/22					
c	1336m	3.62mg	50.3mg	19/101	12.8mg	12/22					
d	1336m	12.4mg	n.s.s.	9/101	12.8mg	3/22					
1898	1336n	9.35mg	232.mg	12/182	17.9mg	7/24					
a	1336n	19.5mg	1.19gm	0/182	17.9mg	2/24					
b	1336n	19.8mg	n.s.s.	1/182	17.9mg	2/24					
c	1336n	49.8mg	n.s.s.	0/182	17.9mg	0/24					
d	1336n	4.92mg	68.1mg	44/182	17.9mg	14/24					
e	1336n	3.95mg	n.s.s.	103/182	17.9mg	18/24					
f	1336n	27.8mg	n.s.s.	59/182	17.9mg	4/24					
1899	1336n	11.7mg	129.mg	0/177	17.9mg	5/25	(53.0mg	0/12)			
a	1336n	32.5mg	n.s.s.	4/177	17.9mg	4/25	53.0mg	1/12			
b	1336n	52.7mg	n.s.s.	1/177	17.9mg	2/25	53.0mg	0/12			
c	1336n	30.4mg	n.s.s.	0/177	17.9mg	0/25	53.0mg	0/12			
d	1336n	3.57mg	34.3mg	59/177	17.9mg	18/25	(53.0mg	2/12)			
e	1336n	6.83mg	125.mg	27/177	17.9mg	11/25	(53.0mg	1/12)			
f	1336n	44.3mg	n.s.s.	32/177	17.9mg	7/25	53.0mg	1/12			
5,7-DIBROMOQUINOLINE 34522-69-5											
1900	1529	199.mg	n.s.s.	3/44	50.0mg	2/37			Fukushima;clet,14,115-123;1981		
1901	1529	26.1mg	n.s.s.	8/31	40.0mg	14/28					
a	1529	123.mg	n.s.s.	0/31	40.0mg	1/28					
1,3-DIBUTYL-1-NITROSOUREA 56654-52-5											
1902	1216	1.31mg	4.93mg	5/25	5.71mg	21/26	11.4mg	19/24	(22.9mg 11/19)	Ogiu;zkko,96,35-41;1980	
a	1216	2.26mg	18.1mg	8/25	5.71mg	21/26	11.4mg	20/24			22.9mg 15/19
b	1216	11.7mg	86.6mg	0/25	5.71mg	1/26	11.4mg	7/24			22.9mg 4/19
c	1216	7.22mg	n.s.s.	0/25	5.71mg	6/26	11.4mg	3/24			(22.9mg 2/19)
d	1216	13.0mg	n.s.s.	1/25	5.71mg	3/26	11.4mg	5/24			22.9mg 4/19
e	1216	49.4mg	n.s.s.	0/25	5.71mg	0/26	11.4mg	1/24			22.9mg 0/19
f	1216	1.45mg	7.88mg	10/25	5.71mg	23/26	11.4mg	22/24	22.9mg 17/19		
DIBUTYL TIN DIACETATE 1067-33-0											
1903	TR183	16.1mg	313.mg	1/20	8.30mg	4/50	16.8mg	12/50		S	
a	TR183	12.8mg	n.s.s.	3/20	8.30mg	12/50	16.8mg	13/50			
b	TR183	16.1mg	313.mg	1/20	8.30mg	4/50	16.8mg	12/50			
c	TR183	69.4mg	n.s.s.	2/20	8.30mg	4/50	16.8mg	0/50		liv:hpa,hpc,nd. lun:a/a,a/c.	
1904	TR183	15.4mg	n.s.s.	6/20	7.70mg	19/50	15.5mg	16/50			
a	TR183	13.3mg	n.s.s.	2/20	7.70mg	11/50	15.5mg	15/50			
b	TR183	47.6mg	n.s.s.	2/20	7.70mg	8/50	15.5mg	2/50		liv:hpa,hpc,nd. lun:a/a,a/c.	
1905	TR183	3.35mg	n.s.s.	12/19	2.50mg	26/50	(5.00mg	13/50)			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
1923	1240	4.31mg	n.s.s.	0/16	4.14mg	1/18					
a	1240	8.20mg	n.s.s.	0/16	4.14mg	0/18					
b	1240	2.51mg	n.s.s.	0/16	4.14mg	3/18					
1924	1240	2.19mg	n.s.s.	0/16	3.85mg	3/17					
a	1240	3.78mg	n.s.s.	0/16	3.85mg	1/17					
b	1240	1.31mg	17.6mg	0/16	3.85mg	6/17					
2,6-DICHLORO-4-NITROANILINE (botran) 99-30-9											
1925	1291	119.mg	n.s.s.	1/17	99.7mg	1/18				Innes;ntis,1968/1969	
a	1291	198.mg	n.s.s.	0/17	99.7mg	0/18					
b	1291	47.7mg	n.s.s.	2/17	99.7mg	5/18					
1926	1292	157.mg	n.s.s.	0/17	83.8mg	0/17					
a	1292	157.mg	n.s.s.	1/17	83.8mg	0/17					
b	1292	157.mg	n.s.s.	2/17	83.8mg	0/17					
1927	1291	184.mg	n.s.s.	1/18	92.7mg	0/18					
a	1291	184.mg	n.s.s.	2/18	92.7mg	0/18					
b	1291	130.mg	n.s.s.	3/18	92.7mg	1/18					
1928	1292	65.3mg	n.s.s.	1/18	78.0mg	2/18					
a	1292	102.mg	n.s.s.	2/18	78.0mg	1/18					
b	1292	61.3mg	n.s.s.	3/18	78.0mg	3/18					
1929	1291	98.0mg	n.s.s.	0/16	99.7mg	1/17					
a	1291	187.mg	n.s.s.	0/16	99.7mg	0/17					
b	1291	56.7mg	n.s.s.	0/16	99.7mg	3/17					
1930	1292	82.3mg	n.s.s.	0/16	83.8mg	1/17					
a	1292	157.mg	n.s.s.	0/16	83.8mg	0/17					
b	1292	39.3mg	n.s.s.	0/16	83.8mg	4/17					
1931	1291	39.3mg	2.29gm	0/16	92.7mg	5/18					
a	1291	96.6mg	n.s.s.	0/16	92.7mg	1/18					
b	1291	25.7mg	190.mg	0/16	92.7mg	8/18					
1932	1292	81.2mg	n.s.s.	0/16	78.0mg	1/18					
a	1292	81.2mg	n.s.s.	0/16	78.0mg	1/18					
b	1292	81.2mg	n.s.s.	0/16	78.0mg	1/18					
c	1292	47.2mg	n.s.s.	0/16	78.0mg	3/18					
2,6-DICHLORO-p-PHENYLENEDIAMINE 609-20-1											
1933	TR219	409.mg	18.5gm	6/50	121.mg	6/50	362.mg	16/50			liv:hpa,hpc.
a	TR219	770.mg	n.s.s.	2/50	121.mg	2/50	362.mg	7/50			
b	TR219	273.mg	n.s.s.	31/50	121.mg	26/50	362.mg	37/50			
c	TR219	409.mg	18.5gm	6/50	121.mg	6/50	362.mg	16/50			liv:hpa,hpc,nnd.
d	TR219	1.67gm	n.s.s.	2/50	121.mg	2/50	362.mg	2/50			lun:a/a,a/c.
1934	TR219	284.mg	n.s.s.	16/50	111.mg	19/50	334.mg	29/50			liv:hpa,hpc.
a	TR219	431.mg	n.s.s.	4/50	111.mg	7/50	334.mg	15/50			
b	TR219	299.mg	n.s.s.	32/50	111.mg	30/50	334.mg	38/50			
c	TR219	284.mg	n.s.s.	16/50	111.mg	19/50	334.mg	29/50			liv:hpa,hpc,nnd.
d	TR219	559.mg	n.s.s.	13/50	111.mg	5/50	(334.mg)	4/50			lun:a/a,a/c.
1935	TR219	66.1mg	n.s.s.	49/50	92.8mg	45/50	(278.mg)	38/50			
a	TR219	757.mg	n.s.s.	3/50	92.8mg	2/50	278.mg	6/50			liv:hpa,hpc,nnd.
1936	TR219	58.3mg	n.s.s.	42/50	37.1mg	37/50	74.2mg	34/50			
a	TR219	132.mg	n.s.s.	1/50	37.1mg	3/50	74.2mg	5/50			liv:hpa,hpc,nnd.
DICHLOROACETIC ACID 79-43-6											
1937	2191m	112.mg	765.mg	1/40	51.6mg	0/40	172.mg	3/20	516.mg	7/20	
a	2191m	417.mg	n.s.s.	0/40	51.6mg	0/40	172.mg	0/20	516.mg	1/20	
1938	2191n	119.mg	362.mg	2/90	51.6mg	3/50	172.mg	7/28	516.mg	16/19	
a	2191n	473.mg	7.47gm	2/90	51.6mg	0/50	172.mg	1/28	516.mg	5/19	
1939	2071	26.3mg	137.mg	2/22	833.mg	25/26					Herren-Freund;txap,90,183-189;1987

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	1651o	1.37mg	n.s.s.	0/30	.540mg	3/30					
c	1651o	2.49mg	n.s.s.	8/30	.540mg	3/30					
d	1651o	4.30mg	n.s.s.	3/30	.540mg	0/30					
1957	1651n	1.52mg	n.s.s.	4/30	.849mg	11/30					
a	1651n	1.52mg	n.s.s.	4/30	.849mg	11/30					
b	1651n	3.47mg	n.s.s.	0/30	.849mg	3/30					
c	1651n	4.31mg	n.s.s.	0/30	.849mg	2/30					
1958	1651n	1.44mg	13.4mg	0/30	.568mg	7/30					
a	1651n	1.62mg	22.8mg	0/30	.568mg	6/30					
b	1651n	3.16mg	n.s.s.	0/30	.568mg	2/30					
c	1651n	4.26mg	n.s.s.	0/30	.568mg	1/30					
d	1651n	8.00mg	n.s.s.	1/30	.568mg	0/30					
e	1651n	8.00mg	n.s.s.	1/30	.568mg	0/30					
1,2-DICHLOROBENZENE (o-dichlorobenzene) 95-50-1											
1959	TR255	335.mg	n.s.s.	0/50	42.0mg	0/50	84.1mg	3/50			S
a	TR255	120.mg	n.s.s.	32/50	42.0mg	28/50	84.1mg	29/50			
b	TR255	319.mg	n.s.s.	4/50	42.0mg	5/50	84.1mg	3/50	liv:hpa,hpc,nnd.		
c	TR255	306.mg	n.s.s.	3/50	42.0mg	4/50	84.1mg	3/50	lun:a/a,a/c.		
1960	TR255	245.mg	n.s.s.	0/50	42.0mg	1/50	84.1mg	4/50			S
a	TR255	109.mg	n.s.s.	38/50	42.0mg	32/50	84.1mg	36/50			
b	TR255	93.2mg	n.s.s.	19/50	42.0mg	14/50	(84.1mg)	11/50)	liv:hpa,hpc,nnd.		
c	TR255	130.mg	n.s.s.	8/50	42.0mg	8/50	84.1mg	13/50	lun:a/a,a/c.		
1961	TR255	57.8mg	n.s.s.	39/50	42.0mg	40/50	84.9mg	40/50			
a	TR255	269.mg	n.s.s.	1/50	42.0mg	1/50	84.9mg	3/50	liv:hpa,hpc,nnd.		
1962	TR255	22.1mg	n.s.s.	47/50	42.2mg	49/50	84.9mg	41/50			S
a	TR255	34.0mg	n.s.s.	33/50	42.2mg	38/50	84.9mg	29/50			
b	TR255	211.mg	n.s.s.	0/50	42.2mg	2/50	84.9mg	1/50	liv:hpa,hpc,nnd.		
1,4-DICHLOROBENZENE 106-46-7											
1963	TR319	244.mg	4.20gm	15/50	212.mg	10/50	424.mg	36/50		liv:hpa,hpc.	
a	TR319	427.mg	7.32gm	5/50	212.mg	5/50	424.mg	19/50			
b	TR319	422.mg	n.s.s.	10/50	212.mg	6/50	424.mg	21/50			
c	TR319	1.54gm	n.s.s.	0/50	212.mg	0/50	424.mg	3/50			S
d	TR319	220.mg	n.s.s.	37/50	212.mg	36/50	424.mg	46/50			
e	TR319	244.mg	4.20gm	15/50	212.mg	10/50	424.mg	36/50	liv:hpa,hpc,nnd.		
f	TR319	2.27gm	n.s.s.	5/50	212.mg	5/50	424.mg	1/50	lun:a/a,a/c.		
1964	TR319	172.mg	3.15gm	17/50	212.mg	22/50	424.mg	40/50	liv:hpa,hpc.		
a	TR319	267.mg	n.s.s.	14/50	212.mg	11/50	424.mg	32/50			
b	TR319	324.mg	n.s.s.	5/50	212.mg	13/50	424.mg	16/50			
c	TR319	916.mg	n.s.s.	0/50	212.mg	2/50	424.mg	4/50	amd:phe,phm.		S
d	TR319	1.21gm	n.s.s.	0/50	212.mg	0/50	424.mg	4/50			S
e	TR319	230.mg	n.s.s.	35/50	212.mg	33/50	424.mg	42/50			
f	TR319	172.mg	3.15gm	17/50	212.mg	22/50	424.mg	40/50	liv:hpa,hpc,nnd.		
g	TR319	213.mg	n.s.s.	6/50	212.mg	13/50	(424.mg)	2/50)	lun:a/a,a/c.		
1965	2378	167.mg	402.mg	4/50	37.6mg	13/50	141.mg	7/49	564.mg	45/50	Nagano;apor,741-746;1998/pers.comm.
a	2378	238.mg	552.mg	2/50	37.6mg	4/50	141.mg	2/49	564.mg	41/50	
b	2378	505.mg	2.80gm	2/50	37.6mg	10/50	141.mg	6/49	564.mg	20/50	
c	2378	1.64gm	14.6gm	0/50	37.6mg	0/50	141.mg	0/49	564.mg	6/50	
d	2378	1.28gm	n.s.s.	1/50	37.6mg	4/50	141.mg	2/49	564.mg	7/50	
1966	2378	171.mg	689.mg	20/49	31.3mg	21/49	118.mg	18/50	470.mg	41/49	
a	2378	183.mg	618.mg	12/49	31.3mg	17/49	118.mg	16/50	470.mg	38/49	
b	2378	896.mg	9.15gm	0/49	31.3mg	2/49	118.mg	1/50	470.mg	8/49	
c	2378	1.07gm	n.s.s.	0/49	31.3mg	3/49	118.mg	1/50	470.mg	6/49	
d	2378	963.mg	n.s.s.	13/49	31.3mg	9/49	118.mg	7/50	470.mg	13/49	
1967	2304	1.56gm	n.s.s.	0/48	88.6mg	1/47	591.mg	1/50			Loeser;fctx,21,825-832;1983

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	2304	1.77gm	n.s.s.	3/48	88.6mg	3/47	591.mg	2/50				
b	2304	124.mg	n.s.s.	16/48	88.6mg	12/47	(591.mg	5/50)				
c	2304	949.mg	n.s.s.	23/48	88.6mg	22/47	591.mg	16/50				
1968	TR319	289.mg	n.s.s.	43/50	212.mg	45/50	424.mg	36/50				
a	TR319	1.62gm	n.s.s.	1/50	212.mg	1/50	424.mg	2/50			liv:hpa,hpc,nnd.	
1969	TR319	270.mg	5.06gm	1/50	106.mg	3/50	212.mg	8/50			kid:tla,uac.	S
a	TR319	285.mg	20.0gm	1/50	106.mg	3/50	212.mg	7/50				
b	TR319	250.mg	n.s.s.	5/50	106.mg	7/50	212.mg	11/50				S
c	TR319	78.2mg	n.s.s.	38/50	106.mg	38/50	212.mg	38/50				
d	TR319	933.mg	n.s.s.	2/50	106.mg	2/50	212.mg	0/50			liv:hpa,hpc,nnd.	
1970	2304	240.mg	n.s.s.	1/61	19.1mg	0/61	127.mg	0/58			Loeser;fctx,21,825-832;1983	
a	2304	57.1mg	n.s.s.	55/61	19.1mg	54/61	127.mg	53/58				
b	2304	203.mg	n.s.s.	19/61	19.1mg	22/61	127.mg	23/58				
1971	2304	167.mg	n.s.s.	0/60	13.4mg	0/60	89.1mg	0/60				
a	2304	141.mg	n.s.s.	39/60	13.4mg	31/60	89.1mg	35/60				
b	2304	216.mg	n.s.s.	19/60	13.4mg	13/60	89.1mg	18/60				
1972	2378	325.mg	n.s.s.	2/47	8.96mg	7/50	33.6mg	9/49	134.mg	6/49	Nagano;apor,741-746;1998/pers.comm.	
a	2378	698.mg	n.s.s.	0/50	8.96mg	1/50	33.6mg	1/50	134.mg	1/50		
b	2378	1.04gm	n.s.s.	0/50	8.96mg	0/50	33.6mg	1/50	134.mg	0/50		
1973	2378	725.mg	n.s.s.	1/50	6.27mg	2/50	23.5mg	0/50	94.0mg	1/50		
3,3'-DICHLOROBENZIDINE (DCB) 91-94-1												
1974	1379	n.s.s.	1.78mg	0/6	4.42mg	5/5					Stula;jept,1,475-490;1978	
a	1379	n.s.s.	1.78mg	0/6	4.42mg	5/5						
b	1379	n.s.s.	n.s.s.	5/6	4.42mg	5/5						
1975	192	10.8mg	36.6mg	3/44	50.0mg	26/44					Stula;txap,31,159-176;1975/pers.comm.	
a	192	200.mg	n.s.s.	0/44	50.0mg	0/44						
1976	192	27.2mg	203.mg	0/44	40.0mg	8/44						
a	192	30.0mg	290.mg	0/44	40.0mg	7/44						
b	192	26.9mg	n.s.s.	2/44	40.0mg	9/44						
c	192	160.mg	n.s.s.	0/44	40.0mg	0/44						
3,3'-DICHLOROBENZIDINE.2HCl 612-83-9												
1977	2594	n.s.s.	12.3mg	2/21	120.mg	18/18					Osanai;jsol,52,179-201;1976	
1,4-DICHLOROBUTENE-2 (65% trans-, 35% cis-) 764-41-0												
1978	2645m	.181mg	.326mg	0/128	.757mg	113/128					Mullin;dact,25,227-230;2002/2000	
a	2645m	4.95mg	349.mg	0/128	.757mg	5/128						
1979	2645n	.420mg	1.27mg	0/128	.191mg	22/128						
a	2645n	2.05mg	n.s.s.	0/128	.191mg	2/128						
1980	2644	.328mg	.715mg	1/159	21.2ug	4/144	63.6ug	14/148	.212mg	35/126	Mullin;dact,23,403-417;2000/2002	
a	2644	.442mg	1.05mg	0/159	21.2ug	3/144	63.6ug	12/148	.212mg	23/126		
b	2644	.742mg	2.56mg	1/159	21.2ug	1/144	63.6ug	2/148	.212mg	18/126		
c	2644	1.06mg	4.50mg	0/159	21.2ug	0/144	63.6ug	2/148	.212mg	11/126		
d	2644	2.69mg	531.mg	0/159	21.2ug	0/144	63.6ug	0/148	.212mg	3/126		
e	2644	2.69mg	531.mg	0/159	21.2ug	0/144	63.6ug	0/148	.212mg	3/126		
1981	2645m	.127mg	.227mg	0/127	.530mg	114/129					Mullin;dact,25,227-230;2002/2000	
a	2645m	5.72mg	n.s.s.	0/127	.530mg	2/129						
1982	2645n	.206mg	.510mg	0/127	.134mg	33/130						
a	2645n	.521mg	2.64mg	0/127	.134mg	11/130						
trans-1,4-DICHLOROBUTENE-2 110-57-6												
1983	582	.373mg	n.s.s.	0/30	.286mg	2/30					Van Duuren;canr,35,2553-2557;1975	
2,7-DICHLORODIBENZO-p-DIOXIN (DCDD) 33857-26-0												
1984	TR123	2.30gm	n.s.s.	15/50	636.mg	18/50	1.19gm	9/50				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	TR123	n.s.s.	n.s.s.	0/50	636.mg	1/50	1.19gm	0/50			liv:hpa,hpc,nnd.
b	TR123	8.39gm	n.s.s.	3/50	636.mg	2/50	1.19gm	0/50			lun:a/a,a/c.
1985	TR123	831.mg	9.58gm	0/50	540.mg	7/50	(1.09gm)	3/50)			---:leu,lym.
a	TR123	1.04gm	281.gm	0/50	540.mg	5/50	(1.09gm)	1/50)			---:hem,hes.
b	TR123	885.mg	n.s.s.	8/50	540.mg	20/50	1.09gm	17/50			liv:hpa,hpc.
c	TR123	787.mg	n.s.s.	19/50	540.mg	30/50	1.09gm	25/50			
d	TR123	885.mg	n.s.s.	8/50	540.mg	20/50	1.09gm	17/50			liv:hpa,hpc,nnd.
e	TR123	3.95gm	n.s.s.	8/50	540.mg	5/50	1.09gm	5/50			lun:a/a,a/c.
1986	TR123	456.mg	n.s.s.	26/35	250.mg	22/35	500.mg	16/35			
a	TR123	n.s.s.	n.s.s.	0/35	250.mg	0/35	500.mg	0/35			liv:hpa,hpc,nnd.
1987	TR123	131.mg	n.s.s.	21/35	198.mg	14/35	(396.mg)	6/35)			
a	TR123	716.mg	n.s.s.	1/35	198.mg	0/35	396.mg	1/35			liv:hpa,hpc,nnd.
DICHLORODIFLUOROMETHANE (CFC 12, fluorocarbon 12) 75-71-8											
1988	BT602	1.51gm	n.s.s.	8/90	777.mg	12/60	(3.89gm)	6/60)		Maltoni;anya,534,261-282;1988	
a	BT602	19.1gm	n.s.s.	2/90	777.mg	1/60	3.89gm	3/60			
b	BT602	1.33gm	n.s.s.	9/90	777.mg	14/60	(3.89gm)	6/60)			
c	BT602	8.68gm	n.s.s.	15/90	777.mg	15/60	3.89gm	13/60			
1989	BT602	11.1gm	n.s.s.	3/90	648.mg	3/60	3.24gm	5/60			
a	BT602	5.11gm	n.s.s.	9/90	648.mg	9/60	3.24gm	15/60			
b	BT602	9.46gm	n.s.s.	5/90	648.mg	4/60	3.24gm	7/60			
1990	BT601	8.46gm	n.s.s.	1/150	247.mg	1/90	1.23gm	3/90			
a	BT601	6.91gm	n.s.s.	43/150	247.mg	24/90	1.23gm	18/90			
b	BT601	1.34gm	n.s.s.	124/150	247.mg	71/90	1.23gm	72/90			
1991	BT601	529.mg	n.s.s.	6/150	173.mg	11/90	(864.mg)	5/90)			
a	BT601	2.67gm	n.s.s.	1/150	173.mg	0/90	864.mg	0/90			
b	BT601	221.mg	n.s.s.	51/150	173.mg	42/90	(864.mg)	27/90)			
c	BT601	6.54gm	n.s.s.	25/150	173.mg	16/90	864.mg	9/90			
p,p'-DICHLORODIPHENYL SULFONE 80-07-9											
1992	TR501	7.38mg	121.mg	0/50	3.90mg	6/50	(13.0mg)	3/50	39.0mg	3/50)	lun:a/a,a/c. S
a	TR501	176.mg	n.s.s.	0/50	3.90mg	0/50	13.0mg	0/50	39.0mg	3/50	S
b	TR501	58.9mg	n.s.s.	23/50	3.90mg	28/50	13.0mg	20/50	39.0mg	26/50	
c	TR501	95.7mg	n.s.s.	6/50	3.90mg	5/50	13.0mg	6/50	39.0mg	8/50	liv:hpa,hpb,hpc.
d	TR501	7.38mg	121.mg	0/50	3.90mg	6/50	(13.0mg)	3/50	39.0mg	3/50)	lun:a/a,a/c.
1993	TR501	80.7mg	n.s.s.	32/50	3.60mg	28/50	12.0mg	22/50	36.0mg	21/50	
a	TR501	78.5mg	n.s.s.	15/50	3.60mg	11/50	12.0mg	9/50	36.0mg	13/50	liv:hpa,hpb,hpc.
b	TR501	40.5mg	n.s.s.	13/50	3.60mg	11/50	12.0mg	8/50	(36.0mg)	4/50)	lun:a/a,a/c.
1994	TR501	14.1mg	n.s.s.	43/50	1.50mg	40/50	5.00mg	42/50	15.0mg	36/50	
a	TR501	n.s.s.	n.s.s.	0/50	1.50mg	0/50	5.00mg	0/50	15.0mg	0/50	liv:hpa,hpb,hpc.
1995	TR501	2.97mg	n.s.s.	46/50	.400mg	48/50	1.20mg	45/50	4.00mg	45/50	
a	TR501	13.2mg	n.s.s.	2/50	.400mg	0/50	1.20mg	0/50	4.00mg	3/50	liv:hpa,hpb,hpc.
1,1-DICHLOROETHANE 75-34-3											
1996	TR66	2.03gm	n.s.s.	6/20	1.02gm	6/50	2.04gm	12/50			
a	TR66	10.3gm	n.s.s.	1/20	1.02gm	1/50	2.04gm	0/50			liv:hpa,hpc,nnd.
b	TR66	8.16gm	n.s.s.	1/20	1.02gm	2/50	2.04gm	0/50			lun:a/a,a/c.
1997	TR66	3.89gm	86.3gm	0/80p	1.02gm	0/50	2.04gm	4/50			
1998	TR66	588.mg	n.s.s.	4/20	883.mg	19/50	1.77gm	15/50			
a	TR66	936.mg	n.s.s.	1/20	883.mg	8/50	1.77gm	8/50			liv:hpa,hpc,nnd.
b	TR66	2.67gm	n.s.s.	0/20	883.mg	1/50	1.77gm	4/50			lun:a/a,a/c.
1999	TR66	377.mg	n.s.s.	0/20	238.mg	1/50	477.mg	5/50			
a	TR66	450.mg	n.s.s.	0/20	238.mg	0/50	477.mg	4/50			
b	TR66	119.mg	n.s.s.	4/20	238.mg	12/50	477.mg	18/50			
c	TR66	758.mg	n.s.s.	0/20	238.mg	0/50	477.mg	1/50			liv:hpa,hpc,nnd.
2000	TR66	456.mg	n.s.s.	0/40p	238.mg	0/50	477.mg	4/50			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code	
d	TR55	23.8mg	n.s.s.	0/20	24.0mg	0/50	48.0mg	2/50				liv:hpa,hpc,nnd.	
2013	TR55	4.98mg	61.0mg	1/60p	24.0mg	9/50	48.0mg	7/50					
a	TR55	17.6mg	108.mg	0/60p	24.0mg	5/50	48.0mg	6/50					
b	TR55	17.4mg	121.mg	0/60p	24.0mg	3/50	48.0mg	9/50					
2014	1962	96.7mg	n.s.s.	0/50	17.5mg	1/50					Cheever;faat,14,243-261;1990		
a	1962	110.mg	n.s.s.	1/50	17.5mg	1/50							
b	1962	5.32mg	n.s.s.	47/50	17.5mg	47/50							
2015	1962	50.6mg	n.s.s.	0/50	12.3mg	2/50							
a	1962	76.8mg	n.s.s.	1/50	12.3mg	1/50							
b	1962	4.15mg	n.s.s.	42/50	12.3mg	45/50							
2016	2378	35.8mg	176.mg	8/50	3.01mg	8/50	12.1mg	11/50	48.2mg	25/50		Nagano;apor,741-746;1998/pers.comm.	
a	2378	66.8mg	593.mg	4/50	3.01mg	1/50	12.1mg	6/50	48.2mg	13/50			
b	2378	141.mg	1.59gm	0/50	3.01mg	0/50	12.1mg	1/50	48.2mg	5/50			
c	2378	78.5mg	n.s.s.	3/50	3.01mg	5/50	12.1mg	5/50	48.2mg	11/50			
d	2378	155.mg	n.s.s.	1/50	3.01mg	2/50	12.1mg	0/50	48.2mg	5/50			
e	2378	23.7mg	n.s.s.	0/50	3.01mg	0/50	12.1mg	0/50	48.2mg	0/50			
2017	2378	80.2mg	15.1gm	1/50	2.11mg	2/50	8.44mg	1/50	33.8mg	7/50			
a	2378	99.0mg	1.12gm	0/50	2.11mg	0/50	8.44mg	1/50	33.8mg	5/50			
b	2378	42.3mg	n.s.s.	6/50	2.11mg	9/50	8.44mg	12/50	33.8mg	15/50			
c	2378	65.7mg	n.s.s.	2/50	2.11mg	5/50	8.44mg	6/50	33.8mg	8/50			
d	2378	101.mg	n.s.s.	1/50	2.11mg	1/50	8.44mg	1/50	33.8mg	5/50			
e	2378	158.mg	n.s.s.	2/50	2.11mg	1/50	8.44mg	3/50	33.8mg	2/50			
2018	1001m	19.7mg	n.s.s.	0/90	1.08mg	0/90	2.15mg	0/90	10.4mg	0/90	39.8mg	0/90	Maltoni;banb,5,3-33;1980
a	1001m	117.mg	n.s.s.	52/90	1.08mg	65/90	2.15mg	43/90	10.4mg	58/90	39.8mg	52/90	
b	1001m	111.mg	n.s.s.	56/90	1.08mg	65/90	2.15mg	43/90	10.4mg	56/90	39.8mg	54/90	
2019	1001n	14.6mg	n.s.s.	38/90	1.08mg	65/90	2.15mg	43/90	10.4mg	58/90	(39.8mg	52/90)	
a	1001n	19.7mg	n.s.s.	0/90	1.08mg	0/90	2.15mg	0/90	10.4mg	0/90	39.8mg	0/90	
b	1001n	16.4mg	n.s.s.	38/90	1.08mg	65/90	2.15mg	43/90	10.4mg	56/90	(39.8mg	54/90)	
2020	1001m	15.9mg	n.s.s.	0/90	.670mg	0/90	1.79mg	0/89	7.09mg	0/90	26.8mg	0/89	
a	1001m	45.6mg	n.s.s.	14/90	.670mg	30/90	1.79mg	13/89	7.09mg	20/90	(26.8mg	15/89)	
2021	1001n	15.9mg	n.s.s.	0/90	.670mg	0/90	1.79mg	0/89	7.09mg	0/90	26.8mg	0/89	
a	1001n	51.5mg	n.s.s.	17/90	.670mg	30/90	1.79mg	13/89	7.09mg	20/90	(26.8mg	15/89)	
2,4-DICHLOROPHENOL 120-83-2													
2022	TR353	2.31gm	n.s.s.	26/50	638.mg	18/50	1.29gm	21/50					
a	TR353	8.98gm	n.s.s.	2/50	638.mg	3/50	1.29gm	0/50				liv:hpa,hpc,nnd.	
b	TR353	7.95gm	n.s.s.	3/50	638.mg	1/50	1.29gm	2/50				lun:a/a,a/c.	
2023	TR353	3.77gm	n.s.s.	0/50	589.mg	0/50	1.19gm	3/50				for:sgc,sgp. S	
a	TR353	1.20gm	n.s.s.	29/50	589.mg	29/50	1.19gm	24/50					
b	TR353	1.93gm	n.s.s.	10/50	589.mg	12/50	1.19gm	9/50				liv:hpa,hpc,nnd.	
c	TR353	2.85gm	n.s.s.	3/50	589.mg	2/50	1.19gm	5/50				lun:a/a,a/c.	
2024	TR353	254.mg	n.s.s.	47/50	123.mg	36/50	248.mg	44/50					
a	TR353	n.s.s.	n.s.s.	0/50	123.mg	1/50	248.mg	0/50				liv:hpa,hpc,nnd.	
2025	TR353	343.mg	n.s.s.	48/50	196.mg	38/50	396.mg	41/50					
a	TR353	748.mg	n.s.s.	5/50	196.mg	1/50	(396.mg	1/50)				liv:hpa,hpc,nnd.	
alpha-(2,4-DICHLOROPHENOXY)PROPIONIC ACID (2-(2,4-dichlorophenoxy)propionic acid) 120-36-5													
2026	1230	37.9mg	n.s.s.	0/17	36.4mg	1/18						Innes;ntis,1968/1969	
a	1230	43.3mg	n.s.s.	1/17	36.4mg	1/18							
b	1230	17.4mg	n.s.s.	2/17	36.4mg	5/18							
2027	1238	4.05mg	n.s.s.	1/17	3.89mg	1/16							
a	1238	6.85mg	n.s.s.	0/17	3.89mg	0/16							
b	1238	4.49mg	n.s.s.	2/17	3.89mg	1/16							
2028	1230	37.6mg	n.s.s.	1/18	33.9mg	1/17							
a	1230	41.7mg	n.s.s.	2/18	33.9mg	1/17							
b	1230	32.7mg	n.s.s.	3/18	33.9mg	2/17							

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
2029	1238	3.38mg	n.s.s.	2/18	3.62mg	2/18					
a	1238	4.28mg	n.s.s.	1/18	3.62mg	1/18					
b	1238	1.84mg	n.s.s.	3/18	3.62mg	5/18					
2030	1230	35.8mg	n.s.s.	0/16	36.4mg	1/17					
a	1230	68.1mg	n.s.s.	0/16	36.4mg	0/17					
b	1230	26.1mg	n.s.s.	0/16	36.4mg	2/17					
2031	1238	7.71mg	n.s.s.	0/16	3.89mg	0/18					
a	1238	7.71mg	n.s.s.	0/16	3.89mg	0/18					
b	1238	7.71mg	n.s.s.	0/16	3.89mg	0/18					
2032	1230	24.3mg	n.s.s.	0/16	33.9mg	2/17					
a	1230	63.4mg	n.s.s.	0/16	33.9mg	0/17					
b	1230	24.3mg	n.s.s.	0/16	33.9mg	2/17					
2033	1238	1.46mg	n.s.s.	0/16	3.62mg	4/15					
a	1238	5.98mg	n.s.s.	0/16	3.62mg	0/15					
b	1238	1.04mg	11.7mg	0/16	3.62mg	6/15					
alpha-(2,5-DICHLOROPHOXY) PROPIONIC ACID 6965-71-5											
2034	1231	16.0mg	n.s.s.	1/17	13.4mg	1/18				Innes;ntis,1968/1969	
a	1231	26.6mg	n.s.s.	0/17	13.4mg	0/18					
b	1231	17.7mg	n.s.s.	2/17	13.4mg	1/18					
2035	1231	15.4mg	n.s.s.	2/18	12.5mg	1/17					
a	1231	23.5mg	n.s.s.	1/18	12.5mg	0/17					
b	1231	16.5mg	n.s.s.	3/18	12.5mg	1/17					
2036	1231	25.1mg	n.s.s.	0/16	13.4mg	0/17					
a	1231	25.1mg	n.s.s.	0/16	13.4mg	0/17					
b	1231	25.1mg	n.s.s.	0/16	13.4mg	0/17					
2037	1231	9.00mg	n.s.s.	0/16	12.5mg	2/17					
a	1231	9.00mg	n.s.s.	0/16	12.5mg	2/17					
b	1231	4.25mg	57.2mg	0/16	12.5mg	6/17					
2,4-DICHLOROPHOXYACETIC ACID (2,4-D) 94-75-7											
2038	1232	64.6mg	n.s.s.	1/17	20.4mg	0/16	44.3mg	1/15		Innes;ntis,1968/1969	
a	1232	24.1mg	n.s.s.	0/17	20.4mg	0/16	44.3mg	0/15			
b	1232	43.4mg	n.s.s.	2/17	20.4mg	1/16	44.3mg	2/15			
2039	1232	22.2mg	n.s.s.	1/18	19.0mg	0/18	41.2mg	0/12			
a	1232	40.0mg	n.s.s.	2/18	19.0mg	2/18	41.2mg	1/12			
b	1232	45.0mg	n.s.s.	3/18	19.0mg	2/18	41.2mg	1/12			
2040	1232	20.1mg	n.s.s.	0/16	20.4mg	1/17					
a	1232	38.2mg	n.s.s.	0/16	20.4mg	0/17					
b	1232	20.1mg	n.s.s.	0/16	20.4mg	1/17					
2041	2286	756.mg	n.s.s.	5/50	5.00mg	11/50	150.mg	8/50	300.mg	10/50	Charles;faat,33,166-172;1996
a	2286	3.10gm	n.s.s.	1/50	5.00mg	2/50	150.mg	0/50	300.mg	1/50	
2042	1232	35.5mg	n.s.s.	0/16	19.0mg	0/17					Innes;ntis,1968/1969
a	1232	35.5mg	n.s.s.	0/16	19.0mg	0/17					
b	1232	13.6mg	n.s.s.	0/16	19.0mg	2/17					
2043	2286	193.mg	n.s.s.	12/50	5.00mg	9/50	62.5mg	13/50	125.mg	16/50	Charles;faat,33,166-172;1996
a	2286	486.mg	n.s.s.	6/50	5.00mg	3/50	62.5mg	7/50	125.mg	4/50	
2044	2286	940.mg	n.s.s.	1/50	150.mg	1/50					
2045	2286	829.mg	n.s.s.	0/50	150.mg	1/50					
2,4-DICHLOROPHOXYACETIC ACID, n-BUTYL ESTER 94-80-4											
2046	1237	36.0mg	n.s.s.	0/17	20.4mg	0/16					Innes;ntis,1968/1969
a	1237	36.0mg	n.s.s.	1/17	20.4mg	0/16					
b	1237	36.0mg	n.s.s.	2/17	20.4mg	0/16					
2047	1237	24.9mg	n.s.s.	2/18	19.0mg	1/18					
a	1237	37.6mg	n.s.s.	1/18	19.0mg	0/18					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	1237	14.9mg	n.s.s.	3/18	19.0mg	3/18				
2048	1237	40.5mg	n.s.s.	0/16	20.4mg	0/18				
a	1237	40.5mg	n.s.s.	0/16	20.4mg	0/18				
b	1237	10.2mg	n.s.s.	0/16	20.4mg	4/18				
2049	1237	14.5mg	n.s.s.	0/16	19.0mg	2/18				
a	1237	19.8mg	n.s.s.	0/16	19.0mg	1/18				
b	1237	11.5mg	n.s.s.	0/16	19.0mg	3/18				
2,4-DICHLOROPHENOXYACETIC ACID, ISOCTYL ESTER 25168-26-7										
2050	1236	33.8mg	n.s.s.	0/17	18.1mg	0/17			Innes;ntis,1968/1969	
a	1236	33.8mg	n.s.s.	1/17	18.1mg	0/17				
b	1236	22.3mg	n.s.s.	2/17	18.1mg	1/17				
2051	1236	15.7mg	n.s.s.	2/18	16.8mg	2/18				
a	1236	19.9mg	n.s.s.	1/18	16.8mg	1/18				
b	1236	13.2mg	n.s.s.	3/18	16.8mg	3/18				
2052	1236	10.3mg	n.s.s.	0/16	18.1mg	3/17				
a	1236	33.8mg	n.s.s.	0/16	18.1mg	0/17				
b	1236	8.46mg	n.s.s.	0/16	18.1mg	4/17				
2053	1236	9.56mg	n.s.s.	0/16	16.8mg	3/17				
a	1236	31.4mg	n.s.s.	0/16	16.8mg	0/17				
b	1236	6.65mg	239.mg	0/16	16.8mg	5/17				
2,4-DICHLOROPHENOXYACETIC ACID, ISOPROPYL ESTER 94-11-1										
2054	1235	15.4mg	n.s.s.	0/17	15.7mg	1/17			Innes;ntis,1968/1969	
a	1235	29.3mg	n.s.s.	1/17	15.7mg	0/17				
b	1235	10.5mg	n.s.s.	2/17	15.7mg	3/17				
2055	1235	13.7mg	n.s.s.	2/18	14.6mg	2/18				
a	1235	29.0mg	n.s.s.	1/18	14.6mg	0/18				
b	1235	11.5mg	n.s.s.	3/18	14.6mg	3/18				
2056	1235	16.3mg	n.s.s.	0/16	15.7mg	1/18				
a	1235	16.3mg	n.s.s.	0/16	15.7mg	1/18				
b	1235	12.0mg	n.s.s.	0/16	15.7mg	2/18				
2057	1235	7.32mg	n.s.s.	0/16	14.6mg	4/18				
a	1235	15.2mg	n.s.s.	0/16	14.6mg	1/18				
b	1235	6.20mg	361.mg	0/16	14.6mg	5/18				
3-(3,4-DICHLOROPHENYL)-1,1-DIMETHYLUREA (karmex, diuron) 330-54-1										
2058	1276	215.mg	n.s.s.	1/17	193.mg	1/17			Innes;ntis,1968/1969	
a	1276	361.mg	n.s.s.	0/17	193.mg	0/17				
b	1276	170.mg	n.s.s.	2/17	193.mg	2/17				
2059	1276	95.6mg	n.s.s.	2/18	180.mg	4/17				
a	1276	336.mg	n.s.s.	1/18	180.mg	0/17				
b	1276	70.7mg	n.s.s.	3/18	180.mg	6/17				
2060	1276	147.mg	n.s.s.	0/16	193.mg	2/18				
a	1276	382.mg	n.s.s.	0/16	193.mg	0/18				
b	1276	117.mg	n.s.s.	0/16	193.mg	3/18				
2061	1276	187.mg	n.s.s.	0/16	180.mg	1/18				
a	1276	187.mg	n.s.s.	0/16	180.mg	1/18				
b	1276	109.mg	n.s.s.	0/16	180.mg	3/18				
2,4-DICHLOROPHENYLBENZENE SULFONATE (genite-R99) 97-16-5										
2062	1288	267.mg	n.s.s.	1/17	339.mg	2/17			Innes;ntis,1968/1969	
a	1288	634.mg	n.s.s.	0/17	339.mg	0/17				
b	1288	182.mg	n.s.s.	2/17	339.mg	4/17				
2063	1288	181.mg	n.s.s.	2/18	316.mg	4/18				
a	1288	626.mg	n.s.s.	1/18	316.mg	0/18				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	1288	196.mg	n.s.s.	3/18	316.mg	4/18				
2064	1288	313.mg	n.s.s.	0/16	339.mg	1/16				
a	1288	597.mg	n.s.s.	0/16	339.mg	0/16				
b	1288	228.mg	n.s.s.	0/16	339.mg	2/16				
2065	1288	107.mg	1.44gm	0/16	316.mg	6/17				
a	1288	227.mg	n.s.s.	0/16	316.mg	2/17				
b	1288	92.7mg	837.mg	0/16	316.mg	7/17				
1,2-DICHLOROPROPANE (propylene dichloride) 78-87-5										
2066	TR263	168.mg	6.75gm	2/50	86.8mg	8/50	175.mg	9/50		liv:hpa,hpc.
a	TR263	235.mg	n.s.s.	1/50	86.8mg	5/50	175.mg	5/50		
b	TR263	387.mg	n.s.s.	0/50	86.8mg	2/50	175.mg	3/50		for: sqc, sqp. S
c	TR263	92.1mg	n.s.s.	35/50	86.8mg	29/50	175.mg	34/50		
d	TR263	168.mg	6.75gm	2/50	86.8mg	8/50	175.mg	9/50		liv:hpa,hpc,nnd.
e	TR263	1.07gm	n.s.s.	6/50	86.8mg	1/50	175.mg	1/50		lun:a/a,a/c.
2067	TR263	98.6mg	n.s.s.	18/50	86.8mg	26/50	175.mg	33/50		liv:hpa,hpc.
a	TR263	165.mg	n.s.s.	7/50	86.8mg	10/50	175.mg	17/50		
b	TR263	524.mg	n.s.s.	0/50	86.8mg	1/50	175.mg	3/50		S
c	TR263	102.mg	n.s.s.	33/50	86.8mg	36/50	175.mg	42/50		
d	TR263	98.6mg	n.s.s.	18/50	86.8mg	26/50	175.mg	33/50		liv:hpa,hpc,nnd.
e	TR263	312.mg	n.s.s.	11/50	86.8mg	8/50	175.mg	12/50		lun:a/a,a/c.
2068	TR263	294.mg	n.s.s.	1/50	86.8mg	2/50	175.mg	5/50		
a	TR263	72.5mg	n.s.s.	42/50	86.8mg	46/50	175.mg	30/50		
b	TR263	2.18gm	n.s.s.	1/50	86.8mg	0/50	175.mg	0/50		liv:hpa,hpc,nnd.
2069	TR263	29.8mg	n.s.s.	45/50	42.8mg	37/50	86.4mg	43/50		
a	TR263	208.mg	n.s.s.	3/50	42.8mg	3/50	86.4mg	2/50		liv:hpa,hpc,nnd.
DICHLORVOS (DDVP, Vapona) 62-73-7										
2070	TR10	86.5mg	n.s.s.	1/10	35.1mg	11/50	70.2mg	9/50		
a	TR10	n.s.s.	n.s.s.	0/10	35.1mg	0/50	70.2mg	0/50		liv:hpa,hpc,nnd.
b	TR10	277.mg	n.s.s.	0/10	35.1mg	1/50	70.2mg	1/50		lun:a/a,a/c.
2071	TR342	26.8mg	n.s.s.	5/50	14.0mg	6/50	28.0mg	19/50		for: sqc, sqp. S
a	TR342	28.2mg	n.s.s.	5/50	14.0mg	6/50	28.0mg	18/50		
b	TR342	31.8mg	n.s.s.	37/50	14.0mg	26/50	28.0mg	37/50		
c	TR342	75.7mg	n.s.s.	6/50	14.0mg	4/50	28.0mg	7/50		liv:hpa,hpc,nnd.
d	TR342	63.6mg	n.s.s.	3/50	14.0mg	3/50	28.0mg	6/50		lun:a/a,a/c.
2072	TR10	20.1mg	n.s.s.	1/10	32.4mg	22/50	(64.8mg)	14/50		
a	TR10	76.1mg	n.s.s.	0/10	32.4mg	12/50	64.8mg	7/50		liv:hpa,hpc,nnd.
b	TR10	103.mg	n.s.s.	0/10	32.4mg	7/50	64.8mg	5/50		lun:a/a,a/c.
2073	TR342	28.9mg	n.s.s.	1/50	7.01mg	1/50	14.0mg	5/50		
a	TR342	7.52mg	n.s.s.	37/50	7.01mg	41/50	14.0mg	37/50		
b	TR342	12.5mg	n.s.s.	16/50	7.01mg	18/50	14.0mg	20/50		liv:hpa,hpc,nnd.
c	TR342	17.2mg	n.s.s.	10/50	7.01mg	15/50	14.0mg	10/50		lun:a/a,a/c.
2074	TR10	5.73mg	n.s.s.	8/10	5.50mg	34/50	(11.9mg)	30/50		
a	TR10	75.7mg	n.s.s.	1/10	5.50mg	3/50	11.9mg	1/50		liv:hpa,hpc,nnd.
2075	TR342	1.65mg	n.s.s.	9/50	2.80mg	19/50	(5.61mg)	16/50		
a	TR342	3.66mg	n.s.s.	9/50	2.80mg	19/50	5.61mg	17/50		mgl: ade, fba. S
b	TR342	11.1mg	n.s.s.	0/50	2.80mg	3/50	5.61mg	3/50		sub: fbs, fib. S
c	TR342	3.91mg	n.s.s.	11/50	2.80mg	20/50	5.61mg	17/50		mgl: ade, car, fba.
d	TR342	13.6mg	n.s.s.	1/50	2.80mg	1/50	5.61mg	4/50		
e	TR342	2.62mg	n.s.s.	47/50	2.80mg	46/50	5.61mg	46/50		
f	TR342	20.5mg	n.s.s.	0/50	2.80mg	1/50	5.61mg	1/50		liv:hpa,hpc,nnd.
2076	TR10	8.10mg	n.s.s.	6/10	4.40mg	21/50	9.50mg	33/50		
a	TR10	n.s.s.	n.s.s.	0/10	4.40mg	0/50	9.50mg	0/50		liv:hpa,hpc,nnd.
2077	TR342	1.62mg	31.1mg	25/50	2.80mg	37/50	5.61mg	41/50		---: mnl; pan: ade. P
a	TR342	2.09mg	44.6mg	16/50	2.80mg	25/50	5.61mg	30/50		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	TR342	3.24mg	n.s.s.	11/50	2.80mg	20/50	5.61mg	21/50			
c	TR342	15.5mg	n.s.s.	0/50	2.80mg	0/50	5.61mg	3/50			S
d	TR342	2.34mg	n.s.s.	48/50	2.80mg	45/50	5.61mg	45/50			
e	TR342	12.7mg	n.s.s.	1/50	2.80mg	3/50	5.61mg	2/50			
2078	96	1.97mg	172.mg	7/47	18.9ug	5/47	.189mg	12/47	1.89mg	16/46	liv:hpa,hpc,nnd. Blair;artx,35,281-294;1976
a	96	.165mg	n.s.s.	0/47	18.9ug	0/47	.189mg	0/47	1.89mg	0/46	
b	96	1.48mg	n.s.s.	36/47	18.9ug	28/47	.189mg	36/47	1.89mg	33/46	
2079	96	2.76mg	n.s.s.	4/50	13.3ug	10/50	.133mg	6/50	1.33mg	10/50	
a	96	8.14mg	n.s.s.	0/50	13.3ug	0/50	.133mg	0/50	1.33mg	1/50	
b	96	5.04mg	n.s.s.	2/50	13.3ug	9/50	.133mg	5/50	1.33mg	5/50	
c	96	1.97mg	n.s.s.	18/50	13.3ug	30/50	.133mg	26/50	1.33mg	24/50	
DICHROMATE, SODIUM 10588-01-9											
2080	2346	1.40mg	n.s.s.	0/37	.105mg	0/18	.210mg	0/18	.419mg	3/19	Glaser;txcy,42,219-232;1986
a	2346	1.74mg	n.s.s.	0/37	.105mg	0/18	.210mg	0/18	.419mg	2/19	
b	2346	2.34mg	n.s.s.	0/37	.105mg	0/18	.210mg	0/18	.419mg	1/19	
c	2346	2.34mg	n.s.s.	0/37	.105mg	0/18	.210mg	0/18	.419mg	1/19	
d	2346	2.34mg	n.s.s.	0/37	.105mg	0/18	.210mg	0/18	.419mg	1/19	
e	2346	.268mg	n.s.s.	24/37	.105mg	7/18	.210mg	13/18	.419mg	15/19	
DICOFOL (kelthane) 115-32-2											
2081	TR90	65.1mg	n.s.s.	5/20	13.0mg	6/50	26.0mg	8/50			
a	TR90	309.mg	n.s.s.	1/20	13.0mg	0/50	26.0mg	0/50			liv:hpa,hpc,nnd.
b	TR90	296.mg	n.s.s.	1/20	13.0mg	0/50	26.0mg	0/50			lun:a/a,a/c.
2082	TR90	15.9mg	n.s.s.	3/20	26.4mg	23/50	54.0mg	36/50			liv:hpa,hpc.
a	TR90	16.8mg	n.s.s.	3/20	26.4mg	22/50	54.0mg	35/50			
b	TR90	16.1mg	n.s.s.	5/20	26.4mg	34/50	54.0mg	38/50			
c	TR90	15.9mg	n.s.s.	3/20	26.4mg	23/50	54.0mg	36/50			liv:hpa,hpc,nnd.
d	TR90	114.mg	n.s.s.	1/20	26.4mg	2/50	54.0mg	5/50			lun:a/a,a/c.
2083	TR90	46.3mg	n.s.s.	16/20	13.0mg	27/50	26.0mg	28/50			
a	TR90	n.s.s.	n.s.s.	0/20	13.0mg	0/50	26.0mg	0/50			liv:hpa,hpc,nnd.
2084	TR90	13.4mg	n.s.s.	10/20	12.8mg	23/50	(26.4mg)	16/50)			
a	TR90	103.mg	n.s.s.	0/20	12.8mg	1/50	26.4mg	1/50			liv:hpa,hpc,nnd.
N,N'-DICYCLOHEXYLTHIOUREA 1212-29-9											
2085	TR56	4.84gm	n.s.s.	36/49	3.25gm	37/50	6.50gm	37/50			
a	TR56	30.1gm	n.s.s.	5/49	3.25gm	2/50	6.50gm	3/50			liv:hpa,hpc,nnd.
b	TR56	23.9gm	n.s.s.	4/49	3.25gm	2/50	6.50gm	4/50			lun:a/a,a/c.
2086	TR56	4.43gm	n.s.s.	39/50	3.00gm	37/50	6.00gm	39/50			
a	TR56	6.61gm	n.s.s.	26/50	3.00gm	18/50	6.00gm	25/50			liv:hpa,hpc,nnd.
b	TR56	13.6gm	n.s.s.	9/50	3.00gm	5/50	6.00gm	9/50			lun:a/a,a/c.
2087	TR56	3.02gm	n.s.s.	48/50	1.25gm	31/50	2.50gm	43/50			
a	TR56	15.2gm	n.s.s.	1/50	1.25gm	1/50	2.50gm	1/50			liv:hpa,hpc,nnd.
2088	TR56	2.45gm	n.s.s.	4/50	1.00gm	9/50	2.00gm	12/50			S
a	TR56	3.32gm	n.s.s.	1/50	1.00gm	7/50	2.00gm	6/50			thy:fca,fcc.S
b	TR56	7.90gm	n.s.s.	0/50	1.00gm	0/50	2.00gm	3/50			S
c	TR56	1.18gm	n.s.s.	36/50	1.00gm	36/50	2.00gm	43/50			
d	TR56	5.92gm	n.s.s.	0/50	1.00gm	3/50	2.00gm	2/50			liv:hpa,hpc,nnd.
DICYCLOPENTADIENE DIOXIDE 81-21-0											
2089	381	407.mg	n.s.s.	3/13	493.mg	2/19	1.04gm	0/15			Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973
a	381	n.s.s.	n.s.s.	0/13	493.mg	0/19	1.04gm	0/15			
b	381	232.mg	n.s.s.	9/13	493.mg	7/19	1.04gm	1/15			
2090	381	140.mg	12.1gm	2/16	455.mg	5/15	(909.mg)	2/16)			
a	381	380.mg	n.s.s.	2/16	455.mg	3/15	909.mg	3/16			
b	381	66.5mg	962.mg	9/16	455.mg	13/15	(909.mg)	8/16)			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
2091	381	309.mg	n.s.s.	1/17	120.mg	1/19	240.mg	1/13				
a	381	74.5mg	n.s.s.	13/17	120.mg	10/19	240.mg	9/13				
DIELDRIIN 60-57-1												
2092	1000	28.7mg	n.s.s.	0/6	2.09mg	0/2	6.27mg	0/8	18.8mg	1/9		Cabral;clet,6,241-246;1979
a	1000	11.8mg	n.s.s.	0/39	2.09mg	0/32	6.27mg	0/34	18.8mg	0/38		
b	1000	54.3mg	n.s.s.	5/39	2.09mg	1/32	6.27mg	5/34	18.8mg	5/38		
2093	1000	32.2mg	n.s.s.	0/2	1.84mg	0/3	5.52mg	0/5	16.6mg	1/13		
a	1000	119.mg	n.s.s.	0/40	1.84mg	0/32	5.52mg	0/32	16.6mg	1/40		
b	1000	26.5mg	n.s.s.	3/40	1.84mg	5/32	5.52mg	5/32	16.6mg	10/40		
2094	TR21	.878mg	n.s.s.	3/20	.290mg	13/50	.560mg	9/50				
a	TR21	.446mg	n.s.s.	0/20	.290mg	6/50	(.560mg	2/50)				liv:hpa,hpc,nnd.
b	TR21	1.75mg	n.s.s.	0/20	.290mg	2/50	.560mg	2/50				lun:a/a,a/c.
2095	TR21	.399mg	n.s.s.	4/20	.260mg	14/50	.520mg	18/50				
a	TR21	.422mg	n.s.s.	3/20	.260mg	12/50	.520mg	16/50				liv:hpa,hpc,nnd.
b	TR21	1.30mg	n.s.s.	1/20	.260mg	4/50	.520mg	3/50				lun:a/a,a/c.
2096	TR21	.508mg	n.s.s.	17/95p	.260mg	12/50	.520mg	16/50				
2097	20a	2.40mg	10.6mg	9/134	1.25mg	36/148						Davis;txap,4,187-189;1962
a	20a	27.8mg	n.s.s.	3/134	1.25mg	1/148						
b	20a	38.1mg	n.s.s.	0/134	1.25mg	0/148						
2098	22a	1.95mg	6.43mg	27/200	1.25mg	69/200						Epstein(review){H J Davis};stev,4,1-52;1975
a	22a	16.8mg	n.s.s.	4/200	1.25mg	5/200						
b	22a	1.94mg	6.79mg	30/200	1.25mg	71/200						
c	22a	24.7mg	n.s.s.	21/200	1.25mg	9/200						
2099	89	.298mg	1.27mg	10/44	1.30mg	26/30						Thorpe;fctx,11,433-442;1973
a	89	.842mg	3.48mg	0/44	1.30mg	14/30						
b	89	4.36mg	n.s.s.	27/44	1.30mg	8/30						
2100	103a	.300mg	2.84mg	48/297	12.8ug	23/90	.124mg	30/87	(1.30mg	15/148)		Walker;fctx,11,415-432;1973
a	103a	.481mg	.870mg	39/297	12.8ug	24/90	.124mg	32/87	1.30mg	136/148		
b	103a	1.49mg	2.66mg	0/297	12.8ug	4/90	.124mg	5/87	1.30mg	81/148		
c	103a	.624mg	n.s.s.	18/297	12.8ug	12/90	.124mg	12/87	(1.30mg	0/148)		
2101	103b	.959mg	2.69mg	8/78	.162mg	5/30	.325mg	12/28	.650mg	18/30	1.30mg	9/17 2.60mg 16/21
a	103b	4.87mg	29.5mg	0/78	.162mg	0/30	.325mg	1/28	.650mg	5/30	1.30mg	2/17 2.60mg 3/21
b	103b	2.03mg	n.s.s.	24/78	.162mg	7/30	.325mg	3/28	(.650mg	3/30	1.30mg	1/17 2.60mg 0/21)
c	103b	30.6mg	n.s.s.	8/78	.162mg	0/30	.325mg	0/28	.650mg	1/30	1.30mg	0/17 2.60mg 0/21
2102	103c	.978mg	31.8mg	0/22	1.30mg	5/22						
a	103c	.438mg	n.s.s.	5/22	1.30mg	13/22						
b	103c	2.93mg	n.s.s.	7/22	1.30mg	2/22						
c	103c	4.41mg	n.s.s.	0/22	1.30mg	0/22						
2103	103d	1.20mg	n.s.s.	3/28	1.30mg	8/19						
a	103d	2.98mg	n.s.s.	0/28	1.30mg	2/19						
b	103d	7.71mg	n.s.s.	5/28	1.30mg	0/19						
c	103d	7.71mg	n.s.s.	0/28	1.30mg	0/19						
2104	103e	.548mg	5.32mg	4/24	1.30mg	15/24						
a	103e	1.50mg	51.4mg	0/24	1.30mg	5/24						
b	103e	1.41mg	n.s.s.	4/24	1.30mg	7/24						
c	103e	6.68mg	n.s.s.	3/24	1.30mg	0/24						
2105	89	n.s.s.	.469mg	11/45	1.20mg	30/30						Thorpe;fctx,11,433-442;1973
a	89	.682mg	3.03mg	2/45	1.20mg	16/30						
b	89	2.87mg	n.s.s.	27/45	1.20mg	11/30						
2106	103a	.416mg	.729mg	58/288	11.8ug	32/124	.118mg	34/111	1.15mg	165/176		Walker;fctx,11,415-432;1973
a	103a	1.29mg	2.25mg	12/288	11.8ug	5/124	.118mg	9/111	1.15mg	100/176		
b	103a	.439mg	n.s.s.	95/288	11.8ug	47/124	.118mg	42/111	(1.15mg	32/176)		
c	103a	.844mg	n.s.s.	23/288	11.8ug	14/124	.118mg	13/111	(1.15mg	2/176)		
2107	103b	.714mg	2.09mg	9/78	.150mg	6/30	.300mg	13/30	.600mg	26/30	1.20mg	5/11 2.40mg 12/17
a	103b	2.59mg	9.94mg	0/78	.150mg	2/30	.300mg	1/30	.600mg	3/30	1.20mg	1/11 2.40mg 9/17

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
b	103b	3.96mg	n.s.s.	45/78	.150mg	17/30	.300mg	11/30	.600mg	14/30	1.20mg	2/11	(2.40mg	1/17)		
c	103b	14.7mg	n.s.s.	1/78	.150mg	1/30	.300mg	1/30	.600mg	1/30	1.20mg	0/11	2.40mg	0/17		
2108	103c	.420mg	3.87mg	8/23	1.20mg	20/24										
a	103c	1.85mg	n.s.s.	1/23	1.20mg	6/24										
b	103c	4.13mg	n.s.s.	7/23	1.20mg	4/24										
c	103c	8.99mg	n.s.s.	0/23	1.20mg	0/24										
2109	103d	.589mg	n.s.s.	7/30	1.20mg	6/10										
a	103d	1.41mg	n.s.s.	1/30	1.20mg	2/10										
b	103d	2.93mg	n.s.s.	13/30	1.20mg	1/10										
c	103d	3.75mg	n.s.s.	1/30	1.20mg	0/10										
2110	103e	.305mg	3.96mg	10/24	1.06mg	19/22										
a	103e	1.52mg	35.7mg	0/24	1.06mg	5/22										
b	103e	1.93mg	n.s.s.	11/24	1.06mg	8/22										
c	103e	6.86mg	n.s.s.	1/24	1.06mg	0/22										
2111	23	35.4mg	n.s.s.	1/17	22.5ug	4/22	90.0ug	2/23	.450mg	2/18	2.25mg	1/20	4.50mg	0/18		
					6.75mg	0/11									Fitzhugh;fctx,2,551-562;1964	
a	23	23.3mg	n.s.s.	3/17	22.5ug	8/22	90.0ug	8/23	.450mg	4/18	2.25mg	4/20	4.50mg	3/18		
					6.75mg	0/11										
2112	TR21	.635mg	n.s.s.	7/10	1.10mg	39/50	(1.70mg	27/50)								
a	TR21	9.44mg	n.s.s.	0/10	1.10mg	1/50	1.70mg	1/50							liv:hpa,hpc,nnd.	
2113	TR21	1.80mg	22.2mg	0/60p	1.10mg	6/50	(1.70mg	2/50)							adr:coa,coc. S	
2114	TR22	1.62mg	n.s.s.	17/24	.100mg	17/24	.500mg	16/24	2.50mg	14/24						
a	TR22	n.s.s.	n.s.s.	0/24	.100mg	0/24	.500mg	0/24	2.50mg	0/24					liv:hpa,hpc,nnd.	
2115	1004	6.19mg	n.s.s.	0/88	.960mg	0/48	1.44mg	0/41	2.40mg	0/41					Deichmann;imed,39,426-434;1970	
a	1004	15.1mg	n.s.s.	60/88	.960mg	23/48	1.44mg	16/41	2.40mg	16/41						
2116	TR21	.774mg	n.s.s.	5/10	.880mg	24/50	1.36mg	22/50								
a	TR21	7.38mg	n.s.s.	1/10	.880mg	0/50	1.36mg	1/50							liv:hpa,hpc,nnd.	
2117	TR22	1.64mg	n.s.s.	5/24	80.0ug	9/24	.400mg	7/24	2.00mg	9/24						
a	TR22	n.s.s.	n.s.s.	0/24	80.0ug	0/24	.400mg	0/24	2.00mg	0/24					liv:hpa,hpc,nnd.	
2118	1004	4.90mg	n.s.s.	1/75	.768mg	0/48	1.15mg	0/38	1.92mg	0/44					Deichmann;imed,39,426-434;1970	
a	1004	8.93mg	n.s.s.	19/75	.768mg	4/48	1.15mg	7/38	(1.92mg	1/44)						
2119	100	.388mg	n.s.s.	18/43	5.00ug	18/23	50.0ug	16/23	.500mg	13/23					Stevenson;txap,36,247-254;1976	
2120	100	.384mg	n.s.s.	12/43	4.00ug	9/23	40.0ug	5/23	.400mg	9/23						
2121	1002	3.29mg	n.s.s.	6/60	.125mg	7/40	.625mg	7/40	1.25mg	5/40					Cleveland;aenh,13,195-198;1966	
2122	1002	4.09mg	n.s.s.	3/60	.100mg	1/40	.500mg	3/40	1.00mg	2/40						
DIELDRIIN, PHOTO- 13366-73-9																
2123	TR17	.147mg	n.s.s.	3/20	38.0ug	3/50	71.5ug	8/50								
a	TR17	.412mg	n.s.s.	0/20	38.0ug	0/50	71.5ug	1/50							liv:hpa,hpc,nnd.	
b	TR17	.368mg	n.s.s.	1/20	38.0ug	0/50	71.5ug	2/50							lun:a/a,a/c.	
2124	TR17	73.1ug	n.s.s.	3/20	34.0ug	14/50	66.0ug	13/50								
a	TR17	97.7ug	n.s.s.	3/20	34.0ug	10/50	66.0ug	10/50							liv:hpa,hpc,nnd.	
b	TR17	.176mg	n.s.s.	0/20	34.0ug	1/50	66.0ug	4/50							lun:a/a,a/c.	
2125	TR17	.327mg	n.s.s.	0/10	.120mg	5/50	.200mg	9/50							mgl:ade,fba. S	
a	TR17	.106mg	n.s.s.	4/10	.120mg	29/50	.200mg	29/50								
b	TR17	1.30mg	n.s.s.	0/10	.120mg	1/50	.200mg	0/50							liv:hpa,hpc,nnd.	
2126	TR17	.263mg	n.s.s.	5/10	.140mg	23/50	.290mg	21/50								
a	TR17	1.26mg	n.s.s.	0/10	.140mg	0/50	.290mg	1/50							liv:hpa,hpc,nnd.	
2127	TR17	.868mg	n.s.s.	0/75p	.140mg	0/50	.290mg	3/50								S
D,L-DIEPOXYBUTANE 298-18-0																
2128	55	.506mg	n.s.s.	0/5	2.04mg	0/5									Van Duuren;jnci,37,825-838;1966	
DIETHYL-beta,gamma-EPOXYPROPYLPHOSPHONATE 7316-37-2																
2129	1143	5.23mg	n.s.s.	10/30	28.6mg	19/30									Van Duuren;jnci,53,695-700;1974	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology		Brkly Code	
N,N-DIETHYL-4-(4'-[PYRIDYL-1'-OXIDE]AZO)ANILINE 7347-49-1															
2130	1176	n.s.s.	1.63mg	0/10	12.0mg	10/10					Brown;jnci,37,365-367;1966				
N,N-DIETHYL-m-TOLUAMIDE (DEET) 134-62-3															
2131	2608	1.40gm	n.s.s.	29/120	250.mg	15/60	500.mg	14/60	1.00gm	16/60					Schoenig;faat,47,99-109;1999/pers.comm.
a	2608	7.07gm	n.s.s.	1/120	250.mg	0/60	500.mg	0/60	1.00gm	1/60					
b	2608	5.19gm	n.s.s.	1/120	250.mg	2/60	500.mg	0/60	1.00gm	1/60					
2132	2608	976.mg	n.s.s.	2/120	250.mg	5/60	500.mg	4/60	(1.00gm	0/60)					
a	2608	3.13gm	n.s.s.	2/120	250.mg	1/60	500.mg	2/60	1.00gm	3/60					
b	2608	2.03gm	n.s.s.	27/120	250.mg	12/60	500.mg	7/60	1.00gm	14/60					
2133	2608	2.87gm	n.s.s.	2/120	30.0mg	0/60	100.mg	0/60	400.mg	2/60					
a	2608	4.69gm	n.s.s.	1/120	30.0mg	0/60	100.mg	1/60	400.mg	0/60					
2134	2608	492.mg	n.s.s.	1/119	10.0mg	3/60	30.0mg	2/60	100.mg	2/60					
a	2608	1.05gm	n.s.s.	7/119	10.0mg	2/60	30.0mg	5/60	100.mg	0/60					
O,O-DIETHYL-O-(3,5,6-TRICHLORO-2-PYRIDYL)PHOSPHOROTHIOATE (chlorpyrifos) 2921-88-2															
2135	2634m	16.6ug	n.s.s.	0/10	50.0ug	0/10	.100mg	0/10	1.00mg	0/10	10.0mg	0/10	Yano;faat,53,135-144;2000/pers.comm.		
2136	2634n	.331mg	n.s.s.	0/50	50.0ug	0/50	.100mg	0/50	1.00mg	0/50	10.0mg	0/50			
a	2634n	5.33mg	n.s.s.	44/50	50.0ug	39/50	.100mg	38/50	1.00mg	38/50	10.0mg	42/50			
2137	2634m	16.6ug	n.s.s.	1/10	50.0ug	0/10	.100mg	0/10	1.00mg	0/10	10.0mg	0/10			
2138	2634n	46.9mg	n.s.s.	0/50	50.0ug	0/50	.100mg	0/50	1.00mg	1/50	10.0mg	1/50			
a	2634n	45.4mg	n.s.s.	6/50	50.0ug	12/50	.100mg	9/50	1.00mg	15/50	10.0mg	6/50			
b	2634n	n.s.s.	n.s.s.	50/50	50.0ug	40/50	.100mg	50/50	1.00mg	50/50	10.0mg	50/50			
2139	1333	35.6ug	n.s.s.	0/25	10.0ug	0/25	30.0ug	0/25	.100mg	0/25	1.00mg	0/25	3.00mg	0/25	McCollister;fctx,12,45-61;1974
a	1333	4.60mg	n.s.s.	12/25	10.0ug	6/25	30.0ug	11/25	.100mg	4/25	1.00mg	8/25	3.00mg	8/25	
2140	1333	11.5mg	n.s.s.	0/25	10.0ug	0/25	30.0ug	0/25	.100mg	0/25	1.00mg	1/25	3.00mg	0/25	
a	1333	6.32mg	n.s.s.	4/25	10.0ug	2/25	30.0ug	3/25	.100mg	6/25	1.00mg	3/25	3.00mg	4/25	
DIETHYLACETAMIDE 685-91-6															
2141	104	1.44mg	n.s.s.	0/9	.889mg	1/30					Argus;jnci,35,949-958;1965				
a	104	2.71mg	n.s.s.	0/9	.889mg	0/30									
b	104	.854mg	n.s.s.	1/9	.889mg	4/30									
DIETHYLACETYLUREA ---															
2142	1951	7.47mg	n.s.s.	0/15	13.6mg	2/15					Diwan;carc,10,189-194;1989				
a	1951	19.7mg	n.s.s.	0/15	13.6mg	0/15									
(+)-4-DIETHYLAMINO-1, 1-DIMETHYLBUT-2-YN-1-YL 2-CYCLOHEXYL-2-HYDROXY-PHENYLACETATE.HCl MONOHYDRATE (NS-21) ---															
2143	2540	691.mg	n.s.s.	2/50	30.0mg	3/50	100.mg	3/50	300.mg	3/50					Hatch;jtxs,22,275-287;1997
a	2540	1.79gm	n.s.s.	1/50	30.0mg	0/50	100.mg	1/50	300.mg	0/50					
b	2540	374.mg	n.s.s.	19/50	300.mg	16/50									
2144	2540	733.mg	n.s.s.	6/50	30.0mg	11/50	100.mg	3/50	300.mg	6/50					
a	2540	904.mg	n.s.s.	3/50	30.0mg	1/50	100.mg	3/50	300.mg	2/50					
b	2540	400.mg	n.s.s.	22/50	300.mg	17/50									
2145	2536	216.mg	n.s.s.	2/50	10.0mg	8/50	30.0mg	4/50	100.mg	8/50					Hatch;jtxs,22,289-309;1997
a	2536	1.04gm	n.s.s.	0/50	10.0mg	1/50	30.0mg	0/50	100.mg	0/50					
b	2536	1.04gm	n.s.s.	0/50	10.0mg	1/50	30.0mg	0/50	100.mg	0/50					
c	2536	40.1mg	n.s.s.	39/50	100.mg	43/50									
2146	2536	621.mg	n.s.s.	0/50	10.0mg	4/50	30.0mg	1/50	100.mg	1/50					
a	2536	n.s.s.	n.s.s.	50/50	100.mg	50/50									
DIETHYLENE GLYCOL 111-46-6															
2147	2379	5.29gm	n.s.s.	0/50	714.mg	0/50	1.43gm	0/50					Hiasa;jtxp,3,97-104;1990		
a	2379	2.60gm	n.s.s.	31/50	714.mg	28/50	1.43gm	26/50							
2148	2379	8.41gm	n.s.s.	0/50	625.mg	0/50	1.25gm	2/50							

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology		Brkly Code			
a	2379	1.42gm	n.s.s.	46/50	625.mg	46/50	1.25gm	39/50									
2149	105	824.mg	5.28gm	0/12	400.mg	0/12	800.mg	6/12	1.60gm	5/12					Fitzhugh;jiht,28,40-43;1946		
DIETHYLFORMAMIDE 617-84-5																	
2150	104	2.14mg	n.s.s.	0/9	.780mg	0/27										Argus;jnci,35,949-958;1965	
a	104	1.40mg	n.s.s.	1/9	.780mg	1/27											
DIETHYLMALEATE 141-05-9																	
2151	1921	60.6mg	n.s.s.	0/10	78.5mg	0/15										Hirose;carc,10,2223-2226;1989	
a	1921	60.6mg	n.s.s.	0/10	78.5mg	0/15											
2152	2192m	41.2mg	n.s.s.	0/10	80.0mg	0/10										Shibata;carc,14,1265-1269;1993/pers.comm.	
2153	2192n	174.mg	n.s.s.	0/17	80.0mg	1/20											
a	2192n	330.mg	n.s.s.	0/17	80.0mg	0/20											
DIETHYLSTILBESTROL (DES) 56-53-1																	
2154	1936r	34.6ug	62.2ug	7/57	650.ng	8/56	1.30ug	9/61	2.60ug	10/53	5.20ug	16/53	20.8ug	41/61			
41.6ug 47/62 83.2ug 54/60 Greenman;jtxe,29,269-278;1990/1988																	
a	1936r	82.4ug	1.49mg	4/58	650.ng	1/45	1.30ug	3/50	2.60ug	2/50	5.20ug	5/55	20.8ug	10/51			
(41.6ug 2/49 83.2ug 1/53)																	
b	1936r	.567mg	2.19mg	0/72	650.ng	0/71	1.30ug	0/72	2.60ug	0/72	5.20ug	0/71	20.8ug	1/72			
41.6ug 2/68 83.2ug 12/72																	
c	1936r	.810mg	4.69mg	0/67	650.ng	0/71	1.30ug	0/72	2.60ug	0/70	5.20ug	0/70	20.8ug	0/69			
41.6ug 2/66 83.2ug 7/71																	
d	1936r	.839mg	n.s.s.	0/57	650.ng	1/64	1.30ug	0/63	2.60ug	2/66	5.20ug	0/57	20.8ug	5/62			
41.6ug 2/48 83.2ug 3/61																	
e	1936r	1.24mg	n.s.s.	1/57	650.ng	0/56	1.30ug	0/61	2.60ug	0/53	5.20ug	3/53	20.8ug	3/61			
41.6ug 1/62 83.2ug 1/60																	
2155	1936r	52.3ug	84.8ug	1/71	600.ng	1/70	1.20ug	2/70	2.40ug	1/72	4.80ug	1/70	19.2ug	15/68			
38.4ug 56/68 76.8ug 60/71																	
a	1936r	61.2ug	.107mg	0/51	600.ng	1/55	1.20ug	2/52	2.40ug	2/53	4.80ug	6/51	19.2ug	25/56			
38.4ug 34/59 76.8ug 38/57																	
b	1936r	1.01mg	n.s.s.	0/51	600.ng	0/55	1.20ug	0/52	2.40ug	0/53	4.80ug	1/51	19.2ug	2/56			
38.4ug 2/59 76.8ug 0/57																	
2156	1936n	.104mg	.291mg	1/36	650.ng	0/65	1.30ug	0/55	2.60ug	0/56	5.20ug	0/63	20.8ug	10/69			
41.6ug 17/57 (83.2ug 14/57)																	
a	1936n	.137mg	.307mg	0/48	650.ng	0/53	1.30ug	1/51	2.60ug	0/48	5.20ug	0/50	20.8ug	3/53			
41.6ug 3/52 83.2ug 35/65																	
b	1936n	.205mg	.512mg	1/68	650.ng	0/72	1.30ug	1/67	2.60ug	0/68	5.20ug	1/68	20.8ug	2/72			
41.6ug 9/64 83.2ug 23/72																	
c	1936n	.259mg	1.29mg	1/58	650.ng	1/62	1.30ug	4/62	2.60ug	4/57	5.20ug	3/57	20.8ug	6/62			
41.6ug 4/59 83.2ug 16/67																	
d	1936n	.605mg	3.50mg	0/63	650.ng	0/71	1.30ug	0/66	2.60ug	0/66	5.20ug	0/68	20.8ug	1/71			
41.6ug 2/64 83.2ug 6/70																	
e	1936n	.550mg	10.6mg	0/65	650.ng	0/71	1.30ug	0/64	2.60ug	2/65	5.20ug	1/68	20.8ug	1/71			
41.6ug 4/64 83.2ug 4/70																	
f	1936n	.718mg	19.3mg	0/58	650.ng	0/62	1.30ug	1/62	2.60ug	0/57	5.20ug	0/57	20.8ug	1/62			
41.6ug 1/59 83.2ug 4/67																	
g	1936n	1.26mg	n.s.s.	0/48	650.ng	0/53	1.30ug	0/51	2.60ug	0/48	5.20ug	0/50	20.8ug	1/53			
41.6ug 0/52 83.2ug 1/65																	
h	1936n	1.19mg	n.s.s.	0/63	650.ng	0/71	1.30ug	0/66	2.60ug	2/66	5.20ug	0/68	20.8ug	0/71			
41.6ug 2/64 83.2ug 1/70																	
2157	1936n	17.0ug	27.2ug	0/72	600.ng	2/70	1.20ug	2/64	2.40ug	3/68	4.80ug	2/71	19.2ug	40/69			
38.4ug 65/70 76.8ug 69/69																	
a	1936n	95.3ug	.373mg	0/50	600.ng	0/52	1.20ug	1/47	2.40ug	0/46	4.80ug	0/46	19.2ug	10/50			
38.4ug 5/40 (76.8ug 5/56)																	
2158	109m	27.9ug	46.9ug	0/78	30.0ug	48/92	60.0ug	58/94								Okey;jnci,40,225-230;1968	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
					38.4ug 36/64	(76.8ug 24/57)										
b	1936o	1.04mg	n.s.s.	0/52	600.ng	0/49	1.20ug	0/58	2.40ug	1/53	4.80ug	0/47	19.2ug	8/60		
					38.4ug 0/64	76.8ug 0/57										
2172	1936m	17.9ug	39.3ug	21/57	650.ng	22/60	1.30ug	21/65	2.60ug	32/63	5.20ug	49/65	20.8ug	46/53		
					41.6ug 59/62	83.2ug 58/62										
a	1936m	1.65mg	n.s.s.	1/57	650.ng	1/60	1.30ug	4/65	2.60ug	0/63	5.20ug	3/65	20.8ug	1/53		
					41.6ug 0/62	83.2ug 2/62										
b	1936m	.504mg	n.s.s.	13/64	650.ng	11/56	1.30ug	10/51	2.60ug	10/55	5.20ug	16/61	20.8ug	14/48		
					41.6ug 4/60	(83.2ug 0/50)										
2173	1936m	13.3ug	23.7ug	0/52	600.ng	2/57	1.20ug	3/57	2.40ug	13/59	4.80ug	21/59	19.2ug	51/64		
					(38.4ug 39/62)	76.8ug 22/43)										
a	1936m	32.7ug	84.1ug	2/48	600.ng	0/51	1.20ug	1/47	2.40ug	3/48	4.80ug	6/51	19.2ug	27/54		
					(38.4ug 3/58)	76.8ug 0/43)										
b	1936m	.155mg	.489mg	0/70	600.ng	1/71	1.20ug	0/66	2.40ug	0/69	4.80ug	1/69	19.2ug	3/64		
					38.4ug 17/61	(76.8ug 3/52)										
c	1936m	.592mg	6.74mg	0/52	600.ng	0/57	1.20ug	1/57	2.40ug	0/59	4.80ug	1/59	19.2ug	0/64		
					38.4ug 2/62	76.8ug 5/43										
2174	1468r	2.06ug	n.s.s.	0/17	1.30ug	0/38	13.0ug	0/18	65.0ug	0/30					Highman;jept,4,81-95;1980/pers.comm.	
2175	1468s	89.2ug	n.s.s.	0/31	1.30ug	0/40	13.0ug	1/33	65.0ug	2/29						
a	1468s	70.9ug	n.s.s.	0/34	1.30ug	5/42	13.0ug	3/34	65.0ug	4/31						
2176	1468t	48.1ug	n.s.s.	9/29	1.30ug	10/31	13.0ug	12/36	65.0ug	4/11						
2177	1468u	2.14ug	n.s.s.	4/11	1.30ug	3/12										
a	1468u	3.54ug	n.s.s.	3/11	1.30ug	1/12										
2178	108	32.0ug	n.s.s.	0/20	20.0ug	2/20	(.200mg 0/20)								Gibson;txap,11,489-510;1967	
2179	108	74.9ug	n.s.s.	0/20	20.0ug	0/20	.200mg 0/20									
2180	333	53.3ug	.391mg	0/20	.160mg	9/28									Newberne;aenh,19,489-498;1969	
a	333	.118mg	n.s.s.	0/20	.160mg	3/28										
b	333	.118mg	n.s.s.	0/20	.160mg	3/28										
c	333	.198mg	n.s.s.	0/20	.160mg	1/28										
2181	2136	1.44mg	n.s.s.	0/10	10.0mg	3/10									Williams;clet,68,193-198;1993/pers.comm.	
a	2136	1.88mg	n.s.s.	0/10	10.0mg	2/10										
b	2136	2.64mg	n.s.s.	0/10	10.0mg	1/10										
N,N'-DIETHYLTHIOUREA 105-55-5																
2182	TR149	102.mg	n.s.s.	11/20	32.2mg	23/50	64.3mg	15/50								
a	TR149	208.mg	n.s.s.	0/20	32.2mg	1/50	64.3mg	2/50							liv:hpa,hpc,nnd.	
b	TR149	472.mg	n.s.s.	1/20	32.2mg	1/50	64.3mg	0/50							lun:a/a,a/c.	
2183	TR149	77.7mg	n.s.s.	8/19	29.8mg	21/50	59.4mg	23/50								
a	TR149	94.1mg	n.s.s.	5/19	29.8mg	7/50	(59.4mg 3/50)								liv:hpa,hpc,nnd.	
b	TR149	163.mg	n.s.s.	2/19	29.8mg	4/50	59.4mg 6/50								lun:a/a,a/c.	
2184	TR149	14.2mg	55.0mg	0/20	6.20mg	4/50	12.4mg 17/50								thy:fca,fcc.	
a	TR149	27.3mg	774.mg	0/20	6.20mg	1/50	12.4mg 8/50									
b	TR149	6.90mg	n.s.s.	13/20	6.20mg	33/50	12.4mg 41/50									
c	TR149	n.s.s.	n.s.s.	0/20	6.20mg	0/50	12.4mg 0/50								liv:hpa,hpc,nnd.	
2185	TR149	13.5mg	50.0mg	0/20	5.00mg	1/50	9.90mg 15/50								thy:fca,fcc.	
a	TR149	17.3mg	136.mg	0/20	5.00mg	1/50	9.90mg 11/50									
b	TR149	6.15mg	n.s.s.	5/20	5.00mg	23/50	9.90mg 31/50									
c	TR149	n.s.s.	n.s.s.	0/20	5.00mg	0/50	9.90mg 0/50								liv:hpa,hpc,nnd.	
2186	2024	4.57mg	n.s.s.	0/20	8.00mg	1/21									Hasegawa;carc,12,1515-1518;1991/pers.comm.	
a	2024	8.66mg	n.s.s.	0/20	8.00mg	0/21										
2- (DIFLUOROMETHYL) -DL-ORNITHINE 70052-12-9																
2187	2194	294.mg	n.s.s.	0/25	400.mg	0/25	800.mg	0/25	1.60gm	0/25					Crowell;faat,22,341-354;1994/pers.comm.	
2188	2194	294.mg	n.s.s.	0/25	400.mg	0/25	800.mg	0/25	1.60gm	0/25						
2189	2548	14.9mg	n.s.s.	0/10	20.0mg	0/10	80.0mg	0/10							Tanakamaru;clet,120,95-100;1997	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
1,2-DIFORMYLHYDRAZINE 628-36-4											
2190	491	307.mg	987.mg	10/100	4.00gm	48/50					
a	491	310.mg	1.02gm	15/100	4.00gm	48/50				Toth;zkko,92,11-16;1978	
b	491	1.33gm	3.98gm	6/100	4.00gm	29/50					
c	491	1.26gm	n.s.s.	0/19	4.00gm	1/5					
d	491	7.47gm	n.s.s.	3/46	4.00gm	3/36					
2191	491	469.mg	1.38gm	17/98	3.33gm	41/47					
a	491	479.mg	1.48gm	22/98	3.33gm	41/47					
b	491	2.25gm	14.5gm	6/98	3.33gm	15/47					
c	491	2.86gm	n.s.s.	3/69	3.33gm	6/30					
d	491	3.62gm	n.s.s.	1/69	3.33gm	4/30					
DIFTALONE 21626-89-1											
2192	1638	386.mg	2.95gm	0/38	26.2mg	0/43	52.4mg	1/45	105.mg	7/43	
a	1638	471.mg	39.9gm	0/38	26.2mg	1/43	52.4mg	0/45	105.mg	5/43	
b	1638	118.mg	n.s.s.	8/38	26.2mg	13/43	52.4mg	19/45	105.mg	18/43	
c	1638	871.mg	n.s.s.	0/38	26.2mg	0/43	52.4mg	0/45	105.mg	2/43	
d	1638	1.16gm	n.s.s.	0/38	26.2mg	0/43	52.4mg	0/45	105.mg	1/43	
2193	1638	398.mg	2.78gm	0/40	24.2mg	0/48	48.4mg	0/50	96.8mg	8/48	
a	1638	507.mg	n.s.s.	1/40	24.2mg	0/48	48.4mg	0/50	96.8mg	6/48	
b	1638	122.mg	n.s.s.	13/40	24.2mg	19/48	48.4mg	26/50	96.8mg	21/48	
c	1638	563.mg	n.s.s.	3/40	24.2mg	5/48	48.4mg	2/50	96.8mg	4/48	
d	1638	847.mg	n.s.s.	2/40	24.2mg	1/48	48.4mg	3/50	96.8mg	1/48	
DIGLYCIDYL RESORCINOL ETHER, TECHNICAL GRADE 101-90-6											
2194	TR257	11.9mg	27.9mg	0/50	35.0mg	17/50	70.1mg	33/50			sto:pas,sqc,sqp.
a	TR257	23.1mg	59.8mg	0/50	35.0mg	12/50	70.1mg	23/50			
b	TR257	25.4mg	113.mg	0/50	35.0mg	5/50	70.1mg	10/50			sto:pas,sqp.
c	TR257	74.9mg	n.s.s.	0/50	35.0mg	1/50	70.1mg	3/50			S
d	TR257	15.5mg	484.mg	28/50	35.0mg	27/50	70.1mg	38/50			
e	TR257	58.0mg	n.s.s.	3/50	35.0mg	1/50	70.1mg	7/50			liv:hpa,hpc,nnd.
f	TR257	112.mg	n.s.s.	3/50	35.0mg	3/50	70.1mg	2/50			lun:a/a,a/c.
2195	TR257	26.5mg	56.5mg	0/50	35.0mg	17/50	70.4mg	33/50			sto:pas,sqc,sqp.
a	TR257	37.4mg	88.8mg	0/50	35.0mg	14/50	70.4mg	25/50			
b	TR257	78.0mg	423.mg	0/50	35.0mg	4/50	70.4mg	10/50			sto:pas,sqp.
c	TR257	12.6mg	n.s.s.	31/50	35.0mg	40/50	(70.4mg)	41/50)			
d	TR257	24.7mg	n.s.s.	13/50	35.0mg	18/50	(70.4mg)	11/50)			liv:hpa,hpc,nnd.
e	TR257	156.mg	n.s.s.	6/50	35.0mg	2/50	70.4mg	8/50			lun:a/a,a/c.
2196	TR257	2.88mg	7.26mg	0/50	17.7mg	38/50	35.4mg	4/50			sto:scq,sqp. C
a	TR257	3.23mg	8.51mg	0/50	17.7mg	34/50	35.4mg	3/50			
b	TR257	19.4mg	141.mg	0/50	17.7mg	7/50	35.4mg	1/50			
c	TR257	4.09mg	64.0mg	46/50	17.7mg	41/50	35.4mg	6/50			
d	TR257	66.5mg	n.s.s.	1/50	17.7mg	0/50	35.4mg	0/50			liv:hpa,hpc,nnd.
2197	TR257a	2.36mg	5.59mg	0/50	8.45mg	38/50					for:scq,sqp. C
a	TR257a	3.72mg	10.3mg	0/50	8.45mg	27/50					
b	TR257a	5.20mg	17.3mg	0/50	8.45mg	19/50					
c	TR257a	3.84mg	n.s.s.	45/50	8.45mg	49/50					
d	TR257a	24.5mg	n.s.s.	2/50	8.45mg	3/50					liv:hpa,hpc,nnd.
2198	TR257	1.33mg	4.84mg	47/50	17.7mg	39/50	35.7mg	11/50			S
a	TR257	1.61mg	5.01mg	0/50	17.7mg	45/50	35.7mg	10/50			sto:scq,sqp. C
b	TR257	1.67mg	5.54mg	0/50	17.7mg	38/50	35.7mg	4/50			
c	TR257	4.25mg	446.mg	17/50	17.7mg	8/50	35.7mg	2/50			S
d	TR257	14.5mg	45.0mg	0/50	17.7mg	17/50	35.7mg	6/50			
e	TR257	1.41mg	4.70mg	39/50	17.7mg	47/50	35.7mg	11/50			
f	TR257	14.0mg	n.s.s.	1/50	17.7mg	1/50	35.7mg	0/50			liv:hpa,hpc,nnd.
2199	TR257a	1.55mg	3.66mg	0/50	8.49mg	44/50					for:scq,sqp. C

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
a	TR257a	1.79mg	4.38mg	0/50	8.49mg	39/50					
b	TR257a	4.42mg	17.1mg	0/50	8.49mg	16/50					
c	TR257a	2.19mg	61.9mg	40/50	8.49mg	49/50					
d	TR257a	29.7mg	n.s.s.	1/50	8.49mg	1/50				liv:hpa,hpc,nnd.	
5,6-DIHYDRO-5-AZACYTIDINE (DHAC) 62488-57-7											
2200	1906	9.94mg	n.s.s.	0/49	21.4mg	0/9			Carr;bjca,57,395-402;1988		
a	1906	3.21mg	n.s.s.	10/49	21.4mg	3/9					
1,2-DIHYDRO-2-(5-NITRO-2-THIENYL)QUINAZOLIN-4(3H)-ONE 33389-33-2											
2201	1390	5.76mg	48.5mg	2/84	17.4mg	8/25			Cohen;jnci,57,277-282;1976		
a	1390	.647mg	3.36mg	6/84	17.4mg	24/25					
3,6-DIHYDRO-2-NITROSO-2H-1,2-OXAZINE (N-nitroso-3,6-dihydrooxazine-1,2) 3276-41-3											
2202	1417	67.9mg	n.s.s.	0/20	33.1mg	1/20			Wiessler;zkko,79,114-117;1973		
a	1417	29.7mg	n.s.s.	1/20	33.1mg	5/20					
b	1417	28.5mg	n.s.s.	3/20	33.1mg	6/20					
3,4-DIHYDROCOUMARIN 119-84-6											
2203	TR423	1.82gm	67.5gm	0/51	141.mg	0/50	282.mg	1/51	564.mg	4/52	---:hem,hes.S
a	TR423	2.11gm	169.gm	0/51	141.mg	0/50	282.mg	0/51	564.mg	4/52	S
b	TR423	334.mg	n.s.s.	13/51	141.mg	21/50	282.mg	25/51	564.mg	24/52	liv:hpa,hpc.
c	TR423	352.mg	n.s.s.	10/51	141.mg	20/50	282.mg	22/51	564.mg	20/52	
d	TR423	249.mg	n.s.s.	24/51	141.mg	36/50	282.mg	36/51	564.mg	38/52	
e	TR423	334.mg	n.s.s.	13/51	141.mg	21/50	282.mg	25/51	564.mg	24/52	liv:hpa,hpb,hpc.
f	TR423	1.83gm	n.s.s.	2/51	141.mg	6/50	282.mg	1/51	564.mg	3/52	lun:a/a,a/c.
2204	TR423	1.63gm	39.0gm	0/50	141.mg	0/51	282.mg	3/51	565.mg	4/50	---:mlh,mlm,mlp,mly.S
a	TR423	252.mg	n.s.s.	8/50	141.mg	15/51	282.mg	15/51	(565.mg)	10/50)	S
b	TR423	1.50gm	451.gm	0/50	141.mg	1/51	282.mg	3/51	565.mg	4/50	---:hcs,mlh,mlp,mly.S
c	TR423	314.mg	n.s.s.	42/50	141.mg	40/51	282.mg	44/51	565.mg	44/50	
d	TR423	423.mg	n.s.s.	36/50	141.mg	30/51	282.mg	40/51	565.mg	34/50	liv:hpa,hpb,hpc.
e	TR423	653.mg	n.s.s.	9/50	141.mg	18/51	282.mg	16/51	565.mg	13/50	lun:a/a,a/c.
2205	TR423	242.mg	n.s.s.	1/50	106.mg	7/51	210.mg	6/50	(422.mg)	4/51)	amd:pbb,pob.S
a	TR423	214.mg	n.s.s.	46/50	106.mg	43/51	210.mg	48/50	422.mg	39/51	
b	TR423	n.s.s.	n.s.s.	0/50	106.mg	0/51	210.mg	0/50	422.mg	0/51	liv:hpa,hpb,hpc.
2206	TR423	41.0mg	164.mg	43/51	106.mg	39/50	212.mg	39/50	423.mg	42/50	S
a	TR423	1.08gm	n.s.s.	0/51	106.mg	1/50	212.mg	0/50	423.mg	2/50	
b	TR423	2.90gm	n.s.s.	0/51	106.mg	0/50	212.mg	0/50	423.mg	2/50	
c	TR423	66.8mg	1.53gm	43/51	106.mg	39/50	212.mg	32/50	423.mg	29/50	
d	TR423	405.mg	n.s.s.	0/51	106.mg	1/50	212.mg	2/50	423.mg	2/50	liv:hpa,hpb,hpc.
2207	TR423	1.26gm	n.s.s.	1/51	106.mg	1/50	212.mg	3/50	423.mg	6/50	
2208	TR423a	19.8mg	730.mg	43/51	266.mg	16/20					S
a	TR423a	109.mg	3.03gm	0/51	266.mg	3/20					S
b	TR423a	60.8mg	n.s.s.	2/51	266.mg	3/20					ski:bca,ker,sqp.S
c	TR423a	73.8mg	n.s.s.	1/51	266.mg	2/20					S
d	TR423a	n.s.s.	n.s.s.	0/51	266.mg	0/20					
e	TR423a	40.2mg	n.s.s.	43/51	266.mg	10/20					
f	TR423a	n.s.s.	n.s.s.	0/51	266.mg	0/20					liv:hpa,hpb,hpc.
2209	TR423a	63.9mg	n.s.s.	1/51	266.mg	2/20					S
2210	TR423b	n.s.s.	n.s.s.	0/51	159.mg	0/20					
a	TR423b	n.s.s.	n.s.s.	0/51	159.mg	0/20					
b	TR423b	49.7mg	n.s.s.	43/51	159.mg	14/20					
c	TR423b	133.mg	n.s.s.	0/51	159.mg	1/20					liv:hpa,hpb,hpc.
2211	TR423b	86.2mg	n.s.s.	1/51	159.mg	3/20					S

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
DIHYDROSAFROLE 94-58-6															
2212	111	41.0mg	212.mg	0/15	192.mg	11/18								Innes;ntis,1968/1969	
a	111	128.mg	n.s.s.	2/15	192.mg	4/18									
b	111	228.mg	n.s.s.	0/15	192.mg	1/18									
c	111	263.mg	n.s.s.	1/15	192.mg	1/18									
d	111	89.7mg	n.s.s.	2/15	192.mg	6/18									
2213	111	51.9mg	358.mg	0/18	179.mg	8/17									
a	111	89.7mg	n.s.s.	2/18	179.mg	5/17									
b	111	95.6mg	n.s.s.	3/18	179.mg	5/17									
c	111	37.0mg	685.mg	3/18	179.mg	11/17									
2214	111	86.5mg	2.37gm	0/17	192.mg	5/17									
a	111	409.mg	n.s.s.	0/17	192.mg	0/17									
b	111	66.8mg	n.s.s.	1/17	192.mg	7/17									
2215	111	40.6mg	352.mg	1/17	179.mg	10/17									
a	111	101.mg	n.s.s.	1/17	179.mg	4/17									
b	111	36.1mg	n.s.s.	7/17	179.mg	12/17									
2216	110	98.5mg	215.mg	0/20	225.mg	37/50	450.mg	15/20						Hagan;txap,7,18-24;1965	
3,3'-DIHYDROXYBENZIDINE.2HCl 1592-36-5															
2217	2594	30.8mg	n.s.s.	7/34	120.mg	9/20								Osanai;jsol,52,179-201;1976	
24R,25-DIHYDROXYVITAMIN D3 (SECALCIFEROL) 55721-11-4															
2218	2406	.248mg	n.s.s.	0/20	.200mg	0/20								Ikezaki;canr,56,2767-2770;1996	
2219	2607	.131mg	n.s.s.	0/20	.200mg	1/20								Ikezaki;jtxs,24,133-139;1999	
DIISONONYL PHTHALATE (DINP) 68515-48-0															
2220	2642m	1.43gm	20.5gm	1/70	780.mg	8/50								Butala;txst,36,173;1997/Babich 2002/pers.comm.	
2221	2642n	784.mg	n.s.s.	0/15	65.0mg	1/15	195.mg	1/14	520.mg	0/14	1.04gm	3/15			
a	2642n	1.08gm	n.s.s.	0/15	65.0mg	1/15	195.mg	0/14	520.mg	0/14	1.04gm	2/15			
2222	2642o	968.mg	2.49gm	3/70	65.0mg	5/68	195.mg	10/68	520.mg	11/67	1.04gm	33/70			
a	2642o	1.62gm	5.29gm	1/70	65.0mg	2/68	195.mg	5/68	520.mg	7/67	1.04gm	19/70			
2223	2642m	1.23gm	n.s.s.	10/70	720.mg	12/50									
2224	2642n	596.mg	131.gm	0/15	60.0mg	0/14	180.mg	1/13	480.mg	2/14	960.mg	3/15			
a	2642n	447.mg	n.s.s.	1/15	60.0mg	1/14	180.mg	4/13	480.mg	3/14	960.mg	4/15			
2225	2642o	887.mg	5.21gm	16/70	60.0mg	13/67	180.mg	18/66	480.mg	28/65	960.mg	31/70			
a	2642o	1.44gm	24.4gm	10/70	60.0mg	8/67	180.mg	10/66	480.mg	17/65	960.mg	20/70			
2226	2429	268.mg	1.25gm	22/81	15.0mg	20/81	150.mg	30/80	300.mg	43/80				Lington;faat,36,79-89;1997	
a	2429	3.47gm	n.s.s.	1/81	15.0mg	2/81	150.mg	0/80	300.mg	2/80					
2227	2643m	460.mg	n.s.s.	17/65	450.mg	24/55								Butala;txst,30,202;1996/Babich 2002/pers.comm.	
a	2643m	2.23gm	n.s.s.	1/65	450.mg	2/55									
2228	2643n	415.mg	n.s.s.	0/10	300.mg	1/10	600.mg	1/10							
a	2643n	559.mg	n.s.s.	0/10	300.mg	0/10	600.mg	1/10							
2229	2643o	585.mg	7.87gm	17/65	25.0mg	16/49	75.0mg	9/50	300.mg	30/65	600.mg	29/65			
a	2643o	2.06gm	25.8gm	1/65	25.0mg	1/49	75.0mg	0/50	300.mg	2/65	600.mg	8/65			
b	2643o	3.00gm	n.s.s.	1/65	25.0mg	0/49	75.0mg	0/50	300.mg	1/65	600.mg	5/65			
2230	2429	156.mg	735.mg	33/81	12.0mg	28/80	120.mg	48/80	240.mg	51/80				Lington;faat,36,79-89;1997	
a	2429	1.83gm	n.s.s.	3/81	12.0mg	1/80	120.mg	1/80	240.mg	4/80					
2231	2643m	216.mg	3.21gm	22/65	360.mg	31/50								Butala;txst,30,202;1996/Babich 2002/pers.comm.	
a	2643m	1.02gm	159.gm	0/65	360.mg	4/50									
b	2643m	1.60gm	n.s.s.	1/65	360.mg	2/50									
2232	2643n	448.mg	n.s.s.	0/10	240.mg	0/10	480.mg	1/10							
a	2643n	508.mg	n.s.s.	1/10	240.mg	0/10	480.mg	1/10							
2233	2643o	836.mg	4.74gm	5/65	20.0mg	3/50	60.0mg	2/50	240.mg	7/65	480.mg	18/65			
a	2643o	1.36gm	6.80gm	1/65	20.0mg	0/50	60.0mg	0/50	240.mg	1/65	480.mg	12/65			
b	2643o	4.24gm	n.s.s.	0/65	20.0mg	0/50	60.0mg	0/50	240.mg	0/65	480.mg	2/65			
c	2643o	602.mg	n.s.s.	22/65	20.0mg	23/50	60.0mg	21/50	240.mg	32/65	480.mg	30/65			

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc				Citation or Pathology	Brkly Code
(R, R) -DILEVALOL.HCl 75659-08-4												
2234	2174	294.mg	n.s.s.	1/97	50.0mg	0/50	100.mg	0/50	200.mg	0/50	Selan;faat,18,471-476;1992	
2235	2174	1.25gm	n.s.s.	0/100	50.0mg	4/49	100.mg	0/50	200.mg	0/49		
DIMETHADIONE (5,5-dimethyl-2,4-oxazolidinedione) 695-53-4												
2236	2109	16.1mg	n.s.s.	0/27	11.2mg	0/15					Diwan;artx,66,413-422;1992	
DIMETHOATE 60-51-5												
2237	TR4	85.1mg	n.s.s.	3/10	28.0mg	15/50	55.4mg	12/50				
	a	TR4	632.mg	n.s.s.	1/10	28.0mg	0/50	55.4mg	0/50		liv:hpa,hpc,nnd.	
	b	TR4	102.mg	n.s.s.	0/10	28.0mg	4/50	55.4mg	5/50		lun:a/a,a/c.	
2238	TR4	48.0mg	n.s.s.	6/7	22.3mg	11/50	(38.3mg)	11/50				
	a	TR4	51.0mg	n.s.s.	4/7	22.3mg	8/50	(38.3mg)	6/50		liv:hpa,hpc,nnd.	
	b	TR4	101.mg	n.s.s.	3/7	22.3mg	2/50	(38.3mg)	1/50		lun:a/a,a/c.	
2239	TR4	9.18mg	n.s.s.	7/10	6.70mg	30/50	13.4mg	21/50				
	a	TR4	35.8mg	n.s.s.	1/10	6.70mg	1/50	13.4mg	5/50		liv:hpa,hpc,nnd.	
2240	TR4	9.62mg	n.s.s.	7/10	4.30mg	23/50	8.60mg	24/50				
	a	TR4	39.5mg	n.s.s.	0/10	4.30mg	1/50	8.60mg	1/50		liv:hpa,hpc,nnd.	
2241	2386	35.0mg	n.s.s.	0/36	1.43mg	0/26	4.29mg	1/25	8.57mg	0/20	Stieglitz;ahae,52,70-76;1974/Gibel 1973/Gibel 1975	
	a	2386	10.4mg	183.mg	0/36	1.43mg	2/26	4.29mg	3/25	8.57mg	4/20	
	b	2386	14.9mg	n.s.s.	3/36	1.43mg	7/26	4.29mg	5/25	8.57mg	2/20	
DIMETHOXANE 828-00-2												
2242	112	322.mg	4.88gm	0/14	436.mg	8/25					Hoch-Ligetj;jnci,53,791-793;1974	
	a	112	1.10gm	n.s.s.	0/14	436.mg	1/25					
	b	112	1.10gm	n.s.s.	0/14	436.mg	1/25					
	c	112	1.10gm	n.s.s.	0/14	436.mg	1/25					
	d	112	1.10gm	n.s.s.	0/14	436.mg	1/25					
	e	112	946.mg	n.s.s.	1/14	436.mg	2/25					
	f	112	2.08gm	n.s.s.	0/14	436.mg	0/25					
	g	112	203.mg	2.46gm	1/14	436.mg	13/25					
DIMETHOXANE, COMMERCIAL GRADE 828-00-2												
2243	TR354	322.mg	n.s.s.	32/50	176.mg	26/50	352.mg	33/50				
	a	TR354	1.39gm	n.s.s.	8/50	176.mg	5/50	352.mg	4/50		liv:hpa,hpc,nnd.	
	b	TR354	1.15gm	n.s.s.	4/50	176.mg	1/50	352.mg	5/50		lun:a/a,a/c.	
2244	TR354	584.mg	n.s.s.	2/50	176.mg	3/50	352.mg	8/50			for:sgc,sgp.	
	a	TR354	237.mg	n.s.s.	38/50	176.mg	31/50	352.mg	37/50			
	b	TR354	355.mg	n.s.s.	14/50	176.mg	12/50	352.mg	19/50		liv:hpa,hpc,nnd.	
	c	TR354	462.mg	n.s.s.	8/50	176.mg	4/50	352.mg	13/50		lun:a/a,a/c.	
2245	TR354	135.mg	n.s.s.	41/50	88.1mg	37/50	176.mg	32/50				
	a	TR354	598.mg	n.s.s.	0/50	88.1mg	1/50	176.mg	1/50		liv:hpa,hpc,nnd.	
2246	TR354	58.7mg	n.s.s.	39/50	44.0mg	36/50	88.1mg	32/50				
	a	TR354	n.s.s.	n.s.s.	0/50	44.0mg	1/50	88.1mg	0/50		liv:hpa,hpc,nnd.	
2,5-DIMETHOXY-4'-AMINOSTILBENE 5803-51-0												
2247	381	39.1mg	n.s.s.	5/15	234.mg	6/16	(468.mg)	3/17			Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
	a	381	n.s.s.	n.s.s.	1/15	234.mg	0/16	468.mg	0/17			
	b	381	39.2mg	n.s.s.	10/15	234.mg	12/16	(468.mg)	10/17			
2248	381	41.6mg	n.s.s.	3/14	227.mg	11/17	(432.mg)	7/20				
	a	381	111.mg	n.s.s.	1/14	227.mg	4/17	(432.mg)	3/20			
	b	381	44.5mg	n.s.s.	7/14	227.mg	14/17	(432.mg)	10/20			
2249	381	50.2mg	389.mg	23/99p	227.mg	11/17	(432.mg)	7/20				
	a	381	119.mg	5.61gm	7/99p	227.mg	4/17	(432.mg)	2/20			
2250	381	.361mg	1.69mg	0/16	3.20mg	6/23	6.40mg	8/24				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc											Citation or Pathology	Brkly Code
a	381	.369mg	2.82mg	0/16	3.20mg	3/23	6.40mg	6/24												
b	381	.712mg	4.51mg	0/16	3.20mg	8/23	6.40mg	8/24												
c	381	.777mg	n.s.s.	0/16	3.20mg	2/23	6.40mg	2/24												
d	381	.162mg	.458mg	10/16	3.20mg	18/23	6.40mg	22/24												
2251	381	.361mg	1.61mg	2/111p	3.20mg	6/23	6.40mg	8/24												
a	381	.369mg	2.54mg	0/111p	3.20mg	3/23	6.40mg	6/24												
b	381	.601mg	4.01mg	0/111p	3.20mg	4/23	6.40mg	5/24												
c	381	.759mg	3.35mg	1/111p	3.20mg	8/23	6.40mg	8/24												
2,4-DIMETHOXYANILINE.HCl 54150-69-5																				
2252	TR171	427.mg	n.s.s.	5/20	325.mg	25/50	650.mg	24/50												
a	TR171	805.mg	n.s.s.	3/20	325.mg	12/50	650.mg	11/50											liv:hpa,hpc,nnd.	
b	TR171	3.01gm	n.s.s.	1/20	325.mg	1/50	650.mg	2/50											lun:a/a,a/c.	
2253	TR171	521.mg	n.s.s.	11/20	300.mg	15/50	600.mg	33/50												
a	TR171	573.mg	n.s.s.	7/20	300.mg	9/50	600.mg	27/50											liv:hpa,hpc,nnd.	
b	TR171	1.03gm	n.s.s.	4/20	300.mg	6/50	(600.mg)	2/50											lun:a/a,a/c.	
2254	TR171	124.mg	n.s.s.	16/20	75.0mg	31/50	(150.mg)	21/50												
a	TR171	n.s.s.	n.s.s.	0/20	75.0mg	0/50	150.mg	0/50											liv:hpa,hpc,nnd.	
2255	TR171	143.mg	n.s.s.	11/20	60.0mg	28/50	120.mg	25/50												
a	TR171	n.s.s.	n.s.s.	0/20	60.0mg	0/50	120.mg	0/50											liv:hpa,hpc,nnd.	
3,3'-DIMETHOXYBENZIDINE-4,4'-DIISOCYANATE 91-93-0																				
2256	TR128	4.03gm	n.s.s.	6/20	1.67gm	14/50	3.33gm	13/50												
a	TR128	24.2gm	n.s.s.	1/20	1.67gm	1/50	3.33gm	0/50											liv:hpa,hpc,nnd.	
b	TR128	18.6gm	n.s.s.	3/20	1.67gm	2/50	3.33gm	1/50											lun:a/a,a/c.	
2257	TR128	3.71gm	n.s.s.	7/20	1.67gm	17/50	3.33gm	21/50												
a	TR128	4.87gm	n.s.s.	1/20	1.67gm	8/50	3.33gm	10/50											liv:hpa,hpc,nnd.	
b	TR128	6.79gm	n.s.s.	2/20	1.67gm	8/50	3.33gm	7/50											lun:a/a,a/c.	
2258	TR128	869.mg	4.77gm	1/20	819.mg	13/50	1.64gm	20/49											---:leu,lym; ute:esp. C	
a	TR128	1.25gm	16.1gm	1/20	819.mg	8/50	1.64gm	15/49											---:leu,lym.	
b	TR128	1.47gm	11.9gm	0/20	819.mg	5/50	1.64gm	10/49												
c	TR128	1.14gm	n.s.s.	0/20	819.mg	8/50	(1.64gm)	6/49											ear:sec,sql,tri; zym:sec,sql,tri.	
d	TR128	405.mg	8.45gm	10/20	819.mg	40/50	1.64gm	44/49												
e	TR128	4.21gm	n.s.s.	0/20	819.mg	0/50	1.64gm	2/49											liv:hpa,hpc,nnd.	
2259	TR128	498.mg	1.56gm	1/20	819.mg	29/50	1.64gm	27/50											---:leu,lym; sft:ker; skb:bct,ker; skf:bct; ski:bct,ker,ppn,sea,seb,sql,tri. C	
a	TR128	826.mg	2.97gm	0/20	819.mg	18/50	1.64gm	16/50											---:leu,lym.	
b	TR128	775.mg	6.21gm	1/20	819.mg	17/50	1.64gm	15/50											sft:ker; skb:bct,ker; skf:bct; ski:bct,ker,ppn,seb,sql,tri.	
c	TR128	954.mg	17.9gm	1/20	819.mg	12/50	1.64gm	12/50											sft:ker; skb:bct,ker; skf:bct; ski:bct,ker,ppn,sea,tri.	
d	TR128	3.07gm	n.s.s.	0/20	819.mg	2/50	1.64gm	6/50											ear:sql; zym:sql.	
e	TR128	430.mg	7.28gm	10/20	819.mg	42/50	1.64gm	38/50												
f	TR128	1.76gm	n.s.s.	1/20	819.mg	8/50	1.64gm	3/50											liv:hpa,hpc,nnd.	
3,3'-DIMETHOXYBENZIDINE.2HCl 20325-40-0																				
2260	1919m	243.mg	n.s.s.	4/24	4.00mg	3/21	8.00mg	1/19	16.0mg	6/24	32.0mg	0/20	63.0mg	2/21						
					126.mg	2/22													Schieferstein;jact,9,71-77;1990/pers.comm.	
a	1919m	551.mg	n.s.s.	0/24	4.00mg	1/21	8.00mg	0/19	16.0mg	0/24	32.0mg	0/20	63.0mg	0/21						
					126.mg	0/22														
2261	1919n	352.mg	n.s.s.	1/25	4.00mg	3/27	8.00mg	3/26	16.0mg	3/22	32.0mg	6/28	63.0mg	3/24						
					126.mg	2/26														
2262	1919m	151.mg	n.s.s.	2/20	3.33mg	3/22	6.67mg	2/21	13.3mg	3/19	26.7mg	0/23	52.5mg	1/20						
					105.mg	3/20														
2263	1919n	615.mg	n.s.s.	2/26	3.33mg	4/25	6.67mg	4/25	13.3mg	3/27	26.7mg	4/26	52.5mg	4/30						
					105.mg	0/28														
2264	2594	21.4mg	n.s.s.	7/34	120.mg	11/17													Osanai;jsol,52,179-201;1976	
2265	TR372	.844mg	1.72mg	9/60	4.57mg	37/45	9.71mg	67/75	18.9mg	53/60									cli:ade,anb,car,cnb; cvu:car,ppa; dsc:adc,adp;	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code			
								liv:hpc,nnd; mgl:adc; pal:scq,sqp; phr:scq; rec:adc,adp; ski:bca,bcc; ton:scq,sqp; ute:ade,car; zym:ade,car,cnb.	C			
a	TR372	1.12mg	2.39mg	7/60	4.57mg	27/45	9.71mg	48/75	18.9mg	41/60	cli:ade,anb,car,cnb.	S
b	TR372	1.73mg	4.02mg	2/60	4.57mg	17/45	9.71mg	41/75	18.9mg	30/60	cli:car,cnb.	S
c	TR372	1.93mg	6.12mg	15/60	4.57mg	13/45	9.71mg	21/75	18.9mg	22/60	mgl:adc,ade,fba.	S
d	TR372	2.26mg	7.35mg	5/60	4.57mg	15/45	9.71mg	13/75	18.9mg	16/60	cli:ade,anb.	S
e	TR372	2.91mg	24.8mg	14/60	4.57mg	11/45	9.71mg	9/75	18.9mg	6/60	mgl:ade,fba.	S
f	TR372	2.98mg	51.2mg	21/60	4.57mg	15/45	9.71mg	12/75	18.9mg	4/60		S
g	TR372	4.19mg	11.2mg	1/60	4.57mg	12/45	9.71mg	21/75	18.9mg	16/60	zym:ade,car,cnb.	S
h	TR372	3.09mg	44.0mg	14/60	4.57mg	11/45	9.71mg	9/75	18.9mg	4/60		S
i	TR372	4.23mg	14.0mg	1/60	4.57mg	2/45	9.71mg	14/75	18.9mg	20/60		S
j	TR372	4.92mg	15.3mg	1/60	4.57mg	10/45	9.71mg	17/75	18.9mg	13/60	zym:car,cnb.	S
k	TR372	3.83mg	47.8mg	15/60	4.57mg	9/45	9.71mg	5/75	18.9mg	8/60	pit:ade,pda.	S
l	TR372	3.97mg	66.1mg	17/60	4.57mg	9/45	9.71mg	5/75	18.9mg	8/60	pit:ade,pda,pdc.	S
m	TR372	4.47mg	29.6mg	0/60	4.57mg	4/45	9.71mg	3/75	18.9mg	2/60	ski:bca,bcc.	S
n	TR372	4.90mg	62.8mg	6/60	4.57mg	8/45	9.71mg	7/75	18.9mg	5/60		S
o	TR372	5.10mg	38.6mg	0/60	4.57mg	3/45	9.71mg	3/75	18.9mg	2/60		S
p	TR372	5.69mg	50.3mg	2/60	4.57mg	2/45	9.71mg	6/75	18.9mg	5/60	pal:scq,sqp; phr:scq; ton:scq,sqp.	S
q	TR372	5.69mg	47.3mg	0/60	4.57mg	4/45	9.71mg	2/75	18.9mg	2/60	cvu:car,ppa; ute:ade,car.	S
r	TR372	6.01mg	63.7mg	0/60	4.57mg	3/45	9.71mg	1/75	18.9mg	2/60	cvu:ppa; ute:ade.	S
s	TR372	6.07mg	107.mg	2/60	4.57mg	2/45	9.71mg	3/75	18.9mg	3/60	pal:scq; ton:scq.	S
t	TR372	7.17mg	106.mg	1/60	4.57mg	2/45	9.71mg	2/75	18.9mg	4/60	ton:scq,sqp.	S
u	TR372	11.6mg	94.6mg	0/60	4.57mg	3/45	9.71mg	4/75	18.9mg	3/60		S
v	TR372	9.60mg	237.mg	0/60	4.57mg	1/45	9.71mg	0/75	18.9mg	3/60	liv:hpc,nnd.	S
w	TR372	10.7mg	416.mg	0/60	4.57mg	1/45	9.71mg	1/75	18.9mg	3/60	dsc:adc,adp; rec:adc,adp.	S
x	TR372	40.3mg	8.26gm	0/60	4.57mg	0/45	9.71mg	3/75	18.9mg	2/60	pal:scq; ton:scq.	S
y	TR372	10.6mg	n.s.s.	1/60	4.57mg	0/45	9.71mg	4/75	18.9mg	1/60	pal:scq,sqp.	S
z	TR372	10.8mg	n.s.s.	1/60	4.57mg	0/45	9.71mg	3/75	18.9mg	1/60		S
A	TR372	.764mg	1.64mg	48/60	4.57mg	42/45	9.71mg	73/75	18.9mg	57/60		S
B	TR372	9.60mg	237.mg	0/60	4.57mg	1/45	9.71mg	0/75	18.9mg	3/60	liv:hpa,hpc,nnd.	S
2266	TR372	.412mg	.961mg	57/60	4.00mg	39/45	8.50mg	68/75	16.5mg	42/60	tes:iab,ica.	S
a	TR372	.461mg	1.03mg	22/60	4.00mg	41/45	8.50mg	71/75	16.5mg	60/60	---:msb,msm; asc:adp; cec:muc; col:adc; dsc:adc; adp; duo:adc,muc; ilm:adc; jej:adc,muc; liv:hpc,nnd; pal:scq; phr:scq; pre:ade,anb,car,cnb; rec:adc,adp; ski:bca,bcc,sbr,sea,scq,sqp; ton:scq,sqp; zym:ade,anb,car,cnb.	C
b	TR372	.507mg	1.16mg	2/60	4.00mg	33/45	8.50mg	56/75	16.5mg	41/60	ski:bca,bcc,sbr,sea.	S
c	TR372	.508mg	1.17mg	2/60	4.00mg	32/45	8.50mg	54/75	16.5mg	40/60	ski:bca,bcc.	S
d	TR372	.515mg	1.21mg	1/60	4.00mg	32/45	8.50mg	49/75	16.5mg	35/60	ski:bca,sea.	S
e	TR372	.516mg	1.22mg	1/60	4.00mg	31/45	8.50mg	47/75	16.5mg	35/60		S
f	TR372	1.06mg	3.19mg	16/60	4.00mg	12/45	8.50mg	33/75	16.5mg	29/60	pre:ade,anb,car,cnb.	S
g	TR372	1.20mg	3.29mg	0/60	4.00mg	13/45	8.50mg	28/75	16.5mg	22/60	ski:scq,sqp.	S
h	TR372	1.18mg	4.09mg	14/60	4.00mg	17/45	8.50mg	23/75	16.5mg	9/60	amd:pbb,pob.	S
i	TR372	1.22mg	4.24mg	15/60	4.00mg	18/45	8.50mg	23/75	16.5mg	9/60	amd:pbb,phm,pob.	S
j	TR372	1.38mg	3.92mg	0/60	4.00mg	9/45	8.50mg	24/75	16.5mg	21/60		S
k	TR372	1.23mg	7.45mg	19/60	4.00mg	17/45	8.50mg	17/75	16.5mg	4/60		S
l	TR372	1.65mg	5.21mg	0/60	4.00mg	10/45	8.50mg	25/75	16.5mg	30/60	zym:ade,anb,car,cnb.	S
m	TR372	1.67mg	7.70mg	14/60	4.00mg	6/45	8.50mg	19/75	16.5mg	12/60	pre:ade,anb.	S
n	TR372	2.04mg	9.43mg	1/60	4.00mg	8/45	8.50mg	10/75	16.5mg	11/60	pal:scq; phr:scq; ton:scq,sqp.	S
o	TR372	2.11mg	10.6mg	1/60	4.00mg	7/45	8.50mg	10/75	16.5mg	9/60	phr:scq; ton:scq.	S
p	TR372	2.28mg	9.77mg	2/60	4.00mg	6/45	8.50mg	15/75	16.5mg	19/60	pre:car,cnb.	S
q	TR372	2.01mg	17.8mg	6/60	4.00mg	7/45	8.50mg	7/75	16.5mg	2/60	thy:cca,ccr.	S
r	TR372	2.13mg	14.9mg	0/60	4.00mg	6/45	8.50mg	6/75	16.5mg	4/60	sub:fib,nfm.	S
s	TR372	2.51mg	13.8mg	0/60	4.00mg	4/45	8.50mg	11/75	16.5mg	9/60	zym:ade,anb.	S
t	TR372	2.51mg	25.8mg	2/60	4.00mg	6/45	8.50mg	6/75	16.5mg	5/60	sub:fb, fib,nfm,sar.	S
u	TR372	3.44mg	11.5mg	1/60	4.00mg	4/45	8.50mg	18/75	16.5mg	18/60	ski:bcc,sbr.	S
v	TR372	3.46mg	11.7mg	1/60	4.00mg	4/45	8.50mg	18/75	16.5mg	17/60		S
w	TR372	2.81mg	16.4mg	0/60	4.00mg	5/45	8.50mg	7/75	16.5mg	5/60		S

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
DIMETHYL HYDROGEN PHOSPHITE (DMHP) 868-85-9									
2276	TR287	117.mg	2.00gm	0/50	70.1mg	6/50	(140.mg 3/50)		S
a	TR287	145.mg	n.s.s.	37/50	70.1mg	30/50	140.mg 32/50		
b	TR287	331.mg	n.s.s.	2/50	70.1mg	6/50	140.mg 3/50	liv:hpa,hpc,nnd.	
c	TR287	839.mg	n.s.s.	4/50	70.1mg	3/50	140.mg 1/50	lun:a/a,a/c.	
2277	TR287	124.mg	n.s.s.	34/50	70.1mg	21/50	140.mg 31/50		
a	TR287	277.mg	n.s.s.	19/50	70.1mg	10/50	140.mg 13/50	liv:hpa,hpc,nnd.	
b	TR287	251.mg	n.s.s.	12/50	70.1mg	7/50	140.mg 11/50	lun:a/a,a/c.	
2278	TR287	207.mg	n.s.s.	0/50	35.2mg	1/50	70.4mg 3/50		
a	TR287	312.mg	n.s.s.	0/50	35.2mg	0/50	70.4mg 2/50	for:sqc,scp.	
b	TR287	42.8mg	n.s.s.	36/50	35.2mg	38/50	70.4mg 38/50		
c	TR287	401.mg	n.s.s.	0/50	35.2mg	0/50	70.4mg 1/50	liv:hpa,hpc,nnd.	
2279	TR287	68.4mg	172.mg	0/50	70.4mg	2/50	141.mg 31/50	for:sqc,scp; lun:a/a,a/c,scq. C	
a	TR287	85.7mg	246.mg	0/50	70.4mg	1/50	141.mg 24/50	lun:a/a,a/c.	
b	TR287	98.8mg	311.mg	0/50	70.4mg	1/50	141.mg 20/50		
c	TR287	248.mg	2.58gm	0/50	70.4mg	1/50	141.mg 6/50	for:sqc,scp.	
d	TR287	339.mg	8.99gm	0/50	70.4mg	0/50	141.mg 5/50		
e	TR287	358.mg	3.71gm	0/50	70.4mg	0/50	141.mg 5/50		
f	TR287	342.mg	n.s.s.	0/50	70.4mg	1/50	141.mg 3/50		
g	TR287	426.mg	n.s.s.	0/50	70.4mg	0/50	141.mg 3/50		
h	TR287	52.0mg	n.s.s.	38/50	70.4mg	36/50	141.mg 45/50		
i	TR287	1.34gm	n.s.s.	3/50	70.4mg	0/50	141.mg 0/50	liv:hpa,hpc,nnd.	
DIMETHYL METHYLPHOSPHONATE (DMMP) 756-79-6									
2280	TR323	1.41gm	n.s.s.	1/50	701.mg	5/50	1.40gm 1/50		S
a	TR323	382.mg	n.s.s.	27/50	701.mg	31/50	1.40gm 8/50		
b	TR323	1.40gm	n.s.s.	3/50	701.mg	5/50	1.40gm 0/50	liv:hpa,hpc,nnd.	
c	TR323	1.69gm	n.s.s.	3/50	701.mg	5/50	1.40gm 1/50	lun:a/a,a/c.	
2281	TR323	211.mg	2.42gm	17/50	701.mg	21/50	1.43gm 4/50	liv:hpa,hpc. S	S
a	TR323	242.mg	4.34gm	12/50	701.mg	15/50	1.43gm 3/50		
b	TR323	178.mg	1.95gm	34/50	701.mg	27/50	1.43gm 10/50		
c	TR323	211.mg	2.42gm	17/50	701.mg	21/50	1.43gm 4/50	liv:hpa,hpc,nnd.	
d	TR323	1.05gm	n.s.s.	6/50	701.mg	0/50	1.43gm 3/50	lun:a/a,a/c.	
2282	TR323	280.mg	n.s.s.	40/50	350.mg	42/50	701.mg 40/50		
a	TR323	n.s.s.	n.s.s.	0/50	350.mg	2/50	701.mg 0/50	liv:hpa,hpc,nnd.	
2283	TR323	93.5mg	500.mg	41/50	350.mg	39/50	701.mg 39/50		S
a	TR323	163.mg	899.mg	12/50	350.mg	18/50	701.mg 18/50	amd:phe,phm. S	
b	TR323	227.mg	1.58gm	10/50	350.mg	11/50	701.mg 17/50	mul:mnl; spl:mnl. S	
c	TR323	267.mg	1.18gm	0/50	350.mg	9/50	701.mg 6/50	k/p: tpp; kid:uac. P	
d	TR323	292.mg	1.66gm	0/50	350.mg	8/50	701.mg 3/50	k/p: tcc, tpp. S	
e	TR323	324.mg	2.07gm	0/50	350.mg	7/50	701.mg 3/50		
f	TR323	384.mg	9.77gm	1/50	350.mg	4/50	701.mg 4/50		S
g	TR323	438.mg	3.03gm	0/50	350.mg	4/50	701.mg 6/50		S
h	TR323	415.mg	10.2gm	2/50	350.mg	5/50	701.mg 6/50	mul:men,msm; tnv:men. S	
i	TR323	591.mg	11.5gm	0/50	350.mg	2/50	701.mg 3/50	thy: fca, fcc. S	
j	TR323	737.mg	44.7gm	0/50	350.mg	2/50	701.mg 3/50		
k	TR323	398.mg	n.s.s.	4/50	350.mg	4/50	701.mg 5/50	thy:cca, ccr. S	
l	TR323	647.mg	n.s.s.	0/50	350.mg	4/50	701.mg 0/50		S
m	TR323	97.5mg	549.mg	40/50	350.mg	36/50	701.mg 37/50		
n	TR323	498.mg	n.s.s.	1/50	350.mg	4/50	701.mg 1/50	liv:hpa,hpc,nnd.	
DIMETHYL MORPHOLINOPHOSPHORAMIDATE 597-25-1									
2284	TR298	493.mg	n.s.s.	31/50	210.mg	28/50	420.mg 24/50		
a	TR298	2.18gm	n.s.s.	7/50	210.mg	4/50	420.mg 2/50	liv:hpa,hpc,nnd.	
b	TR298	1.34gm	n.s.s.	4/50	210.mg	3/50	420.mg 4/50	lun:a/a,a/c.	
2285	TR298	247.mg	n.s.s.	26/50	105.mg	29/50	210.mg 25/50		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code	
a	TR298	310.mg	n.s.s.	11/50	105.mg	13/50	210.mg	15/50				liv:hpa,hpc,nnd.	
b	TR298	458.mg	n.s.s.	6/50	105.mg	8/50	210.mg	7/50				lun:a/a,a/c.	
2286	TR298	362.mg	n.s.s.	9/50	105.mg	13/50	210.mg	12/50	420.mg	18/50			
a	TR298	229.mg	n.s.s.	35/50	105.mg	37/50	210.mg	35/50	420.mg	34/50			
b	TR298	2.01gm	n.s.s.	0/50	105.mg	0/50	210.mg	1/50	420.mg	1/50		liv:hpa,hpc,nnd.	
2287	TR298	247.mg	6.51gm	14/50	105.mg	21/50	210.mg	19/50	420.mg	25/50			
a	TR298	124.mg	n.s.s.	45/50	105.mg	45/50	210.mg	44/50	420.mg	46/50		S	
b	TR298	122.mg	n.s.s.	49/50	105.mg	47/50	210.mg	48/50	420.mg	49/50			
c	TR298	880.mg	n.s.s.	1/50	105.mg	3/50	210.mg	3/50	420.mg	3/50		liv:hpa,hpc,nnd.	
4,6-DIMETHYL-2-(5-NITRO-2-FURYL) PYRIMIDINE					59-35-8								
2288	1390	n.s.s.	1.39mg	0/84	14.2mg	30/30							
a	1390	1.49mg	4.99mg	0/84	14.2mg	21/30	Cohen;jnci,57,277-282;1976						
b	1390	1.92mg	6.85mg	0/84	14.2mg	18/30							
c	1390	3.21mg	16.8mg	2/84	14.2mg	12/30							
d	1390	11.2mg	n.s.s.	0/84	14.2mg	2/30							
e	1390	n.s.s.	1.44mg	6/84	14.2mg	30/30							
1,2-DIMETHYL-5-NITROIMIDAZOLE					551-92-8								
2289	200a	9.67mg	35.9mg	4/35	69.7mg	25/35							
a	200a	202.mg	n.s.s.	0/35	69.7mg	0/35	Cohen;jnci,51,403-417;1973						
b	200a	9.67mg	35.9mg	4/35	69.7mg	25/35							
DIMETHYL TEREPHTHALATE (DMT)					120-61-6								
2290	TR121	660.mg	n.s.s.	29/50	319.mg	20/50	638.mg	32/50					
a	TR121	2.21gm	n.s.s.	5/50	319.mg	1/50	(638.mg	0/50)	liv:hpa,hpc,nnd.				
b	TR121	926.mg	n.s.s.	4/50	319.mg	5/50	(638.mg	0/50)	lun:a/a,a/c.				
2291	TR121	640.mg	5.49gm	1/50	294.mg	8/50	589.mg	13/50	lun:a/a,a/c. S				
a	TR121	731.mg	n.s.s.	36/50	294.mg	33/50	589.mg	34/50					
b	TR121	1.33gm	n.s.s.	19/50	294.mg	13/50	589.mg	16/50	liv:hpa,hpc,nnd.				
c	TR121	640.mg	5.49gm	1/50	294.mg	8/50	589.mg	13/50	lun:a/a,a/c.				
2292	TR121	75.7mg	n.s.s.	38/50	123.mg	38/50	(245.mg	29/50)					
a	TR121	2.03gm	n.s.s.	1/50	123.mg	1/50	245.mg	0/50	liv:hpa,hpc,nnd.				
2293	TR121	168.mg	n.s.s.	40/50	98.2mg	28/50	(196.mg	26/50)					
a	TR121	1.91gm	n.s.s.	4/50	98.2mg	0/50	196.mg	1/50	liv:hpa,hpc,nnd.				
DIMETHYLACETAMIDE					127-19-5								
2294	2252	2.14gm	n.s.s.	0/63	28.0mg	0/64	112.mg	0/63	392.mg	1/65	Malley;faat,28,80-93;1995		
2295	2252	1.04gm	n.s.s.	14/64	23.3mg	12/64	93.4mg	10/64	327.mg	8/65			
a	2252	1.64gm	n.s.s.	2/64	23.3mg	5/64	93.4mg	4/64	327.mg	1/65			
2296	2252	895.mg	n.s.s.	0/62	6.67mg	0/62	26.7mg	1/62	93.4mg	0/64			
2297	2252	536.mg	n.s.s.	1/65	4.67mg	0/63	18.7mg	1/63	65.4mg	1/62			
a	2252	636.mg	n.s.s.	3/65	4.67mg	3/63	18.7mg	2/63	65.4mg	1/62			
6-DIMETHYLAMINO-4,4-DIPHENYL-3-HEPTANOL ACETATE.HCl					(L-alpha-acetylmethadol.HCl, LAAM)			43033-72-3					
2298	1894	85.3mg	n.s.s.	6/50	7.60mg	8/50	30.0mg	7/50	Rosenkrantz;faat,11,626-639;1988/pers.comm.				
a	1894	186.mg	n.s.s.	5/50	7.60mg	0/50	30.0mg	3/50					
2299	1894	13.4mg	n.s.s.	18/50	7.60mg	18/50	(30.0mg	5/50)					
a	1894	182.mg	n.s.s.	11/50	7.60mg	8/50	30.0mg	4/50					
2300	1894	21.6mg	520.mg	2/50	5.70mg	10/50	16.6mg	12/50					
a	1894	28.2mg	999.mg	3/50	5.70mg	4/50	16.6mg	12/50					
b	1894	78.7mg	n.s.s.	0/50	5.70mg	1/50	16.6mg	2/50					
2301	1894	27.2mg	n.s.s.	1/50	3.10mg	3/50	9.70mg	5/50					
a	1894	38.1mg	19.3gm	0/50	3.10mg	0/50	9.70mg	4/50					

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
6-DIMETHYLAMINO-4,4-DIPHENYL-3-HEPTANONE.HCl (DL-methadone.HCl) 1095-90-5									
2302	1893	19.0mg	n.s.s.	5/50	15.0mg	15/50	(60.0mg 4/50)	Rosenkrantz;faat,11,640-651;1988/pers.comm.	
a	1893	132.mg	n.s.s.	1/50	15.0mg	5/50	60.0mg 6/50		
b	1893	124.mg	n.s.s.	3/50	15.0mg	6/50	60.0mg 8/50		
c	1893	217.mg	n.s.s.	5/50	15.0mg	6/50	60.0mg 5/50		
d	1893	128.mg	n.s.s.	1/50	15.0mg	0/50	60.0mg 0/50		
2303	1893	86.0mg	n.s.s.	12/50	15.0mg	11/50	60.0mg 17/50		
a	1893	196.mg	n.s.s.	9/50	15.0mg	2/50	60.0mg 8/50		
b	1893	384.mg	n.s.s.	8/50	15.0mg	5/50	60.0mg 3/50		
c	1893	607.mg	n.s.s.	5/50	15.0mg	0/50	60.0mg 1/50		
2304	1893	328.mg	n.s.s.	3/50	28.0mg	1/50	88.0mg 5/50		
2305	1893	269.mg	n.s.s.	0/50	16.0mg	1/50	46.0mg 1/50		
a	1893	155.mg	n.s.s.	10/50	16.0mg	9/50	46.0mg 8/50		
trans-2-[(DIMETHYLAMINO)METHYLIMINO]-5-[2-(5-NITRO-2-FURYL)VINYL]-1,3,4-OXADIAZOLE 55738-54-0									
2306	1126	12.0mg	37.9mg	0/24	69.7mg	22/36		Cohen;jnci,54,841-850;1975	
a	1126	12.6mg	53.5mg	2/24	69.7mg	22/36			
b	1126	66.9mg	n.s.s.	0/24	69.7mg	3/36			
c	1126	82.7mg	n.s.s.	0/24	69.7mg	2/36			
d	1126	82.7mg	n.s.s.	0/24	69.7mg	2/36			
e	1126	111.mg	n.s.s.	0/24	69.7mg	1/36			
f	1126	208.mg	n.s.s.	0/24	69.7mg	0/36			
g	1126	11.7mg	46.8mg	2/24	69.7mg	23/36			
4-DIMETHYLAMINO-3,5-XYLENOL 6120-10-1									
2307	1248	46.1mg	n.s.s.	1/17	41.4mg	1/17		Innes;ntis,1968/1969	
a	1248	77.4mg	n.s.s.	0/17	41.4mg	0/17			
b	1248	27.7mg	n.s.s.	2/17	41.4mg	3/17			
2308	1248	30.2mg	n.s.s.	1/18	38.5mg	2/17			
a	1248	47.4mg	n.s.s.	2/18	38.5mg	1/17			
b	1248	28.0mg	n.s.s.	3/18	38.5mg	3/17			
2309	1248	43.1mg	n.s.s.	0/16	41.4mg	1/18			
a	1248	82.0mg	n.s.s.	0/16	41.4mg	0/18			
b	1248	43.1mg	n.s.s.	0/16	41.4mg	1/18			
2310	1248	19.3mg	n.s.s.	0/16	38.5mg	4/18			
a	1248	40.1mg	n.s.s.	0/16	38.5mg	1/18			
b	1248	14.0mg	212.mg	0/16	38.5mg	6/18			
4-DIMETHYLAMINOANTIPYRINE (aminopyrine) 58-15-1									
2311	1991	874.mg	n.s.s.	1/45	76.9mg	0/41	154.mg 2/42	Inai;gann,81,122-128;1990	
a	1991	1.06gm	n.s.s.	0/45	76.9mg	0/41	154.mg 1/42		
b	1991	437.mg	n.s.s.	1/45	76.9mg	0/41	154.mg 0/42		
c	1991	932.mg	n.s.s.	2/45	76.9mg	2/41	154.mg 1/42		
d	1991	196.mg	n.s.s.	22/45	76.9mg	21/41	154.mg 20/42		
2312	1991	478.mg	n.s.s.	1/46	64.1mg	0/44	128.mg 5/48		
a	1991	213.mg	n.s.s.	10/46	64.1mg	6/44	128.mg 16/48		
b	1991	406.mg	n.s.s.	6/46	64.1mg	4/44	128.mg 7/48		
c	1991	902.mg	n.s.s.	1/46	64.1mg	1/44	128.mg 1/48		
d	1991	74.5mg	n.s.s.	22/46	64.1mg	19/44	128.mg 36/48		
2-DIMETHYLAMINOETHANOL 108-01-0									
2313	1877	931.mg	n.s.s.	4/44	268.mg	5/40		Stenback;made,42,129-138;1988	
a	1877	166.mg	n.s.s.	39/44	268.mg	35/40			
2314	1877	478.mg	n.s.s.	6/58	178.mg	7/50			
a	1877	177.mg	n.s.s.	33/58	178.mg	30/50			

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
DIMETHYLAMINOETHYLNITROSOETHYLUREA, NITRITE SALT 142713-78-8									
2315	2111	.301mg	2.02mg	0/12	1.48mg	9/12		Lijinsky;clet,63,101-107;1992	
a	2111	.558mg	6.32mg	0/12	1.48mg	6/12			
b	2111	1.02mg	n.s.s.	0/12	1.48mg	3/12			
c	2111	1.31mg	n.s.s.	0/12	1.48mg	2/12			
d	2111	1.31mg	n.s.s.	0/12	1.48mg	2/12			
e	2111	1.82mg	n.s.s.	0/12	1.48mg	1/12			
f	2111	1.82mg	n.s.s.	0/12	1.48mg	1/12			
g	2111	3.52mg	n.s.s.	0/12	1.48mg	0/12			
2316	2111	.713mg	n.s.s.	0/12	1.04mg	3/12			
a	2111	.526mg	n.s.s.	2/12	1.04mg	5/12			
b	2111	2.47mg	n.s.s.	0/12	1.04mg	0/12			
2,6-DIMETHYLANILINE 87-62-7									
2317	2606	96.3mg	n.s.s.	0/10	120.mg	0/15		Koujitani;clet,142,161-171;1999	
N,N-DIMETHYLANILINE 121-69-7									
2318	TR360	39.3mg	n.s.s.	2/50	10.6mg	2/50	21.2mg	8/50	
a	TR360	15.7mg	n.s.s.	39/50	10.6mg	27/50	21.2mg	41/50	
b	TR360	40.2mg	n.s.s.	5/50	10.6mg	5/50	21.2mg	8/50	liv:hpa,hpc,nnd.
c	TR360	54.8mg	n.s.s.	4/50	10.6mg	3/50	21.2mg	6/50	lun:a/a,a/c.
2319	TR360	17.4mg	n.s.s.	32/50	10.6mg	37/50	21.2mg	33/50	
a	TR360	28.3mg	n.s.s.	11/50	10.6mg	16/50	21.2mg	13/50	liv:hpa,hpc,nnd.
b	TR360	26.7mg	n.s.s.	7/50	10.6mg	12/50	21.2mg	11/50	lun:a/a,a/c.
2320	TR360	2.41mg	n.s.s.	48/50	2.12mg	42/50	(21.2mg	42/50)	
a	TR360	n.s.s.	n.s.s.	0/50	2.12mg	0/50	21.2mg	0/50	liv:hpa,hpc,nnd.
2321	TR360	42.5mg	1.09gm	0/50	2.12mg	0/50	21.2mg	4/50	srp:ost,srn.
a	TR360	52.3mg	n.s.s.	0/50	2.12mg	0/50	21.2mg	3/50	
b	TR360	12.8mg	n.s.s.	42/50	2.12mg	35/50	21.2mg	39/50	
c	TR360	126.mg	n.s.s.	1/50	2.12mg	1/50	21.2mg	0/50	liv:hpa,hpc,nnd.
DIMETHYLARSINIC ACID (cacodylic acid) 75-60-5									
2322	1198	17.6mg	n.s.s.	0/18	16.9mg	1/18			Innes;ntis,1968/1969
a	1198	33.5mg	n.s.s.	0/18	16.9mg	0/18			
b	1198	10.3mg	n.s.s.	0/18	16.9mg	3/18			
2323	1198	15.5mg	n.s.s.	0/18	15.8mg	1/17			
a	1198	29.5mg	n.s.s.	1/18	15.8mg	0/17			
b	1198	19.4mg	n.s.s.	2/18	15.8mg	1/17			
2324	1198	33.5mg	n.s.s.	0/18	16.9mg	0/18			
a	1198	33.5mg	n.s.s.	1/18	16.9mg	0/18			
b	1198	33.5mg	n.s.s.	2/18	16.9mg	0/18			
2325	1198	17.1mg	n.s.s.	3/14	15.8mg	1/14			
a	1198	24.3mg	n.s.s.	0/14	15.8mg	0/14			
b	1198	10.3mg	n.s.s.	4/14	15.8mg	3/14			
2326	2441	6.67mg	22.6mg	0/28	.625mg	0/33	2.50mg	8/31	10.0mg
a	2441	7.30mg	25.7mg	0/28	.625mg	0/33	2.50mg	6/31	10.0mg
b	2441	23.4mg	n.s.s.	0/28	.625mg	0/33	2.50mg	2/31	10.0mg
c	2441	48.2mg	n.s.s.	1/28	.625mg	0/33	2.50mg	0/33	10.0mg
d	2441	63.3mg	n.s.s.	1/28	.625mg	2/33	2.50mg	1/31	10.0mg
5,5-DIMETHYLBARBITURIC ACID 24448-94-0									
2327	2109	19.6mg	n.s.s.	0/27	13.6mg	0/15			Diwan;artx,66,413-422;1992
7,12-DIMETHYLBENZ (a) ANTHRACENE 57-97-6									
2328	1274	58.2ug	.126mg	0/40	.390mg	49/75			Chouroulinkov;bdca,54,67-78;1967

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
A	TR390	5.67mg	n.s.s.	0/60	1.71mg	2/45	4.00mg	2/75	8.57mg	1/60	bra:asl,mag,mnm.
B	TR390	.344mg	.660mg	18/60	1.71mg	33/45	4.00mg	71/75	8.57mg	58/60	
C	TR390	3.41mg	17.7mg	0/60	1.71mg	0/45	4.00mg	7/75	8.57mg	4/60	liv:hpa,hpc,nnd.
2336	TR390	.270mg	.454mg	5/60	1.48mg	19/45	3.45mg	73/75	7.50mg	58/60	cec:adp; col:adc,adp,muc; duo:muc; ilm:adc,adp; jej:muc; lgi:adc; liv:hpc,nnd; lun:a/a,a/c; mul:mmsm; phr:sqc,scp; pre:ade,car; rec:adc,adp; ski:bca, bcc,ker,sea,scq,scp; ton:scq,scp; zym:ade,anb,car,cnb. C
a	TR390	.380mg	.672mg	0/60	1.48mg	11/45	3.45mg	54/75	7.50mg	30/60	ski:bca,bcc. S
b	TR390	.405mg	.723mg	0/60	1.48mg	10/45	3.45mg	52/75	7.50mg	29/60	
c	TR390	.650mg	1.28mg	0/60	1.48mg	0/45	3.45mg	35/75	7.50mg	33/60	liv:hpc,nnd. S
d	TR390	.806mg	1.59mg	1/60	1.48mg	3/45	3.45mg	32/75	7.50mg	36/60	zym:ade,anb,car,cnb. S
e	TR390	.789mg	1.66mg	0/60	1.48mg	0/45	3.45mg	29/75	7.50mg	26/60	
f	TR390	1.05mg	2.38mg	0/60	1.48mg	2/45	3.45mg	17/75	7.50mg	27/60	ski:scq,scp. S
g	TR390	1.30mg	2.98mg	0/60	1.48mg	2/45	3.45mg	21/75	7.50mg	23/60	zym:car,cnb. S
h	TR390	1.48mg	4.22mg	1/60	1.48mg	1/45	3.45mg	13/75	7.50mg	16/60	zym:ade,anb. S
i	TR390	1.65mg	5.02mg	0/60	1.48mg	0/45	3.45mg	12/75	7.50mg	12/60	S
j	TR390	1.68mg	5.05mg	0/60	1.48mg	2/45	3.45mg	10/75	7.50mg	13/60	S
k	TR390	1.93mg	6.04mg	0/60	1.48mg	0/45	3.45mg	8/75	7.50mg	15/60	S
l	TR390	2.18mg	7.05mg	0/60	1.48mg	0/45	3.45mg	6/75	7.50mg	15/60	cec:adp; col:adc,adp,muc; lgi:adc; rec:adc,adp. pre:ade,car. S
m	TR390	2.09mg	10.8mg	2/60	1.48mg	4/45	3.45mg	6/75	7.50mg	9/60	
n	TR390	2.34mg	12.4mg	1/60	1.48mg	1/45	3.45mg	8/75	7.50mg	5/60	
o	TR390	2.58mg	10.4mg	0/60	1.48mg	0/45	3.45mg	6/75	7.50mg	9/60	cec:adp; col:adp; rec:adp. S
p	TR390	2.47mg	13.2mg	1/60	1.48mg	0/45	3.45mg	8/75	7.50mg	6/60	lun:a/a,a/c. S
q	TR390	2.43mg	16.8mg	2/60	1.48mg	4/45	3.45mg	4/75	7.50mg	8/60	S
r	TR390	2.67mg	15.5mg	1/60	1.48mg	0/45	3.45mg	7/75	7.50mg	6/60	S
s	TR390	2.79mg	13.4mg	0/60	1.48mg	0/45	3.45mg	7/75	7.50mg	5/60	
t	TR390	3.39mg	16.6mg	0/60	1.48mg	0/45	3.45mg	4/75	7.50mg	8/60	duo:muc; ilm:adc,adp; jej:muc. S
u	TR390	3.64mg	19.3mg	0/60	1.48mg	0/45	3.45mg	3/75	7.50mg	8/60	duo:muc; ilm:adc; jej:muc. S
v	TR390	3.80mg	23.9mg	0/60	1.48mg	0/45	3.45mg	4/75	7.50mg	5/60	phr:scq,scp; ton:scq,scp. S
w	TR390	3.67mg	43.0mg	0/60	1.48mg	1/45	3.45mg	4/75	7.50mg	2/60	
x	TR390	3.95mg	31.6mg	0/60	1.48mg	0/45	3.45mg	3/75	7.50mg	4/60	
y	TR390	4.22mg	78.6mg	0/60	1.48mg	2/45	3.45mg	1/75	7.50mg	3/60	
z	TR390	6.16mg	45.9mg	0/60	1.48mg	0/45	3.45mg	0/75	7.50mg	7/60	col:adc,muc; lgi:adc; rec:adc. S
A	TR390	9.18mg	129.mg	0/60	1.48mg	0/45	3.45mg	1/75	7.50mg	3/60	phr:scq; ton:scq. S
B	TR390	7.38mg	n.s.s.	0/60	1.48mg	0/45	3.45mg	1/75	7.50mg	2/60	bra:gfm,mag,mnm. S
C	TR390	.260mg	.445mg	9/60	1.48mg	25/45	3.45mg	73/75	7.50mg	58/60	
D	TR390	.650mg	1.28mg	0/60	1.48mg	0/45	3.45mg	35/75	7.50mg	33/60	liv:hpa,hpc,nnd. S

DIMETHYLCARBAMYL CHLORIDE 79-44-7

2337	1142	.439mg	.928mg	0/50	.553mg	50/99					Sellakumar;jept,4,107-115;1980
2338	1143	2.02mg	34.7mg	1/30	5.71mg	9/30					Van Duuren;jnci,53,695-700;1974
a	1143	2.25mg	134.mg	1/30	5.71mg	8/30					
b	1143	1.76mg	n.s.s.	10/30	5.71mg	14/30					

DIMETHYLDITHIOCARBAMIC ACID, DIMETHYLAMINE 598-64-1

2339	1222	37.9mg	n.s.s.	0/17	36.4mg	1/18					Innes;ntis,1968/1969
a	1222	43.3mg	n.s.s.	1/17	36.4mg	1/18					
b	1222	34.4mg	n.s.s.	2/17	36.4mg	2/18					
2340	1222	22.1mg	n.s.s.	1/18	33.9mg	3/18					
a	1222	44.5mg	n.s.s.	2/18	33.9mg	1/18					
b	1222	21.1mg	n.s.s.	3/18	33.9mg	4/18					
2341	1222	37.9mg	n.s.s.	0/16	36.4mg	1/18					
a	1222	72.1mg	n.s.s.	0/16	36.4mg	0/18					
b	1222	27.8mg	n.s.s.	0/16	36.4mg	2/18					
2342	1222	19.3mg	n.s.s.	0/16	33.9mg	3/17					
a	1222	24.3mg	n.s.s.	0/16	33.9mg	2/17					
b	1222	8.66mg	62.1mg	0/16	33.9mg	8/17					

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
N,N-DIMETHYLDODECYLAMINE-N-OXIDE 1643-20-5											
2343	1654	107.mg	n.s.s.	4/24	31.8mg	3/24					
2344	1654	45.1mg	n.s.s.	3/24	22.2mg	5/24				Lijinsky;fctx,22,715-720;1984	
a	1654	61.5mg	n.s.s.	2/24	22.2mg	3/24					
b	1654	71.6mg	n.s.s.	1/24	22.2mg	2/24					
DIMETHYLFORMAMIDE 68-12-2											
2345	2145	1.22gm	n.s.s.	0/61	23.5mg	1/63	94.0mg	2/61	376.mg	1/63	Malley;faat,23,268-279;1994
2346	2145	629.mg	n.s.s.	0/60	19.6mg	1/62	78.3mg	4/60	313.mg	2/59	
a	2145	559.mg	n.s.s.	13/60	19.6mg	11/62	78.3mg	11/60	313.mg	11/59	
2347	2145	1.17gm	n.s.s.	0/60	5.60mg	1/59	22.4mg	0/59	89.5mg	0/60	
2348	2145	310.mg	n.s.s.	1/57	3.92mg	1/59	15.7mg	3/58	62.7mg	2/60	
a	2145	543.mg	n.s.s.	0/57	3.92mg	0/59	15.7mg	0/58	62.7mg	1/60	
1,1-DIMETHYLHYDRAZINE (UDMH) 57-14-7											
2349	367	49.0mg	301.mg	1/50	136.mg	10/24					Toth;canc,40,2427-2431;1977
a	367	152.mg	n.s.s.	0/50	136.mg	2/24					
b	367	152.mg	n.s.s.	0/50	136.mg	2/24					
c	367	519.mg	n.s.s.	0/100	136.mg	0/32					
2350	367	84.8mg	329.mg	0/64	120.mg	15/45					
a	367	98.0mg	399.mg	0/85	120.mg	14/48					
b	367	98.0mg	399.mg	0/85	120.mg	14/48					
c	367	121.mg	592.mg	0/85	120.mg	11/48					
d	367	145.mg	957.mg	0/64	120.mg	8/45					
e	367	161.mg	1.25gm	0/64	120.mg	7/45					
f	367	295.mg	n.s.s.	0/85	120.mg	3/48					
g	367	909.mg	n.s.s.	0/88	120.mg	0/48					
2351	1916m	1.93mg	n.s.s.	2/20	.200mg	1/20	1.00mg	2/20	4.00mg	2/20	Goldenthal;irdc,399-063;1989/pers.comm.
a	1916m	.165mg	n.s.s.	0/20	.200mg	0/20	1.00mg	0/20	4.00mg	0/20	
b	1916m	.165mg	n.s.s.	0/20	.200mg	0/20	1.00mg	0/20	4.00mg	0/20	
2352	1916n	2.41mg	9.38mg	6/50	.200mg	10/49	1.00mg	13/50	4.00mg	28/50	
a	1916n	3.37mg	23.0mg	5/50	.200mg	9/49	1.00mg	12/50	4.00mg	21/50	
b	1916n	9.61mg	236.mg	1/50	.200mg	1/49	1.00mg	1/50	4.00mg	7/50	
c	1916n	13.6mg	n.s.s.	3/50	.200mg	2/50	1.00mg	1/50	4.00mg	5/50	
d	1916n	14.3mg	n.s.s.	4/50	.200mg	2/50	1.00mg	1/50	4.00mg	5/50	
e	1916n	15.6mg	n.s.s.	5/50	.200mg	1/50	1.00mg	0/50	4.00mg	5/50	
f	1916n	17.6mg	n.s.s.	4/50	.200mg	1/50	1.00mg	0/50	4.00mg	4/50	
g	1916n	15.5mg	n.s.s.	4/50	.200mg	6/50	1.00mg	2/50	4.00mg	5/50	
h	1916n	30.8mg	n.s.s.	1/50	.200mg	0/50	1.00mg	0/50	4.00mg	1/50	
i	1916n	15.6mg	n.s.s.	7/50	.200mg	11/50	1.00mg	3/50	4.00mg	7/50	
j	1916n	1.65mg	n.s.s.	1/50	.200mg	0/50	1.00mg	0/50	4.00mg	0/50	
k	1916n	27.5mg	n.s.s.	3/50	.200mg	5/50	1.00mg	1/50	4.00mg	2/50	
2353	2013m	1.82mg	43.3mg	3/20	8.00mg	10/20	16.0mg	11/20			Goldenthal;irdc,399-065;1990/pers.comm.
a	2013m	1.92mg	54.2mg	3/20	8.00mg	9/20	16.0mg	11/20			
b	2013m	7.87mg	n.s.s.	0/20	8.00mg	0/20	16.0mg	3/20			
c	2013m	7.87mg	n.s.s.	0/20	8.00mg	0/20	16.0mg	3/20			
d	2013m	9.77mg	n.s.s.	0/20	8.00mg	0/20	16.0mg	2/20			
e	2013m	9.77mg	n.s.s.	0/20	8.00mg	0/20	16.0mg	2/20			
f	2013m	13.2mg	n.s.s.	0/20	8.00mg	0/20	16.0mg	1/20			
g	2013m	13.2mg	n.s.s.	0/20	8.00mg	0/20	16.0mg	1/20			
h	2013m	13.3mg	n.s.s.	0/20	8.00mg	1/20	16.0mg	0/20			
2354	2013n	7.41mg	18.8mg	6/50	8.00mg	18/50	16.0mg	37/50			
a	2013n	7.72mg	18.6mg	4/50	8.00mg	15/50	16.0mg	37/50			
b	2013n	8.07mg	18.5mg	2/49	8.00mg	12/50	16.0mg	37/50			
c	2013n	8.36mg	18.8mg	1/49	8.00mg	10/50	16.0mg	37/50			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
d	2013n	12.4mg	n.s.s.	14/49	8.00mg	25/50	16.0mg	25/50				
e	2013n	15.3mg	n.s.s.	13/49	8.00mg	21/50	16.0mg	22/50				
f	2013n	19.5mg	n.s.s.	2/49	8.00mg	6/50	(16.0mg	1/50)				
g	2013n	55.4mg	n.s.s.	1/49	8.00mg	4/50	16.0mg	3/50				
h	2013n	134.mg	n.s.s.	2/50	8.00mg	3/50	16.0mg	0/50				
i	2013n	138.mg	n.s.s.	1/49	8.00mg	2/50	16.0mg	0/50				
j	2013n	134.mg	n.s.s.	0/49	8.00mg	1/50	16.0mg	0/50				
2355	1916m	1.60mg	n.s.s.	1/20	.167mg	0/20	.833mg	0/20	1.67mg	1/20	Goldenthal;irdc,399-063;1989/pers.comm.	
a	1916m	.132mg	n.s.s.	0/20	.167mg	0/20	.833mg	0/20	1.67mg	0/20		
b	1916m	2.06mg	n.s.s.	0/20	.167mg	1/20	.833mg	0/20	1.67mg	0/20		
c	1916m	1.55mg	n.s.s.	1/20	.167mg	1/20	.833mg	0/20	1.67mg	1/20		
d	1916m	1.02mg	n.s.s.	3/20	.167mg	1/20	.833mg	2/20	1.67mg	2/20		
2356	1916n	4.23mg	n.s.s.	5/50	.167mg	1/50	.833mg	5/50	1.67mg	8/50		
a	1916n	7.82mg	n.s.s.	0/50	.167mg	1/50	.833mg	0/50	1.67mg	3/50		
b	1916n	2.55mg	n.s.s.	16/50	.167mg	6/50	.833mg	10/50	1.67mg	19/50		
c	1916n	4.60mg	n.s.s.	11/50	.167mg	5/50	.833mg	5/50	1.67mg	11/50		
d	1916n	2.67mg	n.s.s.	16/50	.167mg	17/50	.833mg	24/50	1.67mg	16/50		
e	1916n	9.43mg	n.s.s.	0/50	.167mg	1/50	.833mg	0/50	1.67mg	2/50		
f	1916n	5.75mg	n.s.s.	4/50	.167mg	4/50	.833mg	7/50	1.67mg	4/50		
g	1916n	3.47mg	n.s.s.	12/50	.167mg	13/50	.833mg	17/50	1.67mg	12/50		
2357	2013m	1.84mg	n.s.s.	4/20	6.67mg	9/20	13.3mg	10/20			Goldenthal;irdc,399-065;1990/pers.comm.	
a	2013m	2.02mg	n.s.s.	4/20	6.67mg	9/20	13.3mg	9/20				
b	2013m	2.66mg	n.s.s.	0/20	6.67mg	2/20	(13.3mg	0/20)				
c	2013m	4.79mg	n.s.s.	0/20	6.67mg	1/20	13.3mg	4/20				
d	2013m	4.79mg	n.s.s.	0/20	6.67mg	1/20	13.3mg	4/20				
e	2013m	6.56mg	n.s.s.	0/20	6.67mg	0/20	13.3mg	3/20				
f	2013m	6.56mg	n.s.s.	0/20	6.67mg	0/20	13.3mg	3/20				
g	2013m	8.21mg	n.s.s.	0/20	6.67mg	1/20	13.3mg	1/20				
h	2013m	8.21mg	n.s.s.	0/20	6.67mg	1/20	13.3mg	1/20				
i	2013m	11.0mg	n.s.s.	0/20	6.67mg	0/20	13.3mg	1/20				
j	2013m	7.02mg	n.s.s.	1/20	6.67mg	3/20	13.3mg	1/20				
k	2013m	9.85mg	n.s.s.	1/20	6.67mg	1/20	13.3mg	1/20				
2358	2013n	4.28mg	9.51mg	5/50	6.67mg	30/50	13.3mg	39/50				
a	2013n	4.54mg	10.0mg	4/50	6.67mg	30/50	13.3mg	37/50				
b	2013n	4.54mg	10.3mg	5/50	6.67mg	29/50	13.3mg	38/50				
c	2013n	4.80mg	10.8mg	4/50	6.67mg	29/50	13.3mg	36/50				
d	2013n	12.3mg	n.s.s.	3/50	6.67mg	9/50	(13.3mg	0/50)				
e	2013n	12.3mg	n.s.s.	3/50	6.67mg	9/50	(13.3mg	3/50)				
f	2013n	9.70mg	n.s.s.	19/50	6.67mg	34/50	13.3mg	26/50				
g	2013n	12.3mg	n.s.s.	16/50	6.67mg	25/50	13.3mg	23/50				
h	2013n	32.9mg	n.s.s.	6/50	6.67mg	6/50	13.3mg	9/50				
i	2013n	83.4mg	n.s.s.	0/50	6.67mg	1/50	13.3mg	1/50				
j	2013n	83.4mg	n.s.s.	0/50	6.67mg	1/50	13.3mg	1/50				
k	2013n	29.8mg	n.s.s.	9/50	6.67mg	15/50	13.3mg	9/50				
2359	117	2.23mg	5.94mg	0/47	20.0mg	37/44					Toth;jnci,50,181-194;1973	
a	117	2.26mg	6.17mg	4/104	20.0mg	37/44						
b	117	3.38mg	10.3mg	12/104	20.0mg	32/44						
c	117	3.41mg	10.7mg	14/104	20.0mg	32/44						
d	117	19.2mg	1.11gm	2/104	20.0mg	6/44						
e	117	24.1mg	n.s.s.	0/32	20.0mg	1/23						
f	117	94.8mg	n.s.s.	0/109	20.0mg	0/48						
2360	117	1.33mg	3.37mg	0/50	16.7mg	42/49						
a	117	1.34mg	3.44mg	2/91	16.7mg	42/49						
b	117	1.63mg	4.53mg	10/86	16.7mg	39/48						
c	117	1.63mg	4.53mg	10/86	16.7mg	39/48						
d	117	9.19mg	59.3mg	0/45	16.7mg	9/48						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
e	117	12.4mg	218.mg	0/45	16.7mg	6/48					
f	117	16.1mg	391.mg	0/86	16.7mg	4/48					
2361	1095	4.00mg	n.s.s.	8/85	10.4mg	5/25					
2362	2012m	57.2ug	n.s.s.	1/20	57.1ug	0/20	2.86mg	0/20	5.71mg	0/20	Roe;natu,216,375-376;1967
2363	2012n	14.5mg	310.mg	0/50	57.1ug	1/50	2.86mg	5/50	5.71mg	5/50	Goldenthal;irdc,399-062;1989/pers.comm.
a	2012n	17.6mg	197.mg	0/50	57.1ug	0/50	2.86mg	3/50	5.71mg	4/50	
b	2012n	5.82mg	n.s.s.	15/50	57.1ug	22/50	2.86mg	16/50	5.71mg	28/50	
c	2012n	38.9mg	n.s.s.	0/50	57.1ug	1/50	2.86mg	2/50	5.71mg	1/50	
2364	2012m	50.0ug	n.s.s.	0/20	50.0ug	0/20	2.50mg	0/20	5.00mg	0/20	
2365	2012n	26.3mg	n.s.s.	3/50	50.0ug	0/50	2.50mg	1/50	5.00mg	3/50	
a	2012n	30.0mg	n.s.s.	2/50	50.0ug	0/50	2.50mg	1/50	5.00mg	2/50	
b	2012n	45.5mg	n.s.s.	1/50	50.0ug	0/50	2.50mg	0/50	5.00mg	1/50	
1,2-DIMETHYLHYDRAZINE.2HCl 306-37-6											
2366	1108	94.9ug	.258mg	0/32	1.36mg	44/48					Toth;canr,32,804-807;1972/1967a
a	1108	94.9ug	.258mg	0/32	1.36mg	44/48					
b	1108	.250mg	.670mg	0/32	1.36mg	30/48					
c	1108	.487mg	1.76mg	0/32	1.36mg	17/47					
d	1108	.444mg	2.51mg	0/25	1.36mg	10/29					
e	1108	.566mg	2.27mg	0/32	1.36mg	15/48					
f	1108	.604mg	6.57mg	0/25	1.36mg	7/29					
g	1108	.940mg	11.0mg	0/32	1.36mg	8/47					
h	1108	.962mg	11.8mg	0/32	1.36mg	8/48					
i	1108	1.16mg	n.s.s.	0/32	1.36mg	6/47					
j	1108	3.00mg	n.s.s.	0/32	1.36mg	1/48					
2367	1108	.135mg	.342mg	0/31	1.20mg	41/49					
a	1108	.135mg	.342mg	0/31	1.20mg	41/49					
b	1108	.406mg	1.28mg	0/31	1.20mg	21/49					
c	1108	.701mg	3.69mg	0/31	1.20mg	12/49					
d	1108	.883mg	18.3mg	0/28	1.20mg	7/41					
e	1108	1.07mg	37.5mg	0/31	1.20mg	7/49					
f	1108	.987mg	n.s.s.	0/28	1.20mg	6/41					
g	1108	3.03mg	n.s.s.	0/31	1.20mg	1/49					
2368	119	n.s.s.	.128mg	4/109	2.00mg	49/49					Toth;ajpa,64,585-600;1971
a	119	.334mg	1.11mg	0/18	2.00mg	22/48					
b	119	2.26mg	n.s.s.	0/15	2.00mg	1/41					
2369	119	60.3ug	.171mg	0/40	1.67mg	46/49					
a	119	.116mg	.291mg	0/40	1.67mg	39/49					
b	119	.131mg	.330mg	0/40	1.67mg	37/49					
c	119	.139mg	.351mg	0/40	1.67mg	36/49					
d	119	.211mg	.580mg	0/40	1.67mg	28/49					
e	119	.233mg	.662mg	0/40	1.67mg	26/49					
f	119	.427mg	1.66mg	0/40	1.67mg	15/49					
g	119	.522mg	2.49mg	0/40	1.67mg	12/49					
h	119	.655mg	n.s.s.	11/95	1.67mg	12/49					
2-(2,2-DIMETHYLHYDRAZINO)-4-(5-NITRO-2-FURYL)THIAZOLE 26049-69-4											
2370	200a	n.s.s.	.410mg	2/39	3.48mg	35/35					Cohen;jnci,51,403-417;1973
a	200a	.219mg	.707mg	0/39	3.48mg	32/35					
b	200a	4.02mg	n.s.s.	0/39	3.48mg	2/35					
c	200a	10.1mg	n.s.s.	0/39	3.48mg	0/35					
d	200a	n.s.s.	.410mg	2/39	3.48mg	35/35					
DIMETHYLNITRAMINE 4164-28-7											
2371	1931	4.98mg	27.4mg	0/10	6.43mg	3/10	12.9mg	8/10			Scherf;carc,10,1977-1981;1989/pers.comm.
2372	1931	2.26mg	10.7mg	0/10	6.43mg	6/10	12.9mg	10/10			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
2373	119a	89.8ug	.796mg	0/107	.860mg	9/10			Goodall;clet,1,295-298;1976	
a	119a	96.7ug	2.35mg	40/107	.860mg	9/10				
2374	119a	.126mg	1.02mg	1/107	.753mg	8/10				
a	119a	.137mg	3.12mg	30/107	.753mg	8/10				
DIMETHYLTHIOUREA 61805-96-7										
2375	2611	20.4mg	n.s.s.	0/10	35.7mg	0/10	179.mg	0/10	Rao;oncr,6,1285-1288;1999	
DIMETHYLVINYL CHLORIDE 513-37-1										
2376	TR316	8.29mg	24.3mg	0/50	71.4mg	41/50	(142.mg	36/50)		for:adq,can,sql.
a	TR316	8.29mg	24.3mg	0/50	71.4mg	41/50	(142.mg	38/50)		for:adq,can,sql,sql.
b	TR316	8.34mg	24.8mg	0/50	71.4mg	40/50	(142.mg	36/50)		
c	TR316	8.34mg	24.8mg	0/50	71.4mg	40/50	(142.mg	38/50)		for:sql,sql.
d	TR316	45.7mg	1.32gm	10/50	71.4mg	2/50	142.mg	10/50	jej:mlp; liv:mlm; mul:mlh,mlm,mlp; spl:mlm.	S
e	TR316	52.9mg	489.mg	0/50	71.4mg	3/50	142.mg	5/50		S
f	TR316	50.0mg	3.68gm	4/50	71.4mg	4/50	142.mg	4/50		S
g	TR316	58.7mg	1.62gm	3/50	71.4mg	1/50	142.mg	7/50		lun:a/a,a/c.
h	TR316	68.5mg	2.72gm	2/50	71.4mg	1/50	142.mg	6/50		S
i	TR316	83.4mg	5.10gm	0/50	71.4mg	1/50	142.mg	3/50		
j	TR316	64.1mg	n.s.s.	6/50	71.4mg	1/50	142.mg	5/50		liv:mlm; mul:mlm; spl:mlm.
k	TR316	9.20mg	25.3mg	32/50	71.4mg	45/50	142.mg	43/50		S
l	TR316	50.0mg	3.68gm	4/50	71.4mg	4/50	142.mg	4/50		liv:hpa,hpc,nnd.
m	TR316	58.7mg	1.62gm	3/50	71.4mg	1/50	142.mg	7/50		lun:a/a,a/c.
2377	TR316	9.93mg	23.6mg	2/50	71.4mg	44/50	142.mg	42/50		for:sql,sql; pre:sql.
a	TR316	10.1mg	23.7mg	1/50	71.4mg	43/50	142.mg	41/50		for:sql,sql.
b	TR316	11.2mg	26.2mg	0/50	71.4mg	42/50	142.mg	35/50		
c	TR316	24.0mg	133.mg	11/50	71.4mg	12/50	142.mg	13/50		liv:hpa,hpc.
d	TR316	36.4mg	407.mg	8/50	71.4mg	7/50	142.mg	8/50		S
e	TR316	37.2mg	355.mg	6/50	71.4mg	9/50	142.mg	8/50		lun:a/a,a/c.
f	TR316	41.8mg	213.mg	1/50	71.4mg	3/50	142.mg	16/50		
g	TR316	44.3mg	375.mg	3/50	71.4mg	6/50	142.mg	7/50		S
h	TR316	43.2mg	778.mg	3/50	71.4mg	6/50	142.mg	4/50		S
i	TR316	51.1mg	4.32gm	6/50	71.4mg	6/50	142.mg	6/50	duo:mlm; lyd:mno; mul:grl,mlh,mlm,mlp,mlu; spl:mlm.	S
j	TR316	50.4mg	1.51gm	2/50	71.4mg	3/50	142.mg	3/50		S
k	TR316	52.0mg	7.57gm	6/50	71.4mg	5/50	142.mg	6/50	duo:mlm; lyd:mno; mul:mlh,mlm,mlp,mlu; spl:mlm.	S
l	TR316	66.8mg	827.mg	1/50	71.4mg	3/50	142.mg	8/50		
m	TR316	65.5mg	3.88gm	3/50	71.4mg	4/50	142.mg	5/50		S
n	TR316	68.2mg	5.79gm	2/50	71.4mg	3/50	142.mg	4/50	liv:hem,hes; mln:hem; pre:hem; spl:hes.	S
o	TR316	83.9mg	n.s.s.	1/50	71.4mg	1/50	142.mg	3/50		liv:hes; spl:hes.
p	TR316	8.92mg	23.2mg	26/50	71.4mg	47/50	142.mg	44/50		
q	TR316	24.0mg	133.mg	11/50	71.4mg	12/50	142.mg	13/50		liv:hpa,hpc,nnd.
r	TR316	37.2mg	355.mg	6/50	71.4mg	9/50	142.mg	8/50		lun:a/a,a/c.
2378	TR316	15.9mg	40.5mg	1/50	70.7mg	25/50	143.mg	36/50	eso:sql; for:sql,sql; gnv:sql; nas:adc,adn,can,sql; orm:sql;	
a	TR316	20.8mg	55.6mg	0/50	70.7mg	17/50	143.mg	35/50	pal:sql,sql; ton:sql.	C
b	TR316	21.1mg	57.5mg	0/50	70.7mg	16/50	143.mg	35/50	nas:adc,adn,can,sql.	
c	TR316	19.1mg	89.9mg	11/50	70.7mg	21/50	143.mg	5/50	nas:adc,can,sql.	
d	TR316	19.5mg	98.1mg	10/50	70.7mg	18/50	143.mg	5/50	mgl:adc,fa.	S
e	TR316	26.9mg	77.7mg	0/50	70.7mg	13/50	143.mg	29/50		S
f	TR316	29.2mg	89.1mg	0/50	70.7mg	11/50	143.mg	28/50	nas:can,sql.	
g	TR316	29.5mg	616.mg	17/50	70.7mg	17/50	143.mg	2/50	pta:adn,cra,crc.	S
h	TR316	30.3mg	940.mg	17/50	70.7mg	16/50	143.mg	2/50	pta:cra,crc.	S
i	TR316	35.3mg	543.mg	8/50	70.7mg	12/50	143.mg	2/50	ute:esp,ess.	S
j	TR316	36.6mg	801.mg	8/50	70.7mg	11/50	143.mg	2/50		S
k	TR316	40.2mg	313.mg	1/50	70.7mg	9/50	143.mg	2/50	for:sql,sql.	
l	TR316	44.3mg	994.mg	1/50	70.7mg	5/50	143.mg	1/50	thy:fca,fcc.	S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
m	TR316	44.9mg	1.53gm	1/50	70.7mg	5/50	143.mg	0/50		S
n	TR316	54.6mg	412.mg	0/50	70.7mg	4/50	143.mg	6/50	nas:adc,adn.	
o	TR316	56.8mg	504.mg	0/50	70.7mg	3/50	143.mg	6/50		
p	TR316	65.9mg	832.mg	0/50	70.7mg	5/50	143.mg	1/50		
q	TR316	62.0mg	7.92gm	1/50	70.7mg	4/50	143.mg	1/50		
r	TR316	70.5mg	1.11gm	0/50	70.7mg	4/50	143.mg	1/50	lun:a/a,a/c.	S
s	TR316	72.5mg	1.89gm	0/50	70.7mg	3/50	143.mg	1/50		
t	TR316	117.mg	1.13gm	0/50	70.7mg	2/50	143.mg	5/50	gnv:sqc; orm:sqp; pal:sqc,sqp; ton:sqc.	
u	TR316	343.mg	10.5gm	0/50	70.7mg	0/50	143.mg	4/50	orm:sqp; pal:sqc.	
v	TR316	37.4mg	n.s.s.	16/50	70.7mg	13/50	143.mg	2/50	pta:adn,cra.	S
w	TR316	38.9mg	n.s.s.	16/50	70.7mg	12/50	143.mg	2/50		S
x	TR316	59.6mg	n.s.s.	5/50	70.7mg	8/50	143.mg	1/50	mul:lle,mnl.	S
y	TR316	64.5mg	n.s.s.	5/50	70.7mg	7/50	143.mg	1/50		S
z	TR316	64.6mg	n.s.s.	1/50	70.7mg	4/50	143.mg	0/50		S
A	TR316	64.4mg	n.s.s.	3/50	70.7mg	4/50	143.mg	1/50		S
B	TR316	369.mg	n.s.s.	0/50	70.7mg	0/50	143.mg	3/50		
C	TR316	7.69mg	19.4mg	33/50	70.7mg	48/50	143.mg	42/50		
D	TR316	n.s.s.	n.s.s.	0/50	70.7mg	0/50	143.mg	0/50	liv:hpa,hpc,nnd.	
2379	TR316	7.93mg	30.9mg	40/50	70.7mg	41/50	143.mg	6/50		S
a	TR316	10.8mg	28.5mg	0/50	70.7mg	33/50	143.mg	29/50	eso:sqc,sqp; for:sqc,sqp; lpp:sqc; nas:adc,can,sqc; pal:sqc,sqp; ton:sqc,sqp.	C
b	TR316	18.2mg	47.1mg	0/50	70.7mg	23/50	143.mg	28/50	nas:adc,can,sqc.	
c	TR316	19.8mg	98.0mg	0/50	70.7mg	14/50	143.mg	0/50	for:sqc,sqp.	
d	TR316	32.0mg	84.8mg	0/50	70.7mg	15/50	143.mg	24/50	nas:can,sqc.	
e	TR316	38.2mg	101.mg	0/50	70.7mg	12/50	143.mg	24/50		
f	TR316	26.7mg	230.mg	0/50	70.7mg	7/50	143.mg	0/50		
g	TR316	29.7mg	185.mg	0/50	70.7mg	8/50	143.mg	4/50		S
h	TR316	32.0mg	249.mg	0/50	70.7mg	6/50	143.mg	4/50	eso:sqc,sqp.	
i	TR316	44.2mg	2.22gm	3/50	70.7mg	6/50	143.mg	1/50		S
j	TR316	50.3mg	463.mg	0/50	70.7mg	7/50	143.mg	0/50		
k	TR316	44.3mg	770.mg	0/50	70.7mg	4/50	143.mg	1/50		
l	TR316	56.5mg	511.mg	0/50	70.7mg	5/50	143.mg	4/50	lpp:sqc; pal:sqc,sqp; ton:sqc,sqp.	
m	TR316	58.0mg	708.mg	0/50	70.7mg	5/50	143.mg	2/50	lpp:sqc; pal:sqc; ton:sqc.	
n	TR316	59.8mg	1.31gm	0/50	70.7mg	2/50	143.mg	3/50		
o	TR316	87.7mg	13.1gm	0/50	70.7mg	3/50	143.mg	0/50		
p	TR316	157.mg	2.06gm	0/50	70.7mg	3/50	143.mg	3/50	ton:sqc,sqp.	
q	TR316	165.mg	4.25gm	0/50	70.7mg	3/50	143.mg	2/50		
r	TR316	29.2mg	n.s.s.	13/50	70.7mg	7/50	143.mg	3/50	adr:phm; amd:phe.	S
s	TR316	6.56mg	17.2mg	40/50	70.7mg	48/50	143.mg	37/50		
t	TR316	107.mg	n.s.s.	1/50	70.7mg	0/50	143.mg	1/50	liv:hpa,hpc,nnd.	
2,4-DINITRO-6-tert-BUTYLPHENYL METHANESULFONATE (HE 166) 29110-68-7										
2380	2336	.491mg	n.s.s.	0/6	1.25mg	0/10	5.00mg	0/8		Imai;jtxs,9,161-174;1984
a	2336	.800mg	n.s.s.	0/6	1.25mg	1/10	5.00mg	2/8		
2381	2336	.247mg	n.s.s.	0/6	1.00mg	0/6	4.00mg	0/6		
a	2336	.247mg	n.s.s.	0/6	1.00mg	0/6	4.00mg	0/6		
DINITRO(1-METHYLHEPTYL)PHENYL CROTONATE, COMMERCIAL GRADE (78%) (karathane) 6119-92-2										
2382	1290	.774mg	n.s.s.	0/17	.414mg	0/17				Innes;ntis,1968/1969
a	1290	.774mg	n.s.s.	1/17	.414mg	0/17				
b	1290	.774mg	n.s.s.	2/17	.414mg	0/17				
2383	1290	.302mg	n.s.s.	1/18	.385mg	2/17				
a	1290	.335mg	n.s.s.	2/18	.385mg	2/17				
b	1290	.280mg	n.s.s.	3/18	.385mg	3/17				
2384	1290	.407mg	n.s.s.	0/16	.414mg	1/17				
a	1290	.774mg	n.s.s.	0/16	.414mg	0/17				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc										Citation or Pathology	Brkly Code
b	1290	.297mg	n.s.s.	0/16	.414mg	2/17													
2385	1290	.378mg	n.s.s.	0/16	.385mg	1/17													
a	1290	.721mg	n.s.s.	0/16	.385mg	0/17													
b	1290	.152mg	5.47mg	0/16	.385mg	5/17													
2,4-DINITROPHENOL 51-28-5																			
2386	257	241.mg	n.s.s.	0/28	62.5mg	0/38												King;pseb,112,365-366;1963	
2,4-DINITROPHENOL, SODIUM 1011-73-0																			
2387	1652	2.38gm	n.s.s.	37/50	325.mg	1/50												Tannenbaum;canr,9,403-410;1949	
1,4-DINITROSO-2,6-DIMETHYLPIPERAZINE 55380-34-2																			
2388	1570	1.17mg	n.s.s.	3/20	3.68mg	9/20												Lijinsky;carc,4,1165-1167;1983	
a	1570	2.08mg	n.s.s.	0/20	3.68mg	4/20													
b	1570	2.50mg	n.s.s.	0/20	3.68mg	3/20													
c	1570	.448mg	2.63mg	3/20	3.68mg	16/20													
DINITROSCAFFEIDINE 145438-97-7																			
2389	2573	.120mg	.288mg	0/43	1.71mg	42/42	9.13mg	40/42										Ivankovic;carc,19,933-937;1998	
DINITROSOHOMOPIPERAZINE 55557-00-1																			
2390	1375m	.144mg	.501mg	0/20	10.1ug	1/20	26.4ug	3/20	72.0ug	7/20	.269mg	13/20	(1.18mg	10/20				Lijinsky;eas,6,513-527;1982/pers.comm.	
					2.93mg	14/20)													
a	1375m	.151mg	.538mg	0/20	10.1ug	1/20	26.4ug	3/20	72.0ug	6/20	.269mg	13/20	(1.18mg	10/20					
					2.93mg	14/20)													
b	1375m	.398mg	1.43mg	0/20	10.1ug	1/20	26.4ug	4/20	72.0ug	9/20	.269mg	16/20	1.18mg	15/20					
					2.93mg	19/20													
c	1375m	29.3mg	n.s.s.	1/20	10.1ug	6/20	26.4ug	4/20	72.0ug	1/20	.269mg	0/20	1.18mg	0/20					
					2.93mg	0/20													
d	1375m	26.8mg	n.s.s.	0/20	10.1ug	0/20	26.4ug	0/20	72.0ug	7/20	.269mg	0/20	1.18mg	0/20					
					2.93mg	0/20													
2391	1375n	12.2ug	68.1ug	0/20	.209mg	19/20													
a	1375n	23.4ug	.102mg	0/20	.209mg	17/20													
b	1375n	28.2ug	.120mg	0/20	.209mg	16/20													
c	1375n	88.4ug	.783mg	0/20	.209mg	7/20													
2392	1375o	52.8ug	.173mg	0/20	39.9ug	5/20	.116mg	17/20											
a	1375o	40.6ug	1.20mg	1/20	39.9ug	8/20	(.116mg	6/20)											
b	1375o	59.4ug	.203mg	0/20	39.9ug	3/20	.116mg	17/20											
c	1375o	.239mg	4.43mg	0/20	39.9ug	0/20	.116mg	5/20											
N,N-DINITROSO-PENTAMETHYLENETETRAMINE 101-25-7																			
2393	1258	4.93mg	n.s.s.	1/22	1.86mg	1/23												Boyland;ejca,4,233-239;1968	
DINITROSOPIPERAZINE 140-79-4																			
2394	1347	1.59mg	28.1mg	0/22	3.08mg	4/11												Pai;carc,2,175-177;1981	
a	1347	1.36mg	n.s.s.	2/22	3.08mg	5/11													
2395	1347	.831mg	7.00mg	0/12	2.56mg	7/12													
2396	1250	11.7mg	n.s.s.	7/29	10.4mg	3/14												Borzsonyi;canr,40,2925-2927;1980	
a	1250	27.8mg	n.s.s.	4/29	10.4mg	0/14													
b	1250	5.26mg	n.s.s.	25/29	10.4mg	10/14													
2397	1250	4.07mg	27.6mg	3/50	8.67mg	11/22													
a	1250	12.2mg	n.s.s.	2/50	8.67mg	3/22													
b	1250	3.17mg	n.s.s.	19/50	8.67mg	15/22													
2,6-DINITROTOLUENE 606-20-2																			
2398	1834	.305mg	1.06mg	0/20	7.00mg	17/20	14.0mg	19/19										Leonard;jnci,79,1313-1319;1987/pers.comm.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	1834	.305mg	1.06mg	0/20	7.00mg	17/20	14.0mg	19/19		
b	1834	.587mg	1.65mg	0/20	7.00mg	18/20	14.0mg	15/19		
c	1834	8.41mg	n.s.s.	0/20	7.00mg	2/20	14.0mg	0/19		
d	1834	11.2mg	n.s.s.	0/20	7.00mg	1/20	14.0mg	0/19		
2399	2223m	82.0ug	.503mg	0/10	.650mg	3/10	3.25mg	10/10	Goldsworthy; carc, 7, 1909-1915; 1986	
a	2223m	.229mg	2.82mg	0/10	.650mg	3/10	3.25mg	6/10		
b	2223m	.318mg	2.97mg	0/10	.650mg	0/10	3.25mg	6/10		
2400	2223n	.279mg	n.s.s.	0/10	.650mg	0/10	3.25mg	0/10		
2401	2223o	.279mg	n.s.s.	0/10	.650mg	0/10	3.25mg	0/10		

2,4-DINITROTOLUENE (CONTAINING 0.5% 2,6-DINITROTOLUENE) 121-14-2

2402	1834	14.7mg	n.s.s.	0/20	27.0mg	1/20			Leonard; jnci, 79, 1313-1319; 1987/pers. comm.	
a	1834	14.7mg	n.s.s.	0/20	27.0mg	1/20				

2,4-DINITROTOLUENE (CONTAINING 1.0-1.5% 2,6-DINITROTOLUENE) 121-14-2

2403	2221m	4.61mg	n.s.s.	0/8	13.0mg	0/8	91.0mg	0/8	650.0mg	0/8	Hong; jact, 4, 257-269; 1985
a	2221m	4.61mg	n.s.s.	0/8	13.0mg	0/8	91.0mg	0/8	650.0mg	0/8	
2404	2221n	1.88gm	n.s.s.	0/23	13.0mg	0/20	91.0mg	0/22	650.0mg	1/23	
a	2221n	49.0mg	n.s.s.	0/23	13.0mg	0/21	91.0mg	0/23	650.0mg	0/25	
2405	2221m	103.0mg	n.s.s.	0/8	12.0mg	0/8	84.0mg	0/8	600.0mg	2/8	
a	2221m	4.25mg	n.s.s.	0/8	12.0mg	0/8	84.0mg	0/8	600.0mg	0/8	
2406	2221n	16.5mg	56.9mg	0/24	12.0mg	6/22	84.0mg	16/19	(600.0mg 10/29)		
a	2221n	51.8mg	n.s.s.	0/25	12.0mg	0/25	84.0mg	0/20	600.0mg	0/32	
2407	2222m	1.66mg	14.5mg	0/8	.750mg	0/8	5.00mg	0/8	35.0mg	7/8	Lee; jact, 4, 243-256; 1985
a	2222m	8.57mg	n.s.s.	0/8	.750mg	0/8	5.00mg	0/8	35.0mg	1/8	
2408	2222n	25.9mg	128.0mg	0/23	.750mg	0/28	5.00mg	1/26	35.0mg	10/25	
a	2222n	2.97mg	n.s.s.	11/23	.750mg	1/28	5.00mg	16/26	(35.0mg 21/25)		
b	2222n	46.1mg	n.s.s.	0/23	.750mg	2/28	5.00mg	2/26	35.0mg	5/25	
c	2222n	58.5mg	n.s.s.	1/23	.750mg	2/28	5.00mg	0/26	35.0mg	4/25	
2409	2222m	1.60mg	19.4mg	0/8	.600mg	1/8	4.00mg	0/8	28.0mg	6/8	
a	2222m	.211mg	n.s.s.	0/7	.600mg	0/8	4.00mg	0/8	28.0mg	0/7	
2410	2222n	13.9mg	83.0mg	2/25	.600mg	4/27	4.00mg	3/19	28.0mg	15/27	
a	2222n	33.6mg	747.0mg	1/25	.600mg	0/27	4.00mg	1/19	28.0mg	6/27	
b	2222n	69.1mg	n.s.s.	0/25	.600mg	0/27	4.00mg	0/19	28.0mg	2/27	
c	2222n	72.3mg	n.s.s.	1/25	.600mg	2/27	4.00mg	1/19	28.0mg	2/27	

2,4-DINITROTOLUENE, PRACTICAL GRADE 121-14-2

2411	TR54	18.6mg	n.s.s.	39/100	8.80mg	14/50	(44.2mg 11/50)				
a	TR54	234.0mg	n.s.s.	8/100	8.80mg	1/50	44.2mg	1/50			liv:hpa,hpc,nnd.
b	TR54	18.6mg	n.s.s.	2/100	8.80mg	4/50	(44.2mg 0/50)				lun:a/a,a/c.
2412	TR54	86.7mg	n.s.s.	40/100	8.20mg	13/50	40.8mg	13/50			
a	TR54	86.7mg	n.s.s.	22/100	8.20mg	6/50	40.8mg	9/50			liv:hpa,hpc,nnd.
b	TR54	39.4mg	n.s.s.	18/100	8.20mg	3/50	(40.8mg 2/50)				lun:a/a,a/c.
2413	TR54	5.78mg	n.s.s.	13/75	3.00mg	12/50	7.50mg	23/50			
a	TR54	5.97mg	n.s.s.	57/75	3.00mg	41/50	7.50mg	40/50			
b	TR54	35.0mg	n.s.s.	3/75	3.00mg	0/50	7.50mg	2/50			liv:hpa,hpc,nnd.
2414	TR54	5.49mg	19.1mg	0/75	2.40mg	7/50	6.00mg	13/50			ski: fib; sub: fib.
a	TR54	4.84mg	n.s.s.	40/75	2.40mg	29/50	6.00mg	35/50			
b	TR54	12.6mg	n.s.s.	0/75	2.40mg	3/50	6.00mg	3/50			liv:hpa,hpc,nnd.

DINITROTOLUENE, TECHNICAL GRADE (2,4 (77%)- and 2,6 (19%)-) 25321-14-6

2415	1834	3.82mg	20.9mg	0/20	35.0mg	10/19			Leonard; jnci, 79, 1313-1319; 1987/pers. comm.	
a	1834	4.32mg	26.1mg	0/20	35.0mg	9/19				
b	1834	13.2mg	n.s.s.	0/20	35.0mg	2/19				

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
1,4-DIOXANE (p-dioxane) 123-91-1											
2416	TR80	426.mg	861.mg	0/50	984.mg	21/50	1.99gm	35/50			liv:hpa,hpc.
a	TR80	639.mg	1.45gm	0/50	984.mg	12/50	1.99gm	29/50			
b	TR80	501.mg	2.19gm	15/50	984.mg	31/50	1.99gm	35/50			
c	TR80	426.mg	861.mg	0/50	984.mg	21/50	1.99gm	35/50	liv:hpa,hpc,nd.		
d	TR80	6.34gm	n.s.s.	3/50	984.mg	0/50	1.99gm	3/50	lun:a/a,a/c.		
2417	TR80	863.mg	3.66gm	4/50	820.mg	18/50	1.65gm	24/50			
a	TR80	833.mg	5.11gm	8/50	820.mg	19/50	1.65gm	28/50	liv:hpa,hpc.		
b	TR80	1.29gm	22.1gm	0/50	820.mg	6/50	(1.65gm	3/50)	---:hem,hes.		S
c	TR80	1.49gm	16.3gm	0/50	820.mg	5/50	(1.65gm	2/50)			S
d	TR80	841.mg	n.s.s.	19/50	820.mg	28/50	1.65gm	33/50			
e	TR80	833.mg	5.11gm	8/50	820.mg	19/50	1.65gm	28/50	liv:hpa,hpc,nd.		
f	TR80	8.27gm	n.s.s.	8/50	820.mg	3/50	1.65gm	3/50	lun:a/a,a/c.		
2418	2444	40.8mg	117.mg	4/50	99.0mg	34/50	(396.mg	41/50	1.58gm	46/50)	Yamazaki;icmr,1993,193-198;1994/pers.comm.
a	2444	50.5mg	159.mg	4/50	99.0mg	30/50	(396.mg	20/50	1.58gm	2/50)	
b	2444	292.mg	570.mg	0/50	99.0mg	6/50	396.mg	30/50	1.58gm	45/50	
c	2444	11.7gm	n.s.s.	0/50	99.0mg	0/50	396.mg	0/50	1.58gm	1/50	
2419	2444	262.mg	2.99gm	7/50	82.5mg	16/50	330.mg	22/50	(1.32gm	8/50)	
a	2444	480.mg	5.39gm	21/50	82.5mg	31/50	330.mg	37/50	1.32gm	39/50	
b	2444	581.mg	2.79gm	15/50	82.5mg	20/50	330.mg	23/50	1.32gm	36/50	
c	2444	9.78gm	n.s.s.	0/50	82.5mg	0/50	330.mg	0/50	1.32gm	1/50	
2420	TR80	69.7mg	218.mg	0/35	284.mg	18/35	569.mg	18/35			liv:hpa; ntu:sqc. C
a	TR80	79.1mg	323.mg	0/35	284.mg	10/35	569.mg	11/35			
b	TR80	249.mg	970.mg	0/35	284.mg	10/35	569.mg	8/35			
c	TR80	20.0mg	108.mg	26/35	284.mg	28/35	(569.mg	22/35)			
d	TR80	60.1mg	263.mg	0/35	284.mg	10/35	569.mg	12/35	liv:hpa,hpc,nd.		
2421	TR80	94.3mg	304.mg	0/35	250.mg	12/35	500.mg	16/35			
a	TR80	59.3mg	339.mg	21/35	250.mg	18/35	500.mg	27/35			
b	TR80	190.mg	n.s.s.	1/35	250.mg	2/35	500.mg	1/35	liv:hpa,hpc,nd.		
2422	124	1.20gm	n.s.s.	0/30	305.mg	1/30	406.mg	1/30	569.mg	2/30	731.mg 2/30 Hoch-Ligeti;bjca,24,164-167;1969
2423	2444	113.mg	258.mg	1/50	11.3mg	0/50	56.6mg	5/50	283.mg	40/50	Yamazaki;icmr,1993,193-198;1994/pers.comm.
a	2444	123.mg	283.mg	1/50	11.3mg	0/50	56.6mg	5/50	283.mg	38/50	
b	2444	337.mg	24.1gm	6/50	11.3mg	7/50	56.6mg	10/50	283.mg	16/50	
c	2444	547.mg	2.89gm	0/50	11.3mg	0/50	56.6mg	0/50	283.mg	10/50	
d	2444	648.mg	4.19gm	0/50	11.3mg	0/50	56.6mg	0/50	283.mg	8/50	
e	2444	712.mg	5.28gm	0/50	11.3mg	0/50	56.6mg	0/50	283.mg	7/50	
f	2444	1.98gm	n.s.s.	0/50	11.3mg	0/50	56.6mg	0/50	283.mg	1/50	
2424	2444	126.mg	297.mg	0/50	9.90mg	2/50	49.5mg	4/50	248.mg	33/50	
a	2444	157.mg	430.mg	2/50	9.90mg	2/50	49.5mg	5/50	248.mg	28/50	
b	2444	179.mg	483.mg	0/50	9.90mg	2/50	49.5mg	4/50	248.mg	24/50	
c	2444	363.mg	1.47gm	0/50	9.90mg	0/50	49.5mg	0/50	248.mg	14/50	
d	2444	392.mg	34.7gm	5/50	9.90mg	3/50	49.5mg	5/50	248.mg	12/50	
e	2444	623.mg	4.62gm	0/50	9.90mg	0/50	49.5mg	0/50	248.mg	7/50	
f	2444	1.06gm	99.6gm	0/50	9.90mg	0/50	49.5mg	0/50	248.mg	3/50	
g	2444	906.mg	n.s.s.	1/50	9.90mg	1/50	49.5mg	0/50	248.mg	4/50	
h	2444	1.30gm	n.s.s.	0/50	9.90mg	0/50	49.5mg	0/50	248.mg	2/50	
i	2444	1.73gm	n.s.s.	0/50	9.90mg	0/50	49.5mg	0/50	248.mg	1/50	
j	2444	1.73gm	n.s.s.	0/50	9.90mg	0/50	49.5mg	0/50	248.mg	1/50	
2425	125	1.08gm	5.36gm	2/106	5.29mg	0/110	52.9mg	1/106	529.mg	12/66	Kociba;txap,30,275-286;1974
a	125	1.22gm	6.73gm	1/106	5.29mg	0/110	52.9mg	1/106	529.mg	10/66	
b	125	4.82gm	231.gm	0/120	5.29mg	0/120	52.9mg	0/120	529.mg	3/120	
c	125	4.33gm	n.s.s.	31/120	5.29mg	34/120	52.9mg	28/120	529.mg	21/120	
2426	104	209.mg	n.s.s.	0/9	521.mg	6/26					Argus;jnci,35,949-958;1965
a	104	206.mg	n.s.s.	1/9	521.mg	7/26					

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
DIOXATHION 78-34-2									
2427	TR125	207.mg	n.s.s.	2/20	52.5mg	6/50	105.mg	6/50	
a	TR125	623.mg	n.s.s.	0/20	52.5mg	1/50	105.mg	0/50	liv:hpa,hpc,nnd.
b	TR125	447.mg	n.s.s.	0/20	52.5mg	1/50	105.mg	1/50	lun:a/a,a/c.
2428	TR125	77.0mg	n.s.s.	7/20	29.5mg	10/50	58.8mg	13/50	
a	TR125	128.mg	n.s.s.	4/20	29.5mg	4/50	58.8mg	6/50	liv:hpa,hpc,nnd.
b	TR125	141.mg	n.s.s.	1/20	29.5mg	1/50	58.8mg	4/50	lun:a/a,a/c.
2429	TR125	3.98mg	n.s.s.	36/50	1.60mg	27/50	3.00mg	29/50	
a	TR125	36.3mg	n.s.s.	1/50	1.60mg	0/50	3.00mg	0/50	liv:hpa,hpc,nnd.
2430	TR125	6.81mg	n.s.s.	28/50	2.40mg	23/50	4.80mg	21/50	
a	TR125	n.s.s.	n.s.s.	0/50	2.40mg	0/50	4.80mg	0/50	liv:hpa,hpc,nnd.
DIPENTAMETHYLENETHIURAM HEXASULFIDE (sulfads) 971-15-3									
2431	1221	49.2mg	n.s.s.	1/17	41.4mg	1/18			Innes;ntis,1968/1969
a	1221	82.0mg	n.s.s.	0/17	41.4mg	0/18			
b	1221	23.9mg	n.s.s.	2/17	41.4mg	4/18			
2432	1221	47.4mg	n.s.s.	2/18	38.5mg	1/17			
a	1221	72.1mg	n.s.s.	1/18	38.5mg	0/17			
b	1221	50.7mg	n.s.s.	3/18	38.5mg	1/17			
2433	1221	25.1mg	n.s.s.	0/16	41.4mg	3/18			
a	1221	82.0mg	n.s.s.	0/16	41.4mg	0/18			
b	1221	25.1mg	n.s.s.	0/16	41.4mg	3/18			
2434	1221	27.6mg	n.s.s.	0/16	38.5mg	2/17			
a	1221	27.6mg	n.s.s.	0/16	38.5mg	2/17			
b	1221	18.1mg	n.s.s.	0/16	38.5mg	4/17			
DIPENTYLNITROSAMINE 13256-06-9									
2435	1824	4.75mg	12.7mg	0/144	2.50mg	3/24	7.50mg	8/24	22.5mg 24/24
2436	1824	1.74mg	4.46mg	1/144	2.00mg	7/24	6.00mg	22/24	18.0mg 23/24
DIPHENHYDRAMINE.HCl (benadryl) 147-24-0									
2437	TR355	33.1mg	n.s.s.	37/50	20.1mg	39/50	40.3mg	32/50	
a	TR355	80.6mg	n.s.s.	5/50	20.1mg	5/50	40.3mg	7/50	liv:hpa,hpc,nnd.
b	TR355	98.7mg	n.s.s.	3/50	20.1mg	2/50	40.3mg	6/50	lun:a/a,a/c.
2438	TR355	16.0mg	n.s.s.	4/50	18.5mg	14/50	(37.2mg 5/50)		S
a	TR355	31.3mg	n.s.s.	30/50	18.5mg	32/50	37.2mg	22/50	
b	TR355	34.1mg	n.s.s.	12/50	18.5mg	18/50	37.2mg	12/50	liv:hpa,hpc,nnd.
c	TR355	31.8mg	n.s.s.	6/50	18.5mg	7/50	(37.2mg 0/50)		lun:a/a,a/c.
2439	TR355	8.55mg	n.s.s.	23/50	7.62mg	26/50	15.4mg	35/50	
a	TR355	8.16mg	n.s.s.	47/50	7.62mg	46/50	15.4mg	46/50	
b	TR355	n.s.s.	n.s.s.	0/50	7.62mg	0/50	15.4mg	0/50	liv:hpa,hpc,nnd.
2440	1654	277.mg	n.s.s.	4/24	82.5mg	3/24			Lijinsky;fctx,22,715-720;1984
2441	TR355	29.3mg	1.71gm	0/50	12.3mg	5/50	24.6mg	3/50	S
a	TR355	46.0mg	6.01gm	0/50	12.3mg	0/50	24.6mg	4/50	S
b	TR355	25.0mg	n.s.s.	1/50	12.3mg	6/50	24.6mg	5/50	lun:a/a,a/c.
c	TR355	45.5mg	n.s.s.	1/50	12.3mg	0/50	24.6mg	5/50	bra:ast,gln.
d	TR355	7.16mg	n.s.s.	47/50	12.3mg	49/50	24.6mg	47/50	
e	TR355	59.7mg	n.s.s.	0/50	12.3mg	1/50	24.6mg	1/50	liv:hpa,hpc,nnd.
2442	1654	193.mg	n.s.s.	5/24	66.0mg	4/24			Lijinsky;fctx,22,715-720;1984
DIPHENYL-p-PHENYLENEDIAMINE (agerite DPPD) 74-31-7									
2443	1158	454.mg	n.s.s.	0/18	462.mg	1/17			Innes;ntis,1968/1969
a	1158	864.mg	n.s.s.	0/18	462.mg	0/17			
b	1158	454.mg	n.s.s.	0/18	462.mg	1/17			
2444	1158	328.mg	n.s.s.	0/18	430.mg	2/18			
a	1158	851.mg	n.s.s.	1/18	430.mg	0/18			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	1158	401.mg	n.s.s.	2/18	430.mg	2/18				
2445	1158	915.mg	n.s.s.	0/18	462.mg	0/18				
a	1158	915.mg	n.s.s.	1/18	462.mg	0/18				
b	1158	915.mg	n.s.s.	2/18	462.mg	0/18				
2446	1158	306.mg	n.s.s.	3/14	430.mg	3/16				
a	1158	756.mg	n.s.s.	0/14	430.mg	0/16				
b	1158	213.mg	n.s.s.	4/14	430.mg	5/16				
2447	1943	7.30gm	n.s.s.	0/47	232.mg	0/49	929.mg	1/49	Hasegawa;txcy,54,69-78;1989	
2448	1943	4.40gm	n.s.s.	0/50	186.mg	1/49	743.mg	1/49		
DIPHENYLACETONITRILE 86-29-3										
2449	1311	93.2mg	n.s.s.	1/17	78.4mg	1/18			Innes;ntis,1968/1969	
a	1311	155.mg	n.s.s.	0/17	78.4mg	0/18				
b	1311	74.0mg	n.s.s.	2/17	78.4mg	2/18				
2450	1311	63.5mg	n.s.s.	2/18	73.0mg	2/17				
a	1311	137.mg	n.s.s.	1/18	73.0mg	0/17				
b	1311	70.3mg	n.s.s.	3/18	73.0mg	2/17				
2451	1311	56.3mg	n.s.s.	0/16	78.4mg	2/17				
a	1311	147.mg	n.s.s.	0/16	78.4mg	0/17				
b	1311	44.6mg	n.s.s.	0/16	78.4mg	3/17				
2452	1311	38.8mg	n.s.s.	0/16	73.0mg	3/16				
a	1311	49.1mg	n.s.s.	0/16	73.0mg	2/16				
b	1311	19.7mg	170.mg	0/16	73.0mg	7/16				
DIPHENYLCARBONATE 102-09-0										
2453	1313	28.7mg	n.s.s.	1/17	36.4mg	2/17			Innes;ntis,1968/1969	
a	1313	68.1mg	n.s.s.	0/17	36.4mg	0/17				
b	1313	32.0mg	n.s.s.	2/17	36.4mg	2/17				
2454	1313	38.9mg	n.s.s.	2/18	33.9mg	1/16				
a	1313	59.7mg	n.s.s.	1/18	33.9mg	0/16				
b	1313	41.6mg	n.s.s.	3/18	33.9mg	1/16				
2455	1313	37.9mg	n.s.s.	0/16	36.4mg	1/18				
a	1313	37.9mg	n.s.s.	0/16	36.4mg	1/18				
b	1313	22.0mg	n.s.s.	0/16	36.4mg	3/18				
2456	1313	20.5mg	n.s.s.	0/16	33.9mg	3/18				
a	1313	35.3mg	n.s.s.	0/16	33.9mg	1/18				
b	1313	10.7mg	103.mg	0/16	33.9mg	7/18				
5,5-DIPHENYLHYDANTOIN (phenytoin) 57-41-0										
2457	TR404	34.8mg	151.mg	5/50	26.0mg	14/50	78.0mg	30/50	liv:hpa,hpb,hpc.	
a	TR404	48.2mg	496.mg	5/50	26.0mg	13/50	78.0mg	22/50		
b	TR404	76.5mg	354.mg	0/50	26.0mg	1/50	78.0mg	12/50	liv:hpb,hpc.	
c	TR404	83.1mg	418.mg	0/50	26.0mg	1/50	78.0mg	11/50		
d	TR404	52.8mg	n.s.s.	40/50	26.0mg	36/50	78.0mg	42/50		
e	TR404	34.8mg	151.mg	5/50	26.0mg	14/50	78.0mg	30/50	liv:hpa,hpb,hpc.	
f	TR404	385.mg	n.s.s.	5/50	26.0mg	3/50	78.0mg	2/50	lun:a/a,a/c.	
2458	1887	45.8mg	n.s.s.	0/49	7.07mg	2/49	14.1mg	1/45	Maeda;jtxe,24,111-119;1988	
a	1887	56.3mg	n.s.s.	0/49	7.07mg	2/49	14.1mg	0/45		
b	1887	74.5mg	n.s.s.	0/49	7.07mg	0/49	14.1mg	1/45		
c	1887	55.4mg	n.s.s.	1/49	7.07mg	2/49	14.1mg	1/45		
d	1887	97.3mg	n.s.s.	1/49	7.07mg	1/49	14.1mg	0/45		
2459	TR404	26.7mg	n.s.s.	43/50	12.0mg	39/50	36.0mg	36/50	liv:hpa,hpb,hpc.	
a	TR404	33.2mg	n.s.s.	29/50	12.0mg	29/50	36.0mg	26/50	lun:a/a,a/c.	
b	TR404	91.7mg	n.s.s.	10/50	12.0mg	11/50	36.0mg	6/50		
2460	1887	41.0mg	n.s.s.	3/47	6.53mg	0/44	13.1mg	4/43	Maeda;jtxe,24,111-119;1988	
a	1887	22.3mg	n.s.s.	26/47	6.53mg	20/44	13.1mg	16/43		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	1887	28.9mg	n.s.s.	19/47	6.53mg	12/44	13.1mg	11/43		
c	1887	28.7mg	n.s.s.	7/47	6.53mg	8/44	13.1mg	5/43		
d	1887	58.2mg	n.s.s.	6/47	6.53mg	3/44	13.1mg	2/43		
2461	2121	28.5mg	n.s.s.	0/15	30.0mg	1/15	60.0mg	1/15	Diwan;carc,14,2227-2231;1993	
a	2121	28.5mg	n.s.s.	0/15	30.0mg	1/15	60.0mg	1/15		
2462	TR404	37.9mg	n.s.s.	45/50	40.0mg	38/50	(120.mg	39/50)		
a	TR404	512.mg	n.s.s.	0/50	40.0mg	1/50	120.mg	1/50	liv:hpa,hpb,hpc.	
2463	TR404	142.mg	n.s.s.	0/50	32.0mg	2/50	96.0mg	4/50	liv:hpa,hpc.	
a	TR404	162.mg	n.s.s.	0/50	32.0mg	1/50	96.0mg	4/50		
b	TR404	58.9mg	n.s.s.	49/50	32.0mg	46/50	96.0mg	42/50		
c	TR404	142.mg	n.s.s.	0/50	32.0mg	2/50	96.0mg	4/50	liv:hpa,hpb,hpc.	
2464	2657	26.7mg	n.s.s.	0/18	20.0mg	0/18	60.0mg	0/18	Diwan;ijtx,20,81-87;2001	
2465	1855	241.mg	n.s.s.	1/50	11.6mg	0/47	23.2mg	1/48	Jang;fctx,25,697-702;1987	
a	1855	87.5mg	n.s.s.	0/50	11.6mg	0/47	23.2mg	0/48		
b	1855	37.0mg	n.s.s.	13/50	11.6mg	11/50	23.2mg	19/48		
2466	1855	177.mg	n.s.s.	0/50	9.29mg	0/48	18.6mg	1/50		
a	1855	133.mg	n.s.s.	1/50	9.29mg	2/48	18.6mg	1/50		
b	1855	22.8mg	n.s.s.	22/50	9.29mg	22/48	18.6mg	26/50		
2467	1063	68.7mg	n.s.s.	0/16	100.mg	1/19			Morris;canr,29,2145-2156;1969	
a	1063	130.mg	n.s.s.	0/16	100.mg	0/19				
b	1063	93.9mg	n.s.s.	3/16	100.mg	1/19				
N,N-DIPROPYL-4-(4'-[PYRIDYL-1'-OXIDE]AZO)ANILINE ---										
2468	1176	6.18mg	n.s.s.	0/10	12.0mg	0/10			Brown;jnci,37,365-367;1966	
DIPROPYLENE GLYCOL 25265-71-8										
2469	TR511	1.61gm	n.s.s.	50/50	575.mg	35/50	1.04gm	41/50	1.95gm	38/50
a	TR511	3.40gm	n.s.s.	17/50	575.mg	15/50	1.04gm	14/50	1.95gm	13/50
b	TR511	5.31gm	n.s.s.	3/50	575.mg	2/50	1.04gm	6/50	1.95gm	3/50
2470	TR511	1.43gm	n.s.s.	43/50	735.mg	50/50	1.22gm	50/50	2.39gm	39/50
a	TR511	3.35gm	n.s.s.	29/50	735.mg	25/50	1.22gm	28/50	2.39gm	21/50
b	TR511	3.23gm	n.s.s.	6/50	735.mg	14/50	1.22gm	13/50	2.39gm	8/50
2471	TR511	1.59gm	n.s.s.	50/50	143.mg	50/50	571.mg	46/50	2.29gm	47/50
a	TR511	n.s.s.	n.s.s.	0/50	143.mg	0/50	571.mg	0/50	2.29gm	0/50
2472	TR511	158.mg	629.mg	45/50	125.mg	47/50	500.mg	49/50	1.90gm	35/50
a	TR511	11.1gm	n.s.s.	0/50	125.mg	0/50	500.mg	0/50	1.90gm	1/50
DIPYRONE (sulpyrin) 68-89-3										
2473	1545	484.mg	1.22gm	3/51	448.mg	3/47	1.71gm	36/44		Kumagai;jnci,71,1295-1297;1983
a	1545	2.77gm	n.s.s.	1/51	448.mg	1/47	1.71gm	6/44		
2474	1545	300.mg	1.79gm	8/44	189.mg	16/46	746.mg	27/48		
2475	2029	130.mg	n.s.s.	1/23	173.mg	5/24			Izumi;carc,12,1221-1225;1991	
a	2029	547.mg	n.s.s.	0/23	173.mg	0/24				
b	2029	547.mg	n.s.s.	0/23	173.mg	0/24				
2476	1673	134.mg	2.04gm	0/49	40.0mg	6/49	(120.mg	2/49)	Donaubauer;txap,81,443-451;1985	
a	1673	1.36gm	n.s.s.	0/49	40.0mg	0/49	120.mg	1/49		
b	1673	1.07gm	n.s.s.	2/49	40.0mg	1/49	120.mg	2/49		
c	1673	1.51gm	n.s.s.	1/49	40.0mg	0/49	120.mg	1/49		
2477	1673	822.mg	n.s.s.	0/47	32.0mg	1/50	96.0mg	1/49		
a	1673	384.mg	n.s.s.	1/47	32.0mg	0/50	96.0mg	0/49		
DISODIUM 5'-RIBONUCLEOTIDE (ribotide) 80702-47-2										
2478	2321	700.mg	n.s.s.	0/10	500.mg	0/10	1.00gm	0/10		Usui;jtr1,30,614-635;1971
a	2321	875.mg	n.s.s.	6/10	500.mg	4/10	1.00gm	4/10		
2479	2321	504.mg	n.s.s.	0/9	400.mg	0/9	800.mg	0/9		
a	2321	666.mg	n.s.s.	6/9	400.mg	3/9	800.mg	4/9		

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
2,5-DITHIOBIUREA 142-46-1									
2480	TR132	2.60gm	n.s.s.	2/50	1.08gm	8/50	2.16gm	9/50	
a	TR132	1.58gm	n.s.s.	12/50	1.08gm	24/50	2.16gm	20/50	
b	TR132	2.60gm	n.s.s.	2/50	1.08gm	8/50	2.16gm	9/50	liv:hpa,hpc,nnd.
c	TR132	4.47gm	n.s.s.	4/50	1.08gm	5/50	2.16gm	6/50	lun:a/a,a/c.
2481	TR132	1.94gm	n.s.s.	20/50	996.mg	23/50	1.99gm	18/50	
a	TR132	5.70gm	n.s.s.	15/50	996.mg	9/50	1.99gm	7/50	liv:hpa,hpc,nnd.
b	TR132	3.98gm	n.s.s.	7/50	996.mg	13/50	1.99gm	4/50	lun:a/a,a/c.
2482	TR132	262.mg	n.s.s.	31/50	215.mg	36/50	429.mg	32/50	
a	TR132	3.07gm	n.s.s.	1/50	215.mg	0/50	429.mg	1/50	liv:hpa,hpc,nnd.
2483	TR132	905.mg	n.s.s.	0/50	172.mg	0/50	343.mg	4/50	S
a	TR132	251.mg	n.s.s.	31/50	172.mg	28/50	343.mg	30/50	
b	TR132	1.46gm	n.s.s.	0/50	172.mg	1/50	343.mg	2/50	liv:hpa,hpc,nnd.
DITHIOOXAMIDE 79-40-3									
2484	1112	5.72mg	n.s.s.	3/16	12.0mg	15/26	(24.0mg	9/27)	Weisburger;jnci,67,75-88;1981
3-O-DODECYLCARBOMETHYLASCORBIC ACID ---									
2485	2249	258.mg	n.s.s.	0/10	500.mg	0/10			Hirose;carc,16,217-221;1995/pers.comm.
n-DODECYLGUANIDINE ACETATE 2439-10-3									
2486	1293	22.0mg	n.s.s.	0/17	11.1mg	0/18			Innes;ntis,1968/1969
a	1293	22.0mg	n.s.s.	1/17	11.1mg	0/18			
b	1293	10.5mg	n.s.s.	2/17	11.1mg	2/18			
2487	1293	6.32mg	n.s.s.	2/18	10.3mg	3/16			
a	1293	18.1mg	n.s.s.	1/18	10.3mg	0/16			
b	1293	6.90mg	n.s.s.	3/18	10.3mg	3/16			
2488	1293	8.90mg	n.s.s.	0/16	11.1mg	1/14			
a	1293	17.1mg	n.s.s.	0/16	11.1mg	0/14			
b	1293	8.90mg	n.s.s.	0/16	11.1mg	1/14			
2489	1293	5.85mg	n.s.s.	0/16	10.3mg	3/17			
a	1293	7.39mg	n.s.s.	0/16	10.3mg	2/17			
b	1293	4.07mg	146.mg	0/16	10.3mg	5/17			
DL-DOPA (dl-3,4-dihydroxyphenylalanine) 63-84-3									
2490	2080	455.mg	n.s.s.	0/15	588.mg	0/15			Hirose;carc,13,1825-1828;1992/pers.comm.
a	2080	455.mg	n.s.s.	0/15	588.mg	0/15			
DOPAMINE.HCl 62-31-7									
2491	2080	455.mg	n.s.s.	0/15	588.mg	0/15			Hirose;carc,13,1825-1828;1992/pers.comm.
a	2080	455.mg	n.s.s.	0/15	588.mg	0/15			
DOXEFAZEPAM 40762-15-0									
2492	1983	88.5mg	1.38gm	1/49	3.00mg	0/50	10.0mg	0/49	30.0mg 7/50
a	1983	84.6mg	n.s.s.	1/49	3.00mg	0/50	10.0mg	3/49	30.0mg 5/50
b	1983	124.mg	n.s.s.	1/49	3.00mg	0/50	10.0mg	3/49	30.0mg 2/50
c	1983	158.mg	n.s.s.	0/49	3.00mg	1/50	10.0mg	1/49	30.0mg 1/50
d	1983	28.9mg	n.s.s.	32/49	3.00mg	41/50	10.0mg	33/49	30.0mg 35/50
e	1983	55.4mg	n.s.s.	19/49	3.00mg	21/50	10.0mg	18/49	30.0mg 19/50
2493	1983	4.30mg	41.2mg	1/48	3.00mg	11/50	(10.0mg	8/47	30.0mg 6/50)
a	1983	5.33mg	41.1mg	0/48	3.00mg	8/50	(10.0mg	5/47	30.0mg 4/50)
b	1983	122.mg	n.s.s.	0/48	3.00mg	0/50	10.0mg	1/47	30.0mg 3/50
c	1983	86.2mg	n.s.s.	1/48	3.00mg	3/50	10.0mg	4/47	30.0mg 4/50
d	1983	235.mg	n.s.s.	0/48	3.00mg	0/50	10.0mg	0/47	30.0mg 1/50
e	1983	133.mg	n.s.s.	1/48	3.00mg	3/50	10.0mg	3/47	30.0mg 2/50

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
f	1983	39.4mg	n.s.s.	17/48	3.00mg	15/50	10.0mg	18/47	30.0mg	20/50		
DOXYLAMINE SUCCINATE 562-10-7												
2494	2268m	27.1mg	n.s.s.	0/12	35.5mg	3/12	70.1mg	1/12	(140.mg	0/12)	Jackson;jact,12,311-321;1993/NCTR	1991
a	2268m	19.5mg	n.s.s.	1/12	35.5mg	0/12	70.1mg	0/12	140.mg	0/12		
b	2268m	19.5mg	n.s.s.	0/12	35.5mg	0/12	70.1mg	0/12	140.mg	0/12		
2495	2268n	326.mg	2.28gm	0/46	35.5mg	3/48	70.1mg	0/48	140.mg	9/48		
a	2268n	337.mg	2.05gm	0/44	35.5mg	1/48	70.1mg	2/45	140.mg	8/47		
b	2268n	361.mg	2.08gm	0/44	35.5mg	0/48	70.1mg	2/45	140.mg	8/47		
c	2268n	62.5mg	n.s.s.	3/48	35.5mg	9/48	(70.1mg	2/48	140.mg	0/48)		
d	2268n	199.mg	n.s.s.	0/46	35.5mg	0/48	70.1mg	0/48	140.mg	0/48		
e	2268n	281.mg	n.s.s.	3/48	35.5mg	7/48	70.1mg	2/48	(140.mg	0/48)		
f	2268n	1.22gm	n.s.s.	0/48	35.5mg	2/48	70.1mg	0/48	140.mg	0/48		
g	2268n	1.43gm	n.s.s.	0/44	35.5mg	1/48	70.1mg	0/45	140.mg	0/47		
2496	2268m	35.1mg	1.39gm	0/12	32.8mg	1/12	64.7mg	3/12	129.mg	4/12		
a	2268m	128.mg	n.s.s.	1/12	32.8mg	0/12	64.7mg	0/12	129.mg	1/12		
b	2268m	18.0mg	n.s.s.	0/12	32.8mg	0/12	64.7mg	0/12	129.mg	0/12		
2497	2268n	76.6mg	301.mg	9/48	32.8mg	14/48	64.7mg	20/47	129.mg	29/48		
a	2268n	89.8mg	320.mg	6/48	32.8mg	11/48	64.7mg	14/47	129.mg	27/48		
b	2268n	130.mg	1.21gm	1/46	32.8mg	0/45	64.7mg	11/45	(129.mg	5/46)		
c	2268n	532.mg	n.s.s.	4/48	32.8mg	4/48	64.7mg	6/47	129.mg	3/48		
d	2268n	456.mg	n.s.s.	9/48	32.8mg	4/48	64.7mg	7/48	129.mg	7/48		
e	2268n	1.12gm	n.s.s.	0/48	32.8mg	2/48	64.7mg	0/48	129.mg	0/48		
f	2268n	462.mg	n.s.s.	9/48	32.8mg	6/48	64.7mg	7/48	129.mg	7/48		
2498	2267m	14.9mg	n.s.s.	0/9	35.9mg	0/9	71.8mg	0/9	144.mg	0/9	Jackson;jact,12,1-11;1993/NCTR	1991
2499	2267n	203.mg	n.s.s.	0/48	35.9mg	0/48	71.8mg	0/48	144.mg	0/48		
2500	2267m	76.3mg	n.s.s.	0/9	28.7mg	0/9	57.5mg	0/9	115.mg	1/9		
a	2267m	11.9mg	n.s.s.	0/9	28.7mg	0/9	57.5mg	0/9	115.mg	0/9		
2501	2267n	558.mg	234.gm	0/48	28.7mg	0/48	57.5mg	0/48	115.mg	4/48		
a	2267n	804.mg	n.s.s.	0/48	28.7mg	0/48	57.5mg	0/48	115.mg	2/48		
b	2267n	804.mg	n.s.s.	0/48	28.7mg	0/48	57.5mg	0/48	115.mg	2/48		
c	2267n	95.2mg	n.s.s.	17/48	28.7mg	20/48	57.5mg	29/48	115.mg	23/48		
alpha-ECDYSONE 3604-87-3												
2502	2094	13.6ug	.117mg	0/25	10.3ug	12/60					E1-Mofty;oncr,1,435-438;1994/pers.comm.	
a	2094	.106mg	n.s.s.	0/25	10.3ug	0/60						
b	2094	13.6ug	.117mg	0/25	10.3ug	12/60						
2503	2094	19.3ug	n.s.s.	0/25	10.3ug	4/40						
a	2094	19.3ug	n.s.s.	0/25	10.3ug	4/40						
EDIFAS A (methyl ethyl cellulose) 9004-59-5												
2504	127a	5.78gm	n.s.s.	0/35	1.30gm	0/25	13.0gm	0/35			McElligott;fctx,6,449-460;1968	
a	127a	38.9gm	n.s.s.	1/35	1.30gm	3/25	13.0gm	2/35				
b	127a	12.6gm	n.s.s.	16/35	1.30gm	16/25	13.0gm	18/35				
2505	127a	14.8gm	n.s.s.	4/29	1.20gm	6/24	12.0gm	4/20				
a	127a	18.3gm	n.s.s.	8/29	1.20gm	2/24	12.0gm	4/20				
b	127a	4.17gm	n.s.s.	18/29	1.20gm	16/24	12.0gm	15/20				
2506	127a	26.2gm	n.s.s.	0/43	500.mg	0/44	5.00gm	1/43				
a	127a	28.3gm	n.s.s.	1/43	500.mg	0/44	5.00gm	1/43				
b	127a	5.18gm	n.s.s.	22/43	500.mg	26/44	5.00gm	24/43				
2507	127a	3.26gm	n.s.s.	0/46	400.mg	0/43	4.00gm	0/49				
a	127a	3.26gm	n.s.s.	1/46	400.mg	0/43	4.00gm	0/49				
b	127a	6.71gm	n.s.s.	6/46	400.mg	10/43	4.00gm	12/49				
EDIFAS B (cellulose carboxymethyl ether, sodium) 9004-32-4												
2508	127a	42.9gm	n.s.s.	0/23	1.30gm	1/32	13.0gm	1/35			McElligott;fctx,6,449-460;1968	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	127a	44.7gm	n.s.s.	1/23	1.30gm	5/32	13.0gm	2/35			
b	127a	17.3gm	n.s.s.	12/23	1.30gm	25/32	13.0gm	18/35			
2509	127a	18.9gm	n.s.s.	5/31	1.20gm	9/27	12.0gm	7/31			
a	127a	51.1gm	n.s.s.	3/31	1.20gm	1/27	12.0gm	1/31			
b	127a	9.17gm	n.s.s.	18/31	1.20gm	14/27	12.0gm	18/31			
2510	127a	4.46gm	n.s.s.	0/43	500.mg	0/48	5.00gm	0/44			
a	127a	2.57gm	n.s.s.	27/43	500.mg	29/48	5.00gm	33/44			
2511	127a	21.7gm	n.s.s.	0/49	400.mg	0/42	4.00gm	1/45			
a	127a	8.70gm	n.s.s.	21/49	400.mg	14/42	4.00gm	15/45			
EDTA, TRISODIUM SALT TRIHYDRATE (EDTA) 150-38-9											
2512	TR11	1.22gm	n.s.s.	12/20	483.mg	24/50	966.mg	23/50			
a	TR11	4.62gm	n.s.s.	0/20	483.mg	1/50	966.mg	1/50		liv:hpa,hpc,nnd.	
b	TR11	2.29gm	n.s.s.	0/20	483.mg	3/50	966.mg	4/50		lun:a/a,a/c.	
2513	TR11	739.mg	n.s.s.	9/20	446.mg	24/50	891.mg	27/50			
a	TR11	1.41gm	n.s.s.	3/20	446.mg	10/50	891.mg	10/50		liv:hpa,hpc,nnd.	
b	TR11	1.16gm	n.s.s.	2/20	446.mg	8/50	891.mg	12/50		lun:a/a,a/c.	
2514	TR11	563.mg	n.s.s.	14/20	186.mg	28/50	371.mg	27/50			
a	TR11	2.96gm	n.s.s.	0/20	186.mg	1/50	371.mg	0/50		liv:hpa,hpc,nnd.	
2515	TR11	263.mg	n.s.s.	9/20	149.mg	25/50	297.mg	30/50			
a	TR11	1.62gm	n.s.s.	0/20	149.mg	1/50	297.mg	1/50		liv:hpa,hpc,nnd.	
EFONIDIPINE.HCl ETHANOLATE (NZ-105 ETHANOLATE) 111011-76-8											
2516	2434	109.mg	n.s.s.	3/50	65.0mg	10/50	(208.mg	5/50	650.mg	2/50)	Inoue;jjpt,20,1747-1773;1992
a	2434	1.78gm	n.s.s.	3/50	65.0mg	4/50	208.mg	4/50	650.mg	6/50	
b	2434	1.60gm	n.s.s.	5/50	65.0mg	6/50	208.mg	9/50	650.mg	7/50	
c	2434	2.22gm	n.s.s.	2/50	65.0mg	3/50	208.mg	3/50	650.mg	4/50	
d	2434	3.46gm	n.s.s.	2/50	65.0mg	2/50	208.mg	2/50	650.mg	2/50	
e	2434	1.22gm	n.s.s.	34/50	65.0mg	36/50	208.mg	32/50	650.mg	28/50	
2517	2434	1.52gm	n.s.s.	23/50	60.0mg	22/50	192.mg	26/50	600.mg	17/50	
a	2434	1.71gm	n.s.s.	13/50	60.0mg	10/50	192.mg	14/50	600.mg	10/50	
b	2434	3.36gm	n.s.s.	5/50	60.0mg	6/50	192.mg	4/50	600.mg	3/50	
c	2434	3.66gm	n.s.s.	8/50	60.0mg	4/50	192.mg	5/50	600.mg	3/50	
d	2434	819.mg	n.s.s.	42/50	60.0mg	36/50	192.mg	42/50	600.mg	34/50	
2518	2435	1.90gm	n.s.s.	0/50	20.0mg	1/50	60.0mg	0/50	180.mg	0/50	Inoue;jjpt,20,1775-1803;1992
a	2435	78.7mg	n.s.s.	38/50	20.0mg	35/50	60.0mg	38/50	180.mg	42/50	
2519	2435	646.mg	n.s.s.	1/50	16.0mg	0/50	48.0mg	1/50	144.mg	3/50	
a	2435	20.0mg	n.s.s.	49/50	16.0mg	50/50	48.0mg	50/50	144.mg	49/50	
ELLAGIC ACID 476-66-4											
2520	2249	25.8mg	n.s.s.	0/10	50.0mg	0/10					Hirose;carc,16,217-221;1995/pers.comm.
ELMIRON 37319-17-8											
2521	TR512	303.mg	16.3gm	10/50	40.0mg	9/50	120.mg	10/50	360.mg	21/50	
a	TR512	358.mg	n.s.s.	10/50	40.0mg	8/50	120.mg	9/50	360.mg	18/50	liv:hes,hpa,hpc. P
b	TR512	384.mg	n.s.s.	7/50	40.0mg	8/50	120.mg	6/50	360.mg	16/50	liv:hpa,hpc.
c	TR512	424.mg	n.s.s.	7/50	40.0mg	5/50	120.mg	4/50	360.mg	15/50	S
d	TR512	695.mg	n.s.s.	1/50	40.0mg	1/50	120.mg	3/50	360.mg	6/50	---:hem,hes. S
e	TR512	982.mg	n.s.s.	1/50	40.0mg	1/50	120.mg	1/50	360.mg	4/50	
f	TR512	1.31gm	n.s.s.	0/50	40.0mg	0/50	120.mg	0/50	360.mg	3/50	S
g	TR512	191.mg	n.s.s.	40/50	40.0mg	34/50	120.mg	43/50	360.mg	44/50	
h	TR512	358.mg	n.s.s.	10/50	40.0mg	8/50	120.mg	9/50	360.mg	18/50	liv:hpa,hpb,hpc.
i	TR512	1.50gm	n.s.s.	3/50	40.0mg	4/50	120.mg	3/50	360.mg	2/50	lun:a/a,a/c.
2522	TR512	522.mg	5.09gm	2/50	40.0mg	0/50	120.mg	4/50	360.mg	9/50	
a	TR512	210.mg	n.s.s.	23/50	40.0mg	23/50	120.mg	26/50	360.mg	31/50	liv:hpa,hpc.
b	TR512	217.mg	n.s.s.	24/50	40.0mg	24/50	120.mg	26/50	360.mg	31/50	liv:hpa,hpb,hpc. S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
c	TR512	531.mg	n.s.s.	6/50	40.0mg	0/50	120.mg	7/50	360.mg	9/50	
d	TR512	125.mg	n.s.s.	50/50	40.0mg	32/50	120.mg	50/50	360.mg	50/50	
e	TR512	217.mg	n.s.s.	24/50	40.0mg	24/50	120.mg	26/50	360.mg	31/50	liv:hpa,hpb,hpc.
f	TR512	621.mg	n.s.s.	14/50	40.0mg	5/50	120.mg	13/50	360.mg	9/50	lun:a/a,a/c.
2523	TR512	93.8mg	n.s.s.	50/50	20.0mg	48/50	60.0mg	50/50	180.mg	46/50	
a	TR512	1.54gm	n.s.s.	1/50	20.0mg	0/50	60.0mg	0/50	180.mg	0/50	liv:hpa,hpb,hpc.
2524	TR512	93.3mg	n.s.s.	47/50	10.0mg	50/50	30.0mg	47/50	90.0mg	36/50	
a	TR512	n.s.s.	n.s.s.	0/50	10.0mg	0/50	30.0mg	0/50	90.0mg	0/50	liv:hpa,hpb,hpc.
EMETINE.2HC1 316-42-7											
2525	TR43	.298mg	n.s.s.	0/25	.460mg	2/35	1.40mg	0/35	2.70mg	1/35	
a	TR43	n.s.s.	n.s.s.	0/25	.460mg	0/35	1.40mg	0/35	2.70mg	0/35	liv:hpa,hpc,nnd.
b	TR43	8.05mg	n.s.s.	0/25	.460mg	0/35	1.40mg	0/35	2.70mg	1/35	lun:a/a,a/c.
2526	TR43	.175mg	n.s.s.	3/25	.460mg	7/35	1.00mg	0/35	2.70mg	0/35	
a	TR43	.293mg	n.s.s.	1/25	.460mg	3/35	1.00mg	0/35	2.70mg	0/35	liv:hpa,hpc,nnd.
b	TR43	.279mg	n.s.s.	1/25	.460mg	3/35	1.00mg	0/35	2.70mg	0/35	lun:a/a,a/c.
2527	TR43	71.5ug	n.s.s.	6/10	.130mg	26/35	.270mg	22/35			
a	TR43	n.s.s.	n.s.s.	0/10	.130mg	0/35	.270mg	0/35			liv:hpa,hpc,nnd.
2528	TR43	96.7ug	n.s.s.	3/10	.130mg	13/35	.270mg	5/35			
a	TR43	n.s.s.	n.s.s.	0/10	.130mg	2/35	.270mg	0/35			liv:hpa,hpc,nnd.
EMODIN 518-82-1											
2529	TR493	108.mg	n.s.s.	34/50	40.6mg	33/50	81.2mg	43/50	162.mg	37/50	
a	TR493	255.mg	n.s.s.	13/50	40.6mg	14/50	81.2mg	21/50	162.mg	11/50	liv:hpa,hpb,hpc.
b	TR493	624.mg	n.s.s.	6/50	40.6mg	2/50	81.2mg	3/50	162.mg	5/50	lun:a/a,a/c.
2530	TR493	325.mg	n.s.s.	0/50	19.2mg	1/50	37.4mg	2/50	75.0mg	1/50	kid:rua,ruc.
a	TR493	92.3mg	n.s.s.	43/50	19.2mg	46/50	37.4mg	43/50	75.0mg	37/50	
b	TR493	144.mg	n.s.s.	29/50	19.2mg	32/50	37.4mg	31/50	75.0mg	22/50	liv:hpa,hpb,hpc.
c	TR493	270.mg	n.s.s.	18/50	19.2mg	17/50	37.4mg	12/50	75.0mg	10/50	lun:a/a,a/c.
2531	TR493	336.mg	n.s.s.	0/50	19.2mg	1/50	37.4mg	2/50	75.0mg	2/50	kid:rua,ruc.
2532	TR493	596.mg	n.s.s.	0/50	14.0mg	0/50	41.5mg	0/50	125.mg	3/50	
a	TR493	71.4mg	n.s.s.	48/50	14.0mg	47/50	41.5mg	49/50	125.mg	47/50	
b	TR493	700.mg	n.s.s.	0/50	14.0mg	0/50	41.5mg	0/50	125.mg	1/50	liv:hpa,hpb,hpc.
2533	TR493	88.5mg	n.s.s.	47/50	11.2mg	46/50	33.2mg	47/50	100.mg	43/50	
a	TR493	268.mg	n.s.s.	1/50	11.2mg	4/50	33.2mg	4/50	100.mg	2/50	liv:hpa,hpb,hpc.
EMULSIFIER YN 55965-13-4											
2534	425	10.1gm	n.s.s.	0/41	2.60gm	0/41	7.80gm	0/47			Gaunt;fctx,15,1-5;1977
a	425	n.s.s.	n.s.s.	1/41	2.60gm	0/41	7.80gm	1/47			
2535	425	15.8gm	n.s.s.	2/25	2.40gm	4/34	7.20gm	2/37			
a	425	32.5gm	n.s.s.	1/25	2.40gm	1/34	7.20gm	0/37			
2536	1359	2.58gm	214.gm	13/47	1.00gm	9/45	3.00gm	23/44			Brantom;fctx,11,755-769;1973
a	1359	21.7gm	n.s.s.	1/47	1.00gm	0/45	3.00gm	1/44			
2537	1359	14.7gm	n.s.s.	0/41	800.mg	1/39	2.40gm	0/39			
ENDOSULFAN (thiodan) 115-29-7											
2538	TR62	.250mg	n.s.s.	7/20	.210mg	18/50	(.430mg	8/50)			
a	TR62	2.59mg	n.s.s.	0/20	.210mg	0/50	.430mg	1/50			liv:hpa,hpc,nnd.
b	TR62	.497mg	n.s.s.	2/20	.210mg	5/50	(.430mg	0/50)			lun:a/a,a/c.
2539	283	.353mg	n.s.s.	0/16	.414mg	0/10	.834mg	0/17			Innes;ntis,1968/1969
a	283	1.09mg	n.s.s.	0/16	.414mg	1/10	.834mg	0/17			
b	283	.127mg	n.s.s.	0/16	.414mg	3/10	(.834mg	0/17)			
2540	TR62	.364mg	n.s.s.	4/20	.350mg	8/50	.700mg	7/50			
a	TR62	.408mg	n.s.s.	1/20	.350mg	6/50	.700mg	2/50			liv:hpa,hpc,nnd.
b	TR62	.576mg	n.s.s.	0/20	.350mg	2/50	.700mg	2/50			lun:a/a,a/c.
2541	283	.176mg	n.s.s.	0/16	.385mg	3/14	(.776mg	0/16)			Innes;ntis,1968/1969

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	283	.224mg	n.s.s.	0/16	.385mg	2/14	(.776mg	0/16)				
b	283	.120mg	2.11mg	0/16	.385mg	5/14	(.776mg	0/16)				
2542	283	.506mg	n.s.s.	0/17	.414mg	0/16	.834mg	0/18				
a	283	1.68mg	n.s.s.	1/17	.414mg	1/16	.834mg	0/18				
b	283	1.29mg	n.s.s.	2/17	.414mg	3/16	.834mg	0/18				
2543	283	.433mg	n.s.s.	1/18	.385mg	0/16	.776mg	0/14				
a	283	.620mg	n.s.s.	2/18	.385mg	4/16	.776mg	1/14				
b	283	.637mg	n.s.s.	3/18	.385mg	5/16	.776mg	1/14				
2544	2230	2.23mg	n.s.s.	0/60	.260mg	0/60	.780mg	0/60	2.34mg	0/60	Hack;fctx,33,941-950;1995	
a	2230	16.0mg	n.s.s.	2/60	.260mg	4/60	.780mg	2/60	2.34mg	2/60		
b	2230	25.0mg	n.s.s.	1/60	.260mg	4/60	.780mg	2/60	2.34mg	0/60		
2545	2230	15.7mg	n.s.s.	0/60	.240mg	0/60	.720mg	1/60	2.16mg	1/60		
a	2230	11.2mg	n.s.s.	2/60	.240mg	2/60	.720mg	2/60	2.16mg	3/60		
b	2230	13.9mg	n.s.s.	11/60	.240mg	5/60	.720mg	5/60	2.16mg	5/60		
2546	TR62	10.5mg	n.s.s.	15/20	6.60mg	30/50	15.6mg	24/50				
a	TR62	55.0mg	n.s.s.	0/20	6.60mg	1/50	15.6mg	1/50			liv:hpa,hpc,nnd.	
2547	TR62	15.3mg	n.s.s.	12/20	15.7mg	8/50	(32.9mg	3/50)				
a	TR62	n.s.s.	n.s.s.	0/20	15.7mg	0/50	32.9mg	0/50			liv:hpa,hpc,nnd.	
2548	2230	2.16mg	n.s.s.	0/50	.150mg	5/50	.375mg	0/50	.750mg	5/50	(3.75mg	5/50)
a	2230	.942mg	n.s.s.	0/50	.150mg	0/50	.375mg	0/50	.750mg	0/50	3.75mg	0/50
2549	2230	8.45mg	n.s.s.	0/50	.120mg	3/50	.300mg	4/50	.600mg	0/50	3.00mg	5/50
a	2230	14.4mg	n.s.s.	1/50	.120mg	1/50	.300mg	1/50	.600mg	1/50	3.00mg	2/50
ENDRIN 72-20-8												
2550	TR12	.956mg	n.s.s.	2/10	.290mg	5/50	.570mg	8/50				
a	TR12	.973mg	n.s.s.	2/10	.290mg	3/50	(.570mg	1/50)			liv:hpa,hpc,nnd.	
b	TR12	1.83mg	n.s.s.	0/10	.290mg	2/50	.570mg	1/50			lun:a/a,a/c.	
2551	TR12	.261mg	n.s.s.	1/10	.170mg	3/50	.340mg	14/50				
a	TR12	.335mg	n.s.s.	1/10	.170mg	3/50	.340mg	10/50			liv:hpa,hpc,nnd.	
b	TR12	.520mg	n.s.s.	0/10	.170mg	1/50	.340mg	5/50			lun:a/a,a/c.	
2552	TR12	.214mg	n.s.s.	8/10	.110mg	37/50	.210mg	33/50				
a	TR12	1.21mg	n.s.s.	0/10	.110mg	1/50	.210mg	1/50			liv:hpa,hpc,nnd.	
2553	TR12	.110mg	1.27mg	4/60p	.110mg	16/50	(.210mg	6/50)			adr:adn,can.	S
a	TR12	.277mg	n.s.s.	4/60p	.110mg	11/50	.210mg	13/50				S
2554	1004	6.88mg	n.s.s.	0/88	95.6ug	0/48	.287mg	1/45	.575mg	0/49	Deichmann;imed,39,426-434;1970	
a	1004	1.77mg	n.s.s.	60/88	95.6ug	37/48	.287mg	26/45	.575mg	27/49		
2555	TR12	.101mg	n.s.s.	5/10	70.0ug	25/50	.140mg	27/50				
a	TR12	n.s.s.	n.s.s.	0/10	70.0ug	0/50	.140mg	0/50			liv:hpa,hpc,nnd.	
2556	TR12	.233mg	n.s.s.	2/60p	70.0ug	4/50	.140mg	8/50			adr:adn,can.	S
a	TR12	.265mg	n.s.s.	2/60p	70.0ug	2/50	.140mg	8/50				S
b	TR12	.298mg	n.s.s.	0/60p	70.0ug	5/50	.140mg	3/50				S
c	TR12	.529mg	n.s.s.	0/60p	70.0ug	0/50	.140mg	3/50				S
2557	1004	.706mg	n.s.s.	1/75	76.5ug	0/47	.230mg	0/44	.461mg	0/42	Deichmann;imed,39,426-434;1970	
a	1004	2.08mg	n.s.s.	19/75	76.5ug	11/47	.230mg	6/44	.461mg	10/42		
ENFLURANE 13838-16-9												
2558	1677m	1.84gm	n.s.s.	2/25	4.74gm	4/25					Baden;anes,56,9-13;1982	
a	1677m	6.11gm	n.s.s.	0/25	4.74gm	0/25						
2559	1677n	6.69gm	n.s.s.	13/98	4.51gm	21/97						
a	1677n	56.1gm	n.s.s.	2/98	4.51gm	0/97						
2560	1677m	2.00gm	n.s.s.	0/25	3.95gm	2/25						
a	1677m	3.10gm	n.s.s.	5/25	3.95gm	2/25						
2561	1677n	4.41gm	n.s.s.	18/96	3.76gm	28/96						
a	1677n	7.07gm	n.s.s.	19/96	3.76gm	21/96						

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc				Citation or Pathology	Brkly Code
ENOVID (norethynodrel/mestranol [66:1]) 8015-30-3												
2562	1367m	.763mg	n.s.s.	28/61	.650mg	29/57					Heston;jnci,51,209-224;1973	
a	1367m	4.10mg	n.s.s.	0/61	.650mg	1/57						
2563	1367n	1.42mg	n.s.s.	21/59	1.30mg	30/63						
a	1367n	16.9mg	n.s.s.	1/59	1.30mg	0/63						
2564	1367o	6.12mg	n.s.s.	17/49	2.60mg	16/54						
2565	1472	.492mg	n.s.s.	0/20	.450mg	2/20					Munoz;canr,38,1504-1508;1973/Dunn 1969	
2566	1367m	4.21mg	n.s.s.	18/52	.650mg	6/55					Heston;jnci,51,209-224;1973	
2567	1367n	3.77mg	n.s.s.	15/53	1.30mg	11/50						
2568	1367o	19.8mg	n.s.s.	12/55	2.60mg	3/55						
2569	230	52.7ug	.995mg	1/8	.200mg	6/11	2.00mg	7/7			Poel;scie,154,402-403;1966	
2570	1453	23.8mg	n.s.s.	0/39	.125mg	1/40	1.50mg	1/40	5.00mg	0/38	Barrows;jtxe,3,219-230;1977	
2571	1453	17.8mg	n.s.s.	6/39	.125mg	4/40	1.50mg	5/39	5.00mg	1/40		
2572	1367m	3.37mg	n.s.s.	0/50	.650mg	1/47					Heston;jnci,51,209-224;1973	
2573	1367n	.830mg	40.3mg	17/50	1.30mg	32/53						
2574	1367o	1.03mg	4.55mg	15/51	2.60mg	36/49						
a	1367o	26.3mg	n.s.s.	1/51	2.60mg	0/49						
2575	1367m	1.60mg	26.9mg	0/54	.650mg	6/56						
a	1367m	2.21mg	n.s.s.	5/54	.650mg	6/56						
b	1367m	4.36mg	n.s.s.	46/54	.650mg	13/56						
2576	1367n	10.2mg	n.s.s.	3/52	1.30mg	1/53						
a	1367n	11.4mg	n.s.s.	34/52	1.30mg	4/53						
2577	1367o	12.5mg	n.s.s.	6/50	2.60mg	4/52						
a	1367o	24.0mg	n.s.s.	37/50	2.60mg	3/52						
2578	1367o	28.4mg	n.s.s.	2/55	2.60mg	0/53						
2579	585m	.194mg	n.s.s.	0/15	.143mg	0/15					Poel;canr,28,845-859;1968	
a	585m	83.4ug	n.s.s.	4/15	.143mg	3/15						
2580	585n	36.7ug	n.s.s.	8/15	.120mg	9/15						
2581	1463	1.93mg	n.s.s.	50/73	1.95mg	12/21					Rudali;gmcr,17,243-252;1975	
ENOVID-E (norethynodrel/mestranol [25:1]) 8015-30-3												
2582	1453m	9.95mg	n.s.s.	0/39	.130mg	1/39	1.56mg	0/38	2.60mg	1/39	Barrows;jtxe,3,219-230;1977	
2583	1453m	8.87mg	n.s.s.	6/39	.130mg	8/40	1.56mg	7/40	2.60mg	1/39		
2584	1453n	2.84mg	n.s.s.	1/50	1.06mg	2/50						
EPHEDRINE SULPHATE 134-72-5												
2585	TR307	19.8mg	n.s.s.	43/50	16.1mg	45/50	32.2mg	41/50				
a	TR307	67.6mg	n.s.s.	9/50	16.1mg	3/50	(32.2mg	3/50)			liv:hpa,hpc,nnd.	
b	TR307	132.mg	n.s.s.	1/50	16.1mg	1/50	32.2mg	2/50			lun:a/a,a/c.	
2586	TR307	79.1mg	n.s.s.	0/50	14.9mg	2/50	29.7mg	4/50			mey:mlm; mul:mlm; spl:mlm. S	
a	TR307	27.8mg	n.s.s.	38/50	14.9mg	31/50	29.7mg	36/50				
b	TR307	37.9mg	n.s.s.	19/50	14.9mg	18/50	29.7mg	21/50			liv:hpa,hpc,nnd.	
c	TR307	98.7mg	n.s.s.	9/50	14.9mg	11/50	29.7mg	4/50			lun:a/a,a/c.	
2587	TR307	13.6mg	n.s.s.	45/50	6.19mg	43/50	12.4mg	45/50				
a	TR307	98.6mg	n.s.s.	2/50	6.19mg	2/50	12.4mg	0/50			liv:hpa,hpc,nnd.	
2588	TR307	8.33mg	n.s.s.	43/50	4.95mg	47/50	9.90mg	45/50				
a	TR307	21.5mg	n.s.s.	3/50	4.95mg	5/50	9.90mg	5/50			liv:hpa,hpc,nnd.	
EPICHLOROHYDRIN 106-89-8												
2589	1143	2.54mg	n.s.s.	10/30	5.71mg	11/30					Van Duuren;jnci,53,695-700;1974	
2590	1167m	68.5mg	n.s.s.	0/100	.729mg	0/100	2.88mg	1/100			Laskin;jnci,65,751-757;1980/Kuschner pers.comm.	
a	1167m	20.5mg	n.s.s.	0/100	.729mg	0/100	2.88mg	0/100				
2591	1727	1.46mg	4.71mg	0/38	1.43mg	2/27	7.14mg	24/24			Wester;txcy,36,325-339;1985	
a	1727	72.1mg	n.s.s.	1/50	7.14mg	0/49						
b	1727	10.3mg	n.s.s.	33/50	7.14mg	28/49						
2592	1727	2.34mg	5.56mg	0/49	1.43mg	6/43	7.14mg	35/43				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	1727	35.5mg	n.s.s.	0/49	7.14mg	1/45				
b	1727	66.2mg	n.s.s.	1/49	7.14mg	0/45				
c	1727	66.2mg	n.s.s.	1/49	7.14mg	0/45				
d	1727	.898mg	n.s.s.	46/49	7.14mg	44/45				
<p>(-)-EPIGALLOECATECHIN GALLATE (85% (-)-EPIGALLOECATECHIN GALLATE, 10% (-)-EPIGALLOECATECHIN, 5% (-)-EPICATECHIN GALLATE) 989-51-5</p>										
2593	2214	80.5mg	n.s.s.	15/20	83.3mg	14/26	167.5mg	12/26	Nishida;gann,85,221-225;1994	
<p>L-EPINEPHRINE.HCl 55-31-2</p>										
2594	TR380	2.61mg	n.s.s.	0/50	.458mg	1/50	.920mg	4/50		ute:esp,ess. S
a	TR380	2.94mg	n.s.s.	0/50	.458mg	1/50	.920mg	3/50		S
b	TR380	1.19mg	n.s.s.	36/50	.458mg	35/50	.920mg	30/50		
c	TR380	2.42mg	n.s.s.	3/50	.458mg	2/50	.920mg	6/50	liv:hpa,hpc,nnd.	
d	TR380	4.44mg	n.s.s.	5/50	.458mg	5/50	.920mg	2/50	lun:a/a,a/c.	
2595	TR380	.993mg	n.s.s.	38/50	.382mg	33/50	.774mg	33/50		
a	TR380	1.93mg	n.s.s.	20/50	.382mg	14/50	.774mg	15/50	liv:hpa,hpc,nnd.	
b	TR380	1.34mg	n.s.s.	15/50	.382mg	11/50	.774mg	16/50	lun:a/a,a/c.	
2596	TR380	.281mg	n.s.s.	49/50	.111mg	41/50	.368mg	43/50		
a	TR380	1.96mg	n.s.s.	2/50	.111mg	0/50	.368mg	1/50	liv:hpa,hpc,nnd.	
2597	TR380	.162mg	n.s.s.	48/50	77.1ug	40/50	.258mg	46/50		
a	TR380	1.82mg	n.s.s.	1/50	77.1ug	1/50	.258mg	0/50	liv:hpa,hpc,nnd.	
<p>1,2-EPOXYBUTANE 106-88-7</p>										
2598	TR329	35.3mg	n.s.s.	35/50	45.5mg	29/50	90.9mg	20/50		
a	TR329	118.mg	n.s.s.	4/50	45.5mg	3/50	90.9mg	5/50	liv:hpa,hpc,nnd.	
b	TR329	135.mg	n.s.s.	4/50	45.5mg	3/50	90.9mg	3/50	lun:a/a,a/c.	
2599	TR329	81.5mg	n.s.s.	28/50	37.9mg	26/50	75.8mg	24/50		
a	TR329	137.mg	n.s.s.	14/50	37.9mg	13/50	75.8mg	12/50	liv:hpa,hpc,nnd.	
b	TR329	228.mg	n.s.s.	11/50	37.9mg	9/50	75.8mg	6/50	lun:a/a,a/c.	
2600	TR329	35.2mg	n.s.s.	25/50	43.3mg	26/50	86.6mg	32/50		S
a	TR329	174.mg	n.s.s.	0/50	43.3mg	1/50	86.6mg	3/50	thy:fca,fcc.	S
b	TR329	181.mg	n.s.s.	0/50	43.3mg	1/50	86.6mg	3/50	ova:gcc,gct,tcm.	S
c	TR329	422.mg	n.s.s.	0/50	43.3mg	0/50	86.6mg	2/50		
d	TR329	27.9mg	n.s.s.	45/50	43.3mg	47/50	86.6mg	47/50		
e	TR329	601.mg	n.s.s.	1/50	43.3mg	0/50	86.6mg	0/50	liv:hpa,hpc,nnd.	
2601	TR329	56.3mg	241.mg	0/50	30.3mg	2/50	60.6mg	12/50	lun:a/a,a/c; nas:ppa.	C
a	TR329	93.7mg	872.mg	0/50	30.3mg	0/50	60.6mg	7/50		
b	TR329	92.8mg	684.mg	0/50	30.3mg	2/50	60.6mg	5/50	lun:a/a,a/c.	
c	TR329	12.5mg	n.s.s.	25/50	30.3mg	31/50	(60.6mg)	22/50)	mul:mnl; spl:mnl.	S
d	TR329	116.mg	n.s.s.	0/50	30.3mg	1/50	60.6mg	4/50		
e	TR329	22.4mg	n.s.s.	46/50	30.3mg	48/50	60.6mg	47/50		
f	TR329	120.mg	n.s.s.	2/50	30.3mg	2/50	60.6mg	3/50	liv:hpa,hpc,nnd.	
<p>ERYTHORBATE, SODIUM (isoascorbate) 6381-77-7</p>										
2602	1897	45.2gm	n.s.s.	0/45	4.36gm	2/44	8.73gm	1/46		Inai;hijm,38,135-139;1989
a	1897	55.3gm	n.s.s.	0/45	4.36gm	1/44	8.73gm	1/46		
b	1897	55.3gm	n.s.s.	0/45	4.36gm	1/44	8.73gm	1/46		
c	1897	60.7gm	n.s.s.	1/45	4.36gm	0/44	8.73gm	2/46		
d	1897	30.0gm	n.s.s.	5/45	4.36gm	7/44	8.73gm	5/46		
e	1897	29.9gm	n.s.s.	1/45	4.36gm	0/44	8.73gm	0/46		
f	1897	12.3gm	n.s.s.	10/45	4.36gm	16/44	8.73gm	15/46		
2603	1897	5.13gm	n.s.s.	0/38	1.82gm	3/38	(3.64gm)	0/43)		
a	1897	9.33gm	n.s.s.	1/38	1.82gm	4/38	3.64gm	5/43		
b	1897	11.6gm	n.s.s.	2/38	1.82gm	4/38	3.64gm	4/43		
c	1897	21.0gm	n.s.s.	0/38	1.82gm	1/38	3.64gm	1/43		
d	1897	20.2gm	n.s.s.	4/38	1.82gm	0/38	3.64gm	4/43		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
e	1897	3.68gm	n.s.s.	9/38	1.82gm	14/38	3.64gm	19/43			
2604	1736	15.5gm	n.s.s.	1/48	663.mg	1/49	1.33gm	0/45		Abe;eamp,41,35-43;1984	
a	1736	1.69gm	n.s.s.	45/48	663.mg	43/49	1.33gm	35/45			
2605	1736	12.5gm	n.s.s.	1/49	580.mg	0/48	1.16gm	1/50			
a	1736	n.s.s.	n.s.s.	49/49	580.mg	48/48	1.16gm	50/50			
ERYTHROMYCIN STEARATE 643-22-1											
2606	TR338	634.mg	n.s.s.	44/50	322.mg	41/50	644.mg	39/50			
a	TR338	2.62gm	n.s.s.	4/50	322.mg	6/50	644.mg	2/50		liv:hpa,hpc,nnd.	
b	TR338	3.34gm	n.s.s.	4/50	322.mg	3/50	644.mg	2/50		lun:a/a,a/c.	
2607	TR338	1.02gm	n.s.s.	37/50	297.mg	26/50	594.mg	29/50			
a	TR338	1.77gm	n.s.s.	15/50	297.mg	8/50	594.mg	11/50		liv:hpa,hpc,nnd.	
b	TR338	2.30gm	n.s.s.	6/50	297.mg	5/50	594.mg	4/50		lun:a/a,a/c.	
2608	TR338	153.mg	n.s.s.	49/50	248.mg	48/50	(495.mg)	42/50)			
a	TR338	1.77gm	n.s.s.	0/50	248.mg	1/50	495.mg	2/50		liv:hpa,hpc,nnd.	
2609	TR338	197.mg	n.s.s.	45/50	198.mg	46/50	396.mg	47/50			
a	TR338	957.mg	n.s.s.	1/50	198.mg	1/50	396.mg	3/50		liv:hpa,hpc,nnd.	
ESTAZOLAM 29975-16-4											
2610	1984	80.8mg	n.s.s.	1/100	.800mg	0/50	3.00mg	0/50	10.0mg	1/50	Kimura;faat,4,827-842;1984
a	1984	40.6mg	n.s.s.	2/100	.800mg	4/50	3.00mg	4/50	10.0mg	2/50	
b	1984	85.7mg	n.s.s.	2/100	.800mg	0/50	3.00mg	0/50	10.0mg	1/50	
c	1984	102.mg	n.s.s.	0/100	.800mg	1/50	3.00mg	0/50	10.0mg	0/50	
d	1984	64.4mg	n.s.s.	4/100	.800mg	0/50	3.00mg	3/50	10.0mg	1/50	
e	1984	18.1mg	n.s.s.	19/100	.800mg	6/50	3.00mg	13/50	10.0mg	12/50	
f	1984	21.0mg	n.s.s.	32/100	.800mg	21/50	3.00mg	20/50	10.0mg	16/50	
g	1984	15.1mg	n.s.s.	47/100	.800mg	24/50	3.00mg	28/50	10.0mg	23/50	
2611	1984	28.5mg	n.s.s.	7/100	.800mg	1/50	3.00mg	2/50	10.0mg	7/50	
a	1984	64.2mg	n.s.s.	1/100	.800mg	0/50	3.00mg	1/50	10.0mg	1/50	
b	1984	33.9mg	n.s.s.	23/100	.800mg	11/50	3.00mg	12/50	10.0mg	9/50	
c	1984	35.6mg	n.s.s.	13/100	.800mg	6/50	3.00mg	7/50	10.0mg	6/50	
d	1984	24.9mg	n.s.s.	21/100	.800mg	5/50	3.00mg	11/50	10.0mg	10/50	
e	1984	25.2mg	n.s.s.	42/100	.800mg	20/50	3.00mg	28/50	10.0mg	16/50	
f	1984	18.8mg	n.s.s.	57/100	.800mg	23/50	3.00mg	34/50	10.0mg	23/50	
2612	1984	73.8mg	n.s.s.	5/100	.500mg	0/50	2.00mg	2/50	10.0mg	1/50	
a	1984	77.5mg	n.s.s.	0/100	.500mg	1/50	2.00mg	1/50	10.0mg	0/50	
b	1984	1.21mg	n.s.s.	95/100	.500mg	46/50	2.00mg	49/50	10.0mg	49/50	
c	1984	4.35mg	n.s.s.	91/100	.500mg	43/50	2.00mg	47/50	10.0mg	45/50	
d	1984	27.3mg	n.s.s.	26/100	.500mg	16/50	2.00mg	17/50	10.0mg	12/50	
2613	1984	33.4mg	n.s.s.	3/99	.500mg	6/49	2.00mg	3/49	10.0mg	4/49	
a	1984	53.3mg	n.s.s.	3/100	.500mg	2/50	2.00mg	1/50	10.0mg	2/50	
b	1984	76.1mg	n.s.s.	4/100	.500mg	0/50	2.00mg	1/50	10.0mg	1/50	
c	1984	18.3mg	n.s.s.	18/100	.500mg	11/50	2.00mg	9/50	10.0mg	13/50	
d	1984	14.5mg	n.s.s.	64/100	.500mg	36/50	2.00mg	42/50	10.0mg	30/50	
e	1984	15.2mg	n.s.s.	76/100	.500mg	44/50	2.00mg	43/50	10.0mg	34/50	
ESTRADIOL (estradiol-17beta) 50-28-2											
2614	1131	38.1ug	n.s.s.	11/23	56.8ug	12/22					Gass;ircs,5,477;1977
2615	1468	.338mg	n.s.s.	2/43	13.0ug	1/34	.130mg	1/34	.650mg	7/45	Highman;jept,4,81-95;1980/pers.comm.
2616	1468m	.525mg	n.s.s.	2/14	13.0ug	0/5	.130mg	2/16	.650mg	0/7	
2617	1468n	.368mg	n.s.s.	4/24	13.0ug	5/23	.130mg	5/18	.650mg	2/7	
ESTRADIOL MUSTARD 22966-79-6											
2618	TR59	.330mg	1.38mg	0/16	3.98mg	21/36	8.80mg	14/35			---:lym; lun:a/a,a/c; myc:srn; sto:sgc. C
a	TR59	.409mg	5.29mg	0/16	3.98mg	7/36	8.80mg	1/35			lun:a/a,a/c.
b	TR59	.991mg	5.45mg	0/16	3.98mg	9/36	8.80mg	11/35			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
c	TR59	.925mg	35.0mg	0/16	3.98mg	8/36	8.80mg	1/35		
d	TR59	1.43mg	178.mg	0/16	3.98mg	2/36	8.80mg	2/35		
e	TR59	2.93mg	n.s.s.	0/16	3.98mg	0/36	8.80mg	3/35		
f	TR59	.298mg	.998mg	0/16	3.98mg	25/36	8.80mg	20/35	mgl:acn,can.	S
g	TR59	n.s.s.	n.s.s.	0/16	3.98mg	0/36	8.80mg	0/35	liv:hpa,hpc,nnd.	
h	TR59	.409mg	5.29mg	0/16	3.98mg	7/36	8.80mg	1/35	lun:a/a,a/c.	
2619	TR59	.442mg	6.82mg	1/31p	3.98mg	7/36	8.80mg	1/35	lun:a/a,a/c.	
a	TR59	.944mg	4.65mg	0/31p	3.98mg	9/36	8.80mg	11/35		
b	TR59	.807mg	22.7mg	0/31p	3.98mg	4/36	8.80mg	0/35		S
c	TR59	1.09mg	11.0mg	0/31p	3.98mg	8/36	8.80mg	1/35		
d	TR59	2.79mg	272.mg	0/31p	3.98mg	0/36	8.80mg	3/35	mgl:acn,can.	S
2620	TR59	2.41mg	8.00mg	0/14	3.98mg	6/34	8.20mg	18/35	---:leu,lym; sto:sqc.	C
a	TR59	2.56mg	8.90mg	0/14	3.98mg	6/34	8.20mg	17/35	---:leu,lym.	
b	TR59	7.13mg	n.s.s.	0/14	3.98mg	0/34	8.20mg	2/35		
c	TR59	1.12mg	6.77mg	4/14	3.98mg	24/34	8.20mg	23/35		
d	TR59	5.23mg	n.s.s.	2/14	3.98mg	5/34	8.20mg	1/35	liv:hpa,hpc,nnd.	
e	TR59	1.01mg	n.s.s.	2/14	3.98mg	12/34	(8.20mg	5/35)	lun:a/a,a/c.	
2621	TR59	.929mg	7.16mg	2/29p	3.98mg	12/34	(8.20mg	5/35)	lun:a/a,a/c.	
a	TR59	1.46mg	12.7mg	0/29p	3.98mg	6/34	(8.20mg	1/35)		
b	TR59	2.54mg	7.89mg	0/29p	3.98mg	6/34	8.20mg	17/35	---:leu,lym.	
c	TR59	2.18mg	27.4mg	0/29p	3.98mg	6/34	(8.20mg	2/35)		
2622	TR59	65.7ug	n.s.s.	5/10	.160mg	27/35	.330mg	26/35		
a	TR59	n.s.s.	n.s.s.	0/10	.160mg	0/35	.330mg	0/35	liv:hpa,hpc,nnd.	
2623	TR59	.234mg	n.s.s.	4/10	.160mg	10/35	.330mg	10/35		
a	TR59	n.s.s.	n.s.s.	0/10	.160mg	0/35	.330mg	0/35	liv:hpa,hpc,nnd.	
2624	TR59	.327mg	n.s.s.	0/20p	.160mg	2/35	.330mg	5/35		S
ESTRAGOLE 140-67-0										
2625	1582	37.3mg	74.3mg	0/50	74.2mg	27/50	148.mg	35/50	Miller;canr,43,1124-1134;1983	
a	1582	666.mg	n.s.s.	2/50	74.2mg	1/50	148.mg	2/50		
ETHINYL ESTRADIOL 57-63-6										
2626	2247	68.3ug	n.s.s.	0/8	.429mg	4/13			Machishi;carc,16,2965-2971;1995	
ETHIONAMIDE 536-33-4										
2627	TR46	113.mg	n.s.s.	4/15	70.2mg	7/35	139.mg	14/35		
a	TR46	n.s.s.	n.s.s.	0/15	70.2mg	0/35	139.mg	0/35	liv:hpa,hpc,nnd.	
b	TR46	650.mg	n.s.s.	1/15	70.2mg	0/35	139.mg	1/35	lun:a/a,a/c.	
2628	TR46	101.mg	n.s.s.	7/15	64.8mg	16/35	128.mg	10/34		
a	TR46	159.mg	n.s.s.	3/15	64.8mg	6/35	128.mg	4/34	liv:hpa,hpc,nnd.	
b	TR46	192.mg	n.s.s.	2/15	64.8mg	5/35	128.mg	2/34	lun:a/a,a/c.	
2629	1014	29.9mg	7.42gm	0/20	49.7mg	7/36			Biancifiori;lapp,24,145-165;1964	
a	1014	31.8mg	n.s.s.	2/18	49.7mg	7/33				
b	1014	58.9mg	n.s.s.	0/18	49.7mg	2/33				
2630	TR46	49.5mg	n.s.s.	12/15	40.0mg	26/35	81.0mg	25/35		
a	TR46	175.mg	n.s.s.	0/15	40.0mg	1/35	81.0mg	3/35	liv:hpa,hpc,nnd.	
2631	TR46	33.4mg	n.s.s.	10/15	32.0mg	16/35	(64.8mg	4/34)		
a	TR46	153.mg	n.s.s.	0/15	32.0mg	1/35	64.8mg	1/34	liv:hpa,hpc,nnd.	
ETHIONINE 13073-35-3										
2632	1373	n.s.s.	4.97mg	0/30	65.4mg	30/30			Argus;zkko,75,201-208;1971	
DL-ETHIONINE 67-21-0										
2633	1782n	36.2mg	106.mg	0/30	65.0mg	14/29	130.mg	12/14	Hoover;carc,7,1143-1148;1986	
a	1782n	62.6mg	227.mg	0/30	65.0mg	7/29	130.mg	10/14		
b	1782n	342.mg	n.s.s.	7/30	65.0mg	5/29	130.mg	1/14		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
c	1754j	199.mg	n.s.s.	90/125	64.4mg	38/66				
d	1754j	93.0mg	n.s.s.	109/125	64.4mg	53/66				
2656	1754k	405.mg	n.s.s.	6/125	32.2mg	7/78	96.5mg	8/76		
a	1754k	2.20gm	n.s.s.	4/125	32.2mg	1/78	96.5mg	0/76		
b	1754k	614.mg	n.s.s.	27/125	32.2mg	9/78	96.5mg	13/76		
c	1754k	89.5mg	n.s.s.	109/125	32.2mg	61/78	96.5mg	66/76		
d	1754k	182.mg	n.s.s.	90/125	32.2mg	43/78	96.5mg	52/76		
e	1754k	308.mg	n.s.s.	73/125	32.2mg	38/78	96.5mg	38/76		
2657	TR259	147.mg	523.mg	0/50	70.4mg	5/50	142.mg	12/50	for: sqc, sqp.	
a	TR259	178.mg	1.04gm	0/50	70.4mg	4/50	142.mg	9/50		
b	TR259	296.mg	48.3gm	0/50	70.4mg	2/50	142.mg	5/50		
c	TR259	134.mg	n.s.s.	30/50	70.4mg	32/50	142.mg	29/50		
d	TR259	189.mg	n.s.s.	17/50	70.4mg	12/50	(142.mg	6/50)	liv:hpa,hpc,nnd.	
e	TR259	428.mg	n.s.s.	8/50	70.4mg	6/50	142.mg	5/50	lun:a/a,a/c.	
2658	1754i	99.5mg	n.s.s.	0/80	5.36mg	0/90			Miller;dact,8,1-42;1985	
2659	1754j	199.mg	53.5gm	2/121	53.6mg	7/69				
a	1754j	302.mg	n.s.s.	28/121	53.6mg	12/69				
b	1754j	254.mg	n.s.s.	44/121	53.6mg	19/69				
c	1754j	208.mg	n.s.s.	60/121	53.6mg	27/69				
d	1754j	160.mg	n.s.s.	62/121	53.6mg	31/69				
e	1754j	132.mg	n.s.s.	90/121	53.6mg	44/69				
2660	1754k	215.mg	n.s.s.	28/121	26.8mg	10/75	(80.4mg	9/76)		
a	1754k	351.mg	n.s.s.	44/121	26.8mg	22/75	80.4mg	23/76		
b	1754k	1.17gm	n.s.s.	5/121	26.8mg	3/75	80.4mg	1/76		
c	1754k	100.mg	n.s.s.	90/121	26.8mg	53/75	80.4mg	57/76		
d	1754k	104.mg	n.s.s.	62/121	26.8mg	34/75	80.4mg	47/76		
e	1754k	466.mg	n.s.s.	60/121	26.8mg	30/75	80.4mg	25/76		
2661	TR259	188.mg	2.29gm	1/50	70.1mg	6/50	141.mg	11/50	for: sqc, sqp.	
a	TR259	205.mg	37.9gm	1/50	70.1mg	6/50	141.mg	9/50		
b	TR259	81.4mg	n.s.s.	38/50	70.1mg	44/50	141.mg	44/50		
c	TR259	760.mg	n.s.s.	0/50	70.1mg	0/50	141.mg	1/50		
2662	1754m	28.4mg	n.s.s.	0/80	1.53mg	0/90			liv:hpa,hpc,nnd.	
2663	1754n	199.mg	n.s.s.	4/121	15.3mg	1/70			Miller;dact,8,1-42;1985	
a	1754n	280.mg	n.s.s.	1/121	15.3mg	0/70				
b	1754n	280.mg	n.s.s.	0/121	15.3mg	0/70				
c	1754n	11.5mg	n.s.s.	114/121	15.3mg	64/70				
d	1754n	20.3mg	n.s.s.	97/121	15.3mg	54/70				
e	1754n	59.0mg	n.s.s.	72/121	15.3mg	32/70				
2664	1754o	253.mg	n.s.s.	0/121	7.66mg	1/77	23.0mg	1/78		
a	1754o	116.mg	n.s.s.	1/121	7.66mg	0/77	23.0mg	0/78		
b	1754o	299.mg	n.s.s.	4/121	7.66mg	1/77	23.0mg	2/78		
c	1754o	48.7mg	n.s.s.	97/121	7.66mg	51/77	23.0mg	56/78		
d	1754o	81.1mg	n.s.s.	72/121	7.66mg	41/77	23.0mg	38/78		
e	1754o	13.7mg	n.s.s.	114/121	7.66mg	71/77	23.0mg	73/78		
2665	TR259	50.0mg	111.mg	1/50	70.1mg	18/50	141.mg	36/50	for: sqc, sqp.	
a	TR259	62.2mg	152.mg	1/50	70.1mg	15/50	141.mg	29/50		
b	TR259	130.mg	488.mg	0/50	70.1mg	5/50	141.mg	12/50		
c	TR259	120.mg	n.s.s.	1/50	70.1mg	6/50	(141.mg	1/50)		S
d	TR259	138.mg	n.s.s.	0/50	70.1mg	4/50	(141.mg	0/50)	pan:acc,ana.	S
e	TR259	45.7mg	9.25gm	38/50	70.1mg	40/50	141.mg	45/50		
f	TR259	535.mg	n.s.s.	0/50	70.1mg	0/50	141.mg	1/50	liv:hpa,hpc,nnd.	
2666	1754m	19.9mg	n.s.s.	0/80	1.07mg	0/90			Miller;dact,8,1-42;1985	
2667	1754n	68.6mg	n.s.s.	1/120	10.7mg	3/71				
a	1754n	199.mg	n.s.s.	2/120	10.7mg	0/71				
b	1754n	199.mg	n.s.s.	7/120	10.7mg	0/71				
c	1754n	2.72mg	n.s.s.	113/120	10.7mg	69/71				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
d	1754n	28.0mg	n.s.s.	60/120	10.7mg	33/71				
e	1754n	n.s.s.	n.s.s.	116/120	10.7mg	71/71				
2668	1754o	27.0mg	n.s.s.	1/120	5.36mg	5/76	(16.1mg	2/75)		
a	1754o	94.8mg	n.s.s.	7/120	5.36mg	5/76	16.1mg	6/75		
b	1754o	194.mg	n.s.s.	2/120	5.36mg	0/76	16.1mg	2/75		
c	1754o	1.43mg	n.s.s.	116/120	5.36mg	74/76	16.1mg	75/75		
d	1754o	2.09mg	n.s.s.	113/120	5.36mg	72/76	16.1mg	75/75		
e	1754o	16.5mg	n.s.s.	60/120	5.36mg	40/76	16.1mg	49/75		
2669	2197m	116.mg	n.s.s.	0/16	40.8mg	0/18			Ghanayem;txpy,22,497-509;1994	
a	2197m	116.mg	n.s.s.	0/16	40.8mg	0/18				
2670	2197n	36.8mg	n.s.s.	0/5	143.mg	0/5				
a	2197n	36.8mg	n.s.s.	0/5	143.mg	0/5				
2671	2197o	13.0mg	n.s.s.	0/5	122.mg	2/5				
a	2197o	42.0mg	n.s.s.	0/5	122.mg	0/5				
b	2197o	42.0mg	n.s.s.	0/5	122.mg	0/5				
2672	2197r	39.8mg	2.40gm	0/16	81.6mg	4/13				
a	2197r	49.1mg	n.s.s.	0/16	81.6mg	3/13				
b	2197r	87.0mg	n.s.s.	0/16	81.6mg	1/13				
c	2197r	167.mg	n.s.s.	0/16	81.6mg	0/13				
ETHYL ALCOHOL (ethanol) 64-17-5										
2673	2345	7.36gm	n.s.s.	0/27	3.29gm	0/27	8.23gm	0/27	McCoy;clet,33,151-159;1986	
2674	2081	27.8gm	n.s.s.	1/47	16.7gm	3/48			Anderson;carc,13,2107-2111;1992	
a	2081	10.4gm	n.s.s.	39/47	16.7gm	33/48				
2675	2510n	5.64gm	n.s.s.	1/30	1.33gm	0/30			Zariwala;ijeb,29,738-743;1991	
2676	1632	15.3gm	n.s.s.	23/30	24.0gm	8/15			Schrauzer;j sac,40,240-246;1979	
2677	2510m	2.67gm	n.s.s.	0/30	1.60gm	2/30			Zariwala;ijeb,29,738-743;1991	
a	2510m	2.94gm	n.s.s.	1/30	1.60gm	2/30				
2678	2510m	3.40gm	n.s.s.	1/30	1.33gm	1/30				
2679	2076	1.50gm	n.s.s.	0/22	5.00gm	3/19			Watanabe;gann,83,588-593;1992/pers.comm.	
a	2076	4.89gm	n.s.s.	0/22	5.00gm	0/19				
2680	1962	28.9gm	n.s.s.	1/50	2.86gm	0/49			Cheever;faat,14,243-261;1990	
a	1962	2.70gm	n.s.s.	47/50	2.86gm	41/50				
2681	1962	13.8gm	n.s.s.	0/50	2.50gm	1/50				
a	1962	25.8gm	n.s.s.	1/50	2.50gm	0/50				
b	1962	1.38gm	n.s.s.	42/50	2.50gm	42/50				
2682	2074	3.86gm	n.s.s.	0/12	5.00gm	0/15			Watanabe;gann,83,1267-1272;1992/pers.comm.	
2683	2564	4.04gm	n.s.s.	0/15	4.90gm	0/16			Wada;clet,124,127-134;1998	
a	2564	4.04gm	n.s.s.	0/15	4.90gm	0/16				
2684	162a	8.92gm	n.s.s.	0/20	5.71gm	0/20			Yamamoto;ijcn,2,337-343;1967	
2685	162a	7.80gm	n.s.s.	0/20	5.00gm	0/20				
2686	1264	39.9gm	n.s.s.	4/48	9.45gm	4/48			Schmahl;clet,1,215-218;1976	
2687	2257m	6.63gm	n.s.s.	0/50	1.49gm	3/50			Holmberg;txcy,96,133-145;1995/1994	
a	2257m	981.mg	n.s.s.	38/50	1.49gm	41/50				
b	2257m	1.62gm	n.s.s.	25/50	1.49gm	30/50				
c	2257m	1.98gm	n.s.s.	22/50	1.49gm	26/50				
d	2257m	20.4gm	n.s.s.	1/50	1.49gm	0/50				
e	2257m	20.4gm	n.s.s.	2/50	1.49gm	0/50				
f	2257m	5.29gm	n.s.s.	13/50	1.49gm	11/50				
g	2257m	20.4gm	n.s.s.	1/50	1.49gm	0/50				
h	2257m	1.08gm	n.s.s.	30/50	1.49gm	37/50				
i	2257m	3.35gm	n.s.s.	23/50	1.49gm	21/50				
j	2257m	340.mg	n.s.s.	50/50	1.49gm	49/50				
2688	2257n	2.40gm	n.s.s.	29/50	4.46gm	40/50				
a	2257n	32.8gm	n.s.s.	0/50	4.46gm	1/50				
b	2257n	61.1gm	n.s.s.	0/50	4.46gm	0/50				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
c	2257n	30.0gm	n.s.s.	2/50	4.46gm	2/50				
d	2257n	782.mg	n.s.s.	48/50	4.46gm	49/50				
e	2257n	3.71gm	n.s.s.	29/50	4.46gm	35/50				
f	2257n	7.94gm	n.s.s.	19/50	4.46gm	21/50				
2689	1440	4.47gm	29.0gm	10/80	2.50gm	29/79			Radike;enhp,41,59-62;1981	
a	1440	4.89gm	32.1gm	8/80	2.50gm	26/79				
b	1440	7.38gm	29.9gm	0/80	2.50gm	14/79				
c	1440	7.38gm	29.9gm	0/80	2.50gm	14/79				
d	1440	11.9gm	n.s.s.	1/80	2.50gm	8/79				
e	1440	1.42gm	3.51gm	16/80	2.50gm	61/79				
2690	2257m	4.90gm	n.s.s.	1/50	1.21gm	4/50			Holmberg;txcy,96,133-145;1995/1994	
a	2257m	16.6gm	n.s.s.	2/50	1.21gm	0/50				
b	2257m	16.6gm	n.s.s.	0/50	1.21gm	0/50				
c	2257m	305.mg	n.s.s.	45/50	1.21gm	48/50				
d	2257m	1.95gm	n.s.s.	15/50	1.21gm	20/50				
e	2257m	1.36gm	n.s.s.	35/50	1.21gm	35/50				
2691	2257n	8.52gm	n.s.s.	8/50	3.64gm	12/50				
a	2257n	26.8gm	n.s.s.	0/50	3.64gm	1/50				
b	2257n	49.9gm	n.s.s.	0/50	3.64gm	0/50				
c	2257n	6.88gm	n.s.s.	30/50	3.64gm	27/50				
d	2257n	8.94gm	n.s.s.	16/50	3.64gm	16/50				
e	2257n	2.25gm	n.s.s.	44/50	3.64gm	44/50				
2692	2185	14.4gm	n.s.s.	3/44	2.50gm	10/41	10.0gm	12/43	Shibayama;extp,45,15-19;1993/pers.comm.	
a	2185	35.7gm	n.s.s.	0/44	2.50gm	2/41	10.0gm	3/43		
b	2185	19.2gm	n.s.s.	3/44	2.50gm	8/41	10.0gm	9/43		
2693	2028	2.10gm	n.s.s.	0/5	4.08gm	0/10			Yamagiwa;gann,82,771-778;1991	
2694	1800	3.94gm	n.s.s.	0/10	2.50gm	0/10			Salmon;carc,7,1447-1450;1986	
Z-ETHYL-O,N,N-AZOXYETHANE 16301-26-1										
2695	1723	n.s.s.	23.8ug	2/20	.218mg	20/20			Lijinsky;canr,45,76-79;1985	
a	1723	11.0ug	47.7ug	0/20	.218mg	17/20				
b	1723	15.4ug	66.5ug	0/20	.218mg	15/20				
c	1723	17.7ug	78.1ug	0/20	.218mg	14/20				
d	1723	17.7ug	78.1ug	0/20	.218mg	14/20				
e	1723	41.5ug	.368mg	0/20	.218mg	7/20				
f	1723	.252mg	n.s.s.	2/20	.218mg	0/20				
Z-ETHYL-O,N,N-AZOXYMETHANE 57497-29-7										
2696	1723	n.s.s.	20.4ug	2/20	.187mg	20/20			Lijinsky;canr,45,76-79;1985	
a	1723	9.44ug	40.9ug	0/20	.187mg	17/20				
b	1723	19.5ug	93.3ug	0/20	.187mg	12/20				
c	1723	35.6ug	.315mg	0/20	.187mg	7/20				
d	1723	47.0ug	1.44mg	0/20	.187mg	5/20				
e	1723	66.6ug	n.s.s.	0/20	.187mg	3/20				
f	1723	.216mg	n.s.s.	2/20	.187mg	0/20				
ETHYL BROMOACETATE 105-36-2										
2697	1143	.390mg	n.s.s.	12/30	.571mg	9/30			Van Duuren;jnci,53,695-700;1974	
S-ETHYL-L-CYSTEINE 2629-59-6										
2698	1373	592.mg	n.s.s.	0/30	116.mg	0/30	127.mg	1/30	Argus;zkko,75,201-208;1971	
a	1373	275.mg	n.s.s.	0/30	116.mg	0/30	127.mg	0/30		
b	1373	592.mg	n.s.s.	0/30	116.mg	0/30	127.mg	1/30		
p,p'-ETHYL-DDD (perthane) 72-56-0										
2699	TR156	1.23gm	n.s.s.	1/20	368.mg	3/50	806.mg	11/50	liv:hpa,hpc.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	TR156	1.39gm	n.s.s.	1/20	368.mg	2/50	806.mg	10/50		
b	TR156	617.mg	n.s.s.	7/20	368.mg	24/50	806.mg	26/50		
c	TR156	1.23gm	n.s.s.	1/20	368.mg	3/50	806.mg	11/50		
d	TR156	2.94gm	n.s.s.	0/20	368.mg	3/50	806.mg	1/50	liv:hpa,hpc,nnd. lun:a/a,a/c.	
2700	1098	108.mg	n.s.s.	0/16	110.mg	1/17			Innes;ntis,1968/1969	
a	1098	206.mg	n.s.s.	0/16	110.mg	0/17				
b	1098	79.1mg	n.s.s.	0/16	110.mg	2/17				
2701	TR156	866.mg	n.s.s.	0/20	300.mg	4/50	600.mg	9/50		S
a	TR156	430.mg	n.s.s.	11/20	300.mg	38/50	600.mg	33/50		
b	TR156	508.mg	n.s.s.	8/20	300.mg	27/50	600.mg	25/50	liv:hpa,hpc,nnd. lun:a/a,a/c.	
c	TR156	988.mg	n.s.s.	4/20	300.mg	5/50	600.mg	12/50	Innes;ntis,1968/1969	
2702	1098	27.6mg	238.mg	0/16	102.mg	7/16				
a	1098	94.5mg	n.s.s.	0/16	102.mg	1/16				
b	1098	23.9mg	167.mg	0/16	102.mg	8/16				
2703	1098	218.mg	n.s.s.	0/17	110.mg	0/18				
a	1098	218.mg	n.s.s.	1/17	110.mg	0/18				
b	1098	104.mg	n.s.s.	2/17	110.mg	2/18				
2704	1098	72.9mg	n.s.s.	2/18	102.mg	3/18				
a	1098	121.mg	n.s.s.	1/18	102.mg	1/18				
b	1098	63.6mg	n.s.s.	3/18	102.mg	4/18				
2705	TR156	166.mg	n.s.s.	15/20	175.mg	32/50	(350.mg	21/50)		
a	TR156	1.59gm	n.s.s.	0/20	175.mg	2/50	350.mg	1/50	liv:hpa,hpc,nnd.	
2706	TR156	286.mg	n.s.s.	13/20	140.mg	36/50	280.mg	30/50		
a	TR156	1.59gm	n.s.s.	0/20	140.mg	2/50	280.mg	0/50	liv:hpa,hpc,nnd.	
N-ETHYL-N-FORMYLHYDRAZINE 74920-78-8										
2707	1052	1.17mg	4.67mg	8/96	40.0mg	47/48				
a	1052	1.17mg	4.76mg	15/99	40.0mg	49/50				
b	1052	142.mg	n.s.s.	0/21	40.0mg	0/50				
2708	1052	1.76mg	6.03mg	22/98	33.3mg	39/42				
a	1052	2.04mg	6.45mg	5/88	33.3mg	32/36				
b	1052	9.07mg	45.6mg	1/52	33.3mg	13/36				
c	1052	16.4mg	452.mg	0/44	33.3mg	4/27				
d	1052	19.3mg	290.mg	0/52	33.3mg	5/36				
ETHYL METHYLPHENYLGLYCIDATE 77-83-8										
2709	1383	126.mg	n.s.s.	18/43	10.0mg	30/44	50.0mg	24/41	250.mg	31/43
a	1383	1.52mg	n.s.s.	0/44	10.0mg	0/44	50.0mg	0/42	250.mg	1/45
b	1383	92.7mg	n.s.s.	24/44	10.0mg	35/44	50.0mg	33/42	250.mg	37/45
c	1383	601.mg	n.s.s.	1/44	10.0mg	3/44	50.0mg	3/42	250.mg	5/45
2710	1383	335.mg	n.s.s.	2/38	8.00mg	8/35	40.0mg	1/35	200.mg	8/36
a	1383	50.8mg	n.s.s.	0/37	8.00mg	0/38	40.0mg	0/39	200.mg	0/39
b	1383	230.mg	n.s.s.	10/38	8.00mg	20/39	40.0mg	11/39	200.mg	17/39
c	1383	491.mg	n.s.s.	2/38	8.00mg	6/39	40.0mg	4/39	200.mg	5/39
N-ETHYL-N'-NITRO-N-NITROSOGUANIDINE 63885-23-4										
2711	600	1.64mg	5.50mg	0/38	5.48mg	19/43				
a	600	2.10mg	8.18mg	0/38	5.48mg	15/43				
b	600	2.25mg	9.20mg	0/38	5.48mg	14/43				
c	600	2.80mg	14.3mg	0/38	5.48mg	11/43				
d	600	3.63mg	29.5mg	0/38	5.48mg	8/43				
e	600	11.4mg	n.s.s.	0/38	5.48mg	1/43				
f	600	13.8mg	n.s.s.	19/38	5.48mg	5/43				
g	600	21.4mg	n.s.s.	3/38	5.48mg	0/43				
h	600	2.37mg	n.s.s.	22/38	5.48mg	25/43				
									Nakamura;jnci,52,519-522;1974	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc						Citation or Pathology	Brkly Code
1-ETHYL-1-NITROSOUREA (ENU, N-ethyl-N-nitrosourea) 759-73-9															
2712	1614	90.2ug	.351mg	5/52	12.0ug	8/51	40.2ug	18/52	.120mg	24/50	(.429mg	27/50)		Maekawa;gann,75,117-125;1984	
a	1614	.419mg	6.46mg	9/52	12.0ug	10/51	40.2ug	16/52	.120mg	16/50	.429mg	22/50			
b	1614	.544mg	1.66mg	0/52	12.0ug	0/51	40.2ug	0/52	.120mg	2/50	.429mg	20/50			
c	1614	1.12mg	12.3mg	1/52	12.0ug	1/51	40.2ug	1/52	.120mg	1/50	.429mg	8/50			
d	1614	1.10mg	18.2mg	2/52	12.0ug	1/51	40.2ug	1/52	.120mg	2/50	.429mg	8/50			
e	1614	1.10mg	18.2mg	2/52	12.0ug	1/51	40.2ug	1/52	.120mg	2/50	.429mg	8/50			
f	1614	2.32mg	106.mg	0/52	12.0ug	0/51	40.2ug	0/52	.120mg	0/50	.429mg	3/50			
g	1614	1.24mg	n.s.s.	0/52	12.0ug	5/51	40.2ug	3/52	.120mg	3/50	.429mg	6/50			
h	1614	2.35mg	n.s.s.	0/52	12.0ug	0/51	40.2ug	1/52	.120mg	0/50	.429mg	2/50			
i	1614	4.88mg	n.s.s.	0/52	12.0ug	0/51	40.2ug	1/52	.120mg	0/50	.429mg	0/50			
j	1614	32.6ug	.202mg	38/52	12.0ug	39/51	40.2ug	44/52	.120mg	46/50	.429mg	50/50			
2713	1614	71.0ug	.200mg	1/51	11.2ug	10/52	37.5ug	13/52	.112mg	28/51	(.400mg	32/52)			
a	1614	.326mg	.976mg	5/51	11.2ug	0/52	37.5ug	6/52	.112mg	11/51	.400mg	25/52			
b	1614	.460mg	3.25mg	6/51	11.2ug	5/52	37.5ug	6/52	.112mg	13/51	.400mg	18/52			
c	1614	.588mg	1.90mg	0/51	11.2ug	0/52	37.5ug	2/52	.112mg	2/51	.400mg	16/52			
d	1614	.629mg	2.84mg	1/51	11.2ug	2/52	37.5ug	1/52	.112mg	4/51	.400mg	14/52			
e	1614	.942mg	7.80mg	1/51	11.2ug	1/52	37.5ug	1/52	.112mg	2/51	.400mg	9/52			
f	1614	.961mg	n.s.s.	0/51	11.2ug	1/52	37.5ug	2/52	.112mg	5/51	.400mg	5/52			
g	1614	1.29mg	n.s.s.	0/51	11.2ug	1/52	37.5ug	4/52	.112mg	1/51	.400mg	5/52			
h	1614	2.27mg	n.s.s.	0/51	11.2ug	0/52	37.5ug	1/52	.112mg	0/51	.400mg	2/52			
i	1614	2.34mg	n.s.s.	0/51	11.2ug	2/52	37.5ug	0/52	.112mg	2/51	.400mg	2/52			
j	1614	1.73mg	n.s.s.	4/51	11.2ug	0/52	37.5ug	6/52	.112mg	3/51	.400mg	4/52			
k	1614	3.55mg	n.s.s.	0/51	11.2ug	1/52	37.5ug	0/52	.112mg	0/51	.400mg	1/52			
l	1614	n.s.s.	n.s.s.	51/51	11.2ug	51/52	37.5ug	52/52	.112mg	51/51	.400mg	52/52			
ETHYL TELLURAC 20941-65-5															
2714	TR152	325.mg	n.s.s.	8/20	277.mg	36/50	639.mg	36/50							
a	TR152	908.mg	n.s.s.	1/20	277.mg	7/50	639.mg	10/50						liv:hpa,hpc,nnd.	
b	TR152	856.mg	n.s.s.	3/20	277.mg	9/50	639.mg	12/50						lun:a/a,a/c.	
2715	132	21.3mg	n.s.s.	0/16	20.4mg	1/18								Innes;ntis,1968/1969	
a	132	40.5mg	n.s.s.	0/16	20.4mg	0/18									
b	132	15.6mg	n.s.s.	0/16	20.4mg	2/18									
2716	TR152	112.mg	617.mg	0/20	151.mg	16/50	(376.mg	10/50)							
a	TR152	127.mg	706.mg	0/20	151.mg	16/50	(376.mg	11/50)						lun:a/a,a/c.	S
b	TR152	140.mg	1.02gm	0/20	151.mg	14/50	(376.mg	11/50)							S
c	TR152	198.mg	n.s.s.	10/20	151.mg	39/50	376.mg	35/50							
d	TR152	518.mg	n.s.s.	8/20	151.mg	15/50	376.mg	16/50						liv:hpa,hpc,nnd.	
e	TR152	127.mg	706.mg	0/20	151.mg	16/50	(376.mg	11/50)						lun:a/a,a/c.	
2717	132	8.30mg	n.s.s.	0/16	19.0mg	4/16								Innes;ntis,1968/1969	
a	132	12.8mg	n.s.s.	0/16	19.0mg	2/16									
b	132	17.5mg	n.s.s.	0/16	19.0mg	1/16									
c	132	17.5mg	n.s.s.	0/16	19.0mg	1/16									
d	132	3.84mg	23.6mg	0/16	19.0mg	9/16									
2718	132	9.17mg	n.s.s.	1/17	20.4mg	5/18									
a	132	40.5mg	n.s.s.	0/17	20.4mg	0/18									
b	132	8.28mg	n.s.s.	2/17	20.4mg	6/18									
2719	132	12.4mg	n.s.s.	1/18	19.0mg	3/18									
a	132	17.8mg	n.s.s.	2/18	19.0mg	2/18									
b	132	8.12mg	n.s.s.	3/18	19.0mg	6/18									
2720	TR152	5.78mg	n.s.s.	2/20	7.50mg	19/50	(15.0mg	9/50)							S
a	TR152	11.7mg	n.s.s.	15/20	7.50mg	40/50	15.0mg	39/50							
b	TR152	106.mg	n.s.s.	0/20	7.50mg	0/50	15.0mg	1/50						liv:hpa,hpc,nnd.	
2721	TR152	37.1mg	2.43gm	0/20	12.0mg	2/50	24.0mg	8/50							
a	TR152	61.8mg	n.s.s.	0/20	12.0mg	0/50	24.0mg	4/50							
b	TR152	12.7mg	n.s.s.	17/20	12.0mg	43/50	24.0mg	39/50							

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
c	TR152	119.mg	n.s.s.	1/20	12.0mg	2/50	24.0mg	0/50			liv:hpa,hpc,nd.
3-O-ETHYLASCORBIC ACID 86404-04-8											
2722	2249	258.mg	n.s.s.	0/10	500.mg	0/10				Hirose;carc,16,217-221;1995/pers.comm.	
ETHYLBENZENE 100-41-4											
2723	TR466	809.mg	n.s.s.	13/50	101.mg	12/50	336.mg	15/50	1.01gm	25/50	liv:hpa,hpc.
a	TR466	978.mg	n.s.s.	6/50	101.mg	9/50	336.mg	12/50	1.01gm	16/50	S
b	TR466	3.13gm	n.s.s.	0/50	101.mg	0/50	336.mg	1/50	1.01gm	3/50	S
c	TR466	769.mg	n.s.s.	29/50	101.mg	38/50	336.mg	31/50	1.01gm	38/50	
d	TR466	809.mg	n.s.s.	13/50	101.mg	12/50	336.mg	15/50	1.01gm	25/50	liv:hpa,hpb,hpc.
e	TR466	1.91gm	n.s.s.	4/50	101.mg	6/50	336.mg	5/50	1.01gm	8/50	lun:a/a,a/c.
2724	TR466	614.mg	n.s.s.	7/50	84.3mg	10/50	281.mg	15/50	843.mg	19/50	lun:a/a,a/c.
a	TR466	716.mg	n.s.s.	5/50	84.3mg	9/50	281.mg	10/50	843.mg	16/50	S
b	TR466	493.mg	n.s.s.	35/50	84.3mg	34/50	281.mg	40/50	843.mg	41/50	
c	TR466	787.mg	n.s.s.	27/50	84.3mg	24/50	281.mg	30/50	843.mg	27/50	liv:hpa,hpb,hpc.
d	TR466	614.mg	n.s.s.	7/50	84.3mg	10/50	281.mg	15/50	843.mg	19/50	lun:a/a,a/c.
2725	TR466	1.34gm	n.s.s.	0/50	24.1mg	0/50	80.4mg	0/50	242.mg	1/50	
a	TR466	185.mg	n.s.s.	42/50	24.1mg	45/50	80.4mg	43/50	242.mg	46/50	
b	TR466	n.s.s.	n.s.s.	0/50	24.1mg	0/50	80.4mg	0/50	242.mg	0/50	liv:hpa,hpb,hpc.
2726	TR466	595.mg	3.49gm	0/50	24.1mg	0/50	80.4mg	1/50	242.mg	8/50	
2727	TR466	13.8mg	47.2mg	27/50	16.9mg	23/50	56.4mg	32/50	169.mg	40/50	S
a	TR466	14.2mg	55.2mg	36/50	16.9mg	34/50	56.4mg	40/50	169.mg	45/50	kid:rua,ruc; tes:iab,ica. C
b	TR466	14.3mg	56.3mg	36/50	16.9mg	33/50	56.4mg	40/50	169.mg	44/50	tes:iab,ica.
c	TR466	42.3mg	3.83gm	13/50	16.9mg	13/50	56.4mg	9/50	169.mg	14/50	amd:pbb,phm,pob. S
d	TR466	64.1mg	612.mg	0/50	16.9mg	3/50	56.4mg	3/50	169.mg	7/50	kid:rua,ruc.
e	TR466	80.8mg	23.5gm	0/50	16.9mg	3/50	56.4mg	2/50	169.mg	4/50	
f	TR466	137.mg	6.47gm	0/50	16.9mg	0/50	56.4mg	1/50	169.mg	3/50	S
g	TR466	45.4mg	n.s.s.	13/50	16.9mg	13/50	56.4mg	9/50	169.mg	12/50	amd:pbb,pob. S
h	TR466	23.5mg	1.21gm	48/50	16.9mg	44/50	56.4mg	47/50	169.mg	38/50	
i	TR466	835.mg	n.s.s.	0/50	16.9mg	3/50	56.4mg	0/50	169.mg	0/50	liv:hpa,hpb,hpc.
2728	TR466	150.mg	585.mg	3/50	16.9mg	5/50	56.4mg	8/50	169.mg	21/50	kid:rua,ruc.
a	TR466	161.mg	680.mg	3/50	16.9mg	5/50	56.4mg	7/50	169.mg	20/50	
b	TR466	701.mg	n.s.s.	0/50	16.9mg	0/50	56.4mg	1/50	169.mg	3/50	S
2729	BT912	1.24gm	n.s.s.	3/50	387.mg	7/50					Maltoni;anya,837,15-52;1997
a	BT912	1.96gm	n.s.s.	1/50	387.mg	3/50					
b	BT912	2.99gm	n.s.s.	0/50	387.mg	1/50					
c	BT912	2.99gm	n.s.s.	0/50	387.mg	1/50					
d	BT912	3.39gm	n.s.s.	1/50	387.mg	1/50					
e	BT912	3.39gm	n.s.s.	1/50	387.mg	1/50					
f	BT912	605.mg	n.s.s.	11/50	387.mg	19/50					
g	BT912	769.mg	n.s.s.	35/50	387.mg	30/50					
2730	BT905m	433.mg	n.s.s.	10/49	237.mg	14/37					Maltoni;ajim,7,415-446;1985/1997a
a	BT905m	211.mg	n.s.s.	30/50	237.mg	30/40					
2731	BT912	1.42gm	n.s.s.	1/50	387.mg	5/50					Maltoni;anya,837,15-52;1997
a	BT912	1.81gm	n.s.s.	0/50	387.mg	3/50					
b	BT912	2.99gm	n.s.s.	0/50	387.mg	1/50					
c	BT912	2.99gm	n.s.s.	0/50	387.mg	1/50					
d	BT912	5.57gm	n.s.s.	1/50	387.mg	0/50					
e	BT912	1.20gm	n.s.s.	12/50	387.mg	12/50					
f	BT912	1.04gm	n.s.s.	27/50	387.mg	22/50					
2732	BT905m	282.mg	n.s.s.	29/50	237.mg	27/40					Maltoni;ajim,7,415-446;1985/1997a
a	BT905m	528.mg	n.s.s.	11/45	237.mg	14/40					
ETHYLENE GLYCOL 107-21-1											
2733	TR413	8.40gm	n.s.s.	39/50	1.59gm	33/50	3.19gm	31/51	6.37gm	36/50	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	TR413	12.7gm	n.s.s.	10/50	1.59gm	9/50	3.19gm	14/51	6.37gm 10/50		liv:hpa,hpc,nnd.
b	TR413	4.83gm	n.s.s.	1/50	1.59gm	6/50	3.19gm	6/51	(6.37gm 1/50)		lun:a/a,a/c.
2734	TR413	7.26gm	n.s.s.	0/54	740.mg	0/54	1.48gm	2/54	2.96gm 3/54		hag:ade,car. S
a	TR413	1.83gm	n.s.s.	34/54	740.mg	36/54	1.48gm	31/54	2.96gm 33/54		
b	TR413	3.13gm	n.s.s.	19/54	740.mg	23/54	1.48gm	16/54	2.96gm 18/54		liv:hpa,hpc,nnd.
c	TR413	6.61gm	n.s.s.	7/54	740.mg	3/54	1.48gm	9/54	2.96gm 3/54		lun:a/a,a/c.
ETHYLENE GLYCOL, CYCLIC SULFATE (glycol sulfate) 1072-53-3											
2735	1143	.169mg	n.s.s.	10/30	.286mg	9/30				Van Duuren;jnci,53,695-700;1974	
ETHYLENE IMINE 151-56-4											
2736	1245	.100mg	.900mg	1/17	1.81mg	10/11					Innes;ntis,1968/1969
a	1245	.806mg	n.s.s.	0/17	1.81mg	2/11					
b	1245	n.s.s.	.551mg	2/17	1.81mg	11/11					
2737	1245	.219mg	1.59mg	2/18	1.68mg	12/16					
a	1245	.349mg	3.45mg	1/18	1.68mg	9/16					
b	1245	.734mg	n.s.s.	0/18	1.68mg	4/16					
c	1245	n.s.s.	.419mg	3/18	1.68mg	16/16					
2738	1245	n.s.s.	.409mg	0/16	1.81mg	15/15					
a	1245	.233mg	1.27mg	0/16	1.81mg	11/15					
b	1245	n.s.s.	.409mg	0/16	1.81mg	15/15					
2739	1245	.135mg	.688mg	0/16	1.68mg	15/17					
a	1245	.135mg	.688mg	0/16	1.68mg	15/17					
b	1245	.174mg	.847mg	0/16	1.68mg	14/17					
c	1245	88.7ug	.540mg	0/16	1.68mg	16/17					
ETHYLENE OXIDE (EO) 75-21-8											
2740	TR326	21.7mg	163.mg	13/50	27.8mg	22/50	55.6mg	43/50		duo:mno; hag:pcy; kid:mno; lun:a/a,a/c; mds:mno; mgl:acn,adq; mln:mno; mul:mlh,mno; spl:mno; ute:acn,adn,mno. M	
a	TR326	27.3mg	120.mg	3/50	27.8mg	9/50	55.6mg	26/50		hag:pcy; lun:a/a,a/c. C	
b	TR326	36.0mg	163.mg	2/50	27.8mg	5/50	55.6mg	22/50		lun:a/a,a/c.	
c	TR326	47.0mg	362.mg	2/50	27.8mg	4/50	55.6mg	17/50			
d	TR326	90.3mg	1.25gm	0/50	27.8mg	1/50	55.6mg	7/50			
e	TR326	31.2mg	41.7gm	1/50	27.8mg	8/50	(55.6mg 3/50)				S
f	TR326	31.5mg	n.s.s.	1/50	27.8mg	8/50	(55.6mg 6/50)			mgl:acn,adq.	
g	TR326	38.7mg	n.s.s.	10/50	27.8mg	14/50	55.6mg	29/50		duo:mno; kid:mno; mds:mno; mgl:acn,adq; mln:mno; mul:mlh,mno; spl:mno; ute:acn,adn,mno. P	
h	TR326	57.8mg	n.s.s.	9/50	27.8mg	6/50	55.6mg	22/50		duo:mno; kid:mno; mds:mno; mln:mno; mul:mlh,mno; spl:mno; ute: mno.	
i	TR326	64.9mg	n.s.s.	1/50	27.8mg	6/50	55.6mg	8/50			
j	TR326	107.mg	n.s.s.	0/50	27.8mg	2/50	55.6mg	5/50		ute:acn,adn.	
k	TR326	120.mg	n.s.s.	0/50	27.8mg	1/50	55.6mg	5/50			
l	TR326	27.6mg	n.s.s.	30/50	27.8mg	33/50	55.6mg	46/50			
m	TR326	34.7mg	n.s.s.	6/50	27.8mg	9/50	(55.6mg 3/50)			liv:hpa,hpc,nnd.	
n	TR326	36.0mg	163.mg	2/50	27.8mg	5/50	55.6mg	22/50		lun:a/a,a/c.	
2741	TR326	22.5mg	n.s.s.	12/50	23.1mg	26/50	46.3mg	29/50		hag:pcy; lun:a/a,a/c. C	
a	TR326	27.8mg	n.s.s.	11/50	23.1mg	19/50	46.3mg	26/50		lun:a/a,a/c.	
b	TR326	44.0mg	n.s.s.	6/50	23.1mg	10/50	46.3mg	16/50			
c	TR326	52.1mg	n.s.s.	1/50	23.1mg	9/50	46.3mg	8/50			
d	TR326	54.5mg	n.s.s.	5/50	23.1mg	11/50	46.3mg	11/50			
e	TR326	24.4mg	n.s.s.	29/50	23.1mg	38/50	46.3mg	41/50			
f	TR326	53.7mg	n.s.s.	15/50	23.1mg	17/50	46.3mg	21/50		liv:hpa,hpc,nnd.	
g	TR326	27.8mg	n.s.s.	11/50	23.1mg	19/50	46.3mg	26/50		lun:a/a,a/c.	
2742	1624	18.3mg	77.8mg	3/78p	5.42mg	9/79	10.8mg	21/79		Lynch;txap,76,69-84;1984	
a	1624	52.3mg	4.81gm	0/76p	5.42mg	2/77	10.8mg	5/79			
b	1624	14.3mg	n.s.s.	24/77p	5.42mg	38/79	10.8mg	30/76			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
c	1624	88.2mg	n.s.s.	2/78p	5.42mg	3/78	10.8mg	2/79				
2743	1666m	8.48mg	n.s.s.	2/40p	13.3mg	4/20					Snellings;txap,75,105-117;1984/Garman	1985
a	1666m	24.7mg	n.s.s.	1/40p	1.31mg	0/20	4.34mg	0/20	13.3mg	1/20		
2744	1666o	61.7mg	n.s.s.	0/154p	1.31mg	1/78	4.32mg	3/79	13.2mg	3/79		
2745	1666m	6.94mg	n.s.s.	1/40p	9.29mg	3/20						
a	1666m	16.5mg	n.s.s.	0/40p	.920mg	0/20	3.04mg	1/20	9.29mg	0/20		
b	1666m	9.53mg	n.s.s.	7/40p	9.29mg	3/20						
c	1666m	2.56mg	n.s.s.	35/40p	9.29mg	16/20						
2746	1666o	33.5mg	313.mg	1/156p	.916mg	1/79	3.02mg	4/78	9.25mg	7/79		
2747	1486	5.12mg	11.3mg	0/50	1.53mg	12/50	6.11mg	35/50			Dunkelberg;bjca,46,924-933;1982	
a	1486	7.06mg	16.9mg	0/50	1.53mg	8/50	6.11mg	29/50				
b	1486	4.33mg	n.s.s.	4/50	1.53mg	13/50	(6.11mg	1/50)				
ETHYLENE THIOUREA (ETU) 96-45-7												
2748	TR388	12.7mg	38.1mg	4/50	42.9mg	44/50	(130.mg	48/50)				liv:hpa,hpc.
a	TR388	14.5mg	96.7mg	14/50	42.9mg	47/50	(130.mg	48/50)			liv:hpa,hpc; pit:pda,fdc; thy:fca,fcc.	C
b	TR388	19.1mg	59.9mg	2/50	42.9mg	33/50	(130.mg	14/50)				
c	TR388	28.4mg	62.9mg	2/50	42.9mg	29/50	130.mg	47/50				
d	TR388	55.5mg	128.mg	0/50	42.9mg	2/50	130.mg	38/50				thy:fca,fcc.
e	TR388	60.6mg	144.mg	0/50	42.9mg	2/50	130.mg	35/50				
f	TR388	74.6mg	973.mg	10/50	42.9mg	19/50	130.mg	26/50				
g	TR388	76.7mg	1.57gm	11/50	42.9mg	19/50	130.mg	26/50				pit:pda,fdc.
h	TR388	246.mg	1.69gm	0/50	42.9mg	0/50	130.mg	8/50				
i	TR388	46.2mg	n.s.s.	36/50	42.9mg	49/50	130.mg	48/50				
j	TR388	12.7mg	38.1mg	4/50	42.9mg	44/50	(130.mg	48/50)				liv:hpa,hpc,nnd.
k	TR388	93.4mg	n.s.s.	5/50	42.9mg	8/50	(130.mg	0/50)				lun:a/a,a/c.
2749	1141	n.s.s.	20.7mg	0/16	88.8mg	18/18					Innes;ntis,1968/1969	
a	1141	61.1mg	n.s.s.	0/16	88.8mg	3/18						
b	1141	n.s.s.	20.7mg	0/16	88.8mg	18/18						
2750	TR388	30.6mg	158.mg	20/50	39.6mg	32/50	120.mg	46/50				liv:hpa,hpc.
a	TR388	30.6mg	159.mg	21/50	39.6mg	32/50	120.mg	47/50			liv:hpa,hpc; pit:pda; thy:fca,fcc.	C
b	TR388	33.5mg	116.mg	13/50	39.6mg	19/50	120.mg	45/50				
c	TR388	60.7mg	172.mg	1/50	39.6mg	1/50	120.mg	29/50				thy:fca,fcc.
d	TR388	69.6mg	194.mg	0/50	39.6mg	1/50	120.mg	26/50				
e	TR388	173.mg	1.20gm	0/50	39.6mg	0/50	120.mg	8/50				
f	TR388	246.mg	n.s.s.	1/50	39.6mg	0/50	120.mg	5/50				
g	TR388	284.mg	n.s.s.	0/50	39.6mg	1/50	120.mg	3/50			ear:hem; hea:hem; liv:hem.	S
h	TR388	38.6mg	n.s.s.	35/50	39.6mg	40/50	120.mg	47/50				
i	TR388	30.6mg	158.mg	20/50	39.6mg	32/50	120.mg	46/50				liv:hpa,hpc,nnd.
j	TR388	156.mg	n.s.s.	5/50	39.6mg	6/50	120.mg	8/50				lun:a/a,a/c.
2751	1141	7.63mg	40.5mg	0/16	82.5mg	14/16					Innes;ntis,1968/1969	
a	1141	88.7mg	n.s.s.	0/16	82.5mg	1/16						
b	1141	7.63mg	40.5mg	0/16	82.5mg	14/16						
2752	1141	20.4mg	124.mg	0/17	88.8mg	9/16						
a	1141	178.mg	n.s.s.	1/17	88.8mg	0/16						
b	1141	13.2mg	99.9mg	2/17	88.8mg	12/16						
2753	1141	n.s.s.	20.0mg	1/18	82.6mg	18/18						
a	1141	87.7mg	n.s.s.	2/18	82.6mg	2/18						
b	1141	n.s.s.	21.8mg	3/18	82.6mg	18/18						
2754	TR388	4.74mg	13.2mg	1/50	4.15mg	6/50	12.5mg	28/50				thy:fab,fca.
a	TR388	4.64mg	14.2mg	3/50	4.15mg	7/50	12.5mg	30/50			thy:fab,fca,fcy,fdc.	
b	TR388	15.9mg	n.s.s.	2/50	4.15mg	1/50	12.5mg	8/50				thy:fcy,fdc.
c	TR388	5.13mg	n.s.s.	48/50	4.15mg	46/50	12.5mg	49/50				
d	TR388	82.4mg	n.s.s.	0/50	4.15mg	1/50	12.5mg	0/50				liv:hpa,hpc,nnd.
2755	TR388	2.08mg	5.23mg	1/50	3.32mg	12/50	10.0mg	37/50			thy:fab,fca,fcy,fdc.	
a	TR388	3.28mg	9.00mg	0/50	3.32mg	9/50	10.0mg	23/50				thy:fab,fca.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc								Citation or Pathology	Brkly Code
b	TR388	3.29mg	10.4mg	1/50	3.32mg	3/50	10.0mg	26/50									thy: fcy, fdc.
c	TR388	3.49mg	n.s.s.	43/50	3.32mg	47/50	10.0mg	43/50									
d	TR388	30.3mg	n.s.s.	0/50	3.32mg	0/50	10.0mg	1/50									liv:hpa,hpc,nnd.
2756	139	5.00mg	75.7mg	0/72	.225mg	0/75	1.13mg	5/73	(5.63mg	4/73	11.3mg	5/69	22.5mg	3/70)		Graham:fctx,13, 493-499;1975	
a	139	12.5mg	22.9mg	2/72	.225mg	2/75	1.13mg	1/73	5.63mg	2/73	11.3mg	16/69	22.5mg	62/70			
b	139	20.0mg	70.6mg	2/72	.225mg	0/75	1.13mg	5/73	5.63mg	1/73	11.3mg	21/69	(22.5mg	3/70)			
c	139	117.mg	n.s.s.	1/72	.225mg	1/75	1.13mg	1/73	5.63mg	2/73	11.3mg	1/69	22.5mg	5/70			
d	139	100.mg	n.s.s.	2/72	.225mg	14/75	1.13mg	4/73	5.63mg	2/73	11.3mg	5/69	(22.5mg	0/70)			
e	139	4.58mg	13.5mg	51/72	.225mg	49/75	1.13mg	45/73	5.63mg	54/73	11.3mg	61/69	22.5mg	68/70			
f	139	9.62mg	19.9mg	15/72	.225mg	23/75	1.13mg	13/73	5.63mg	16/73	11.3mg	31/69	22.5mg	63/70			
2757	141m	18.0mg	n.s.s.	0/10	6.56mg	2/26	13.1mg	6/26								Ulland;jnci,49,583-584;1972/Weisburger	1981
a	141m	34.2mg	n.s.s.	0/10	6.56mg	1/26	13.1mg	2/26									
b	141m	59.4mg	n.s.s.	0/10	6.56mg	1/26	13.1mg	0/26									
2758	141m	7.21mg	28.7mg	0/10	5.25mg	2/26	10.5mg	15/26									
a	141m	27.4mg	n.s.s.	0/10	5.25mg	1/26	10.5mg	2/26									
b	141m	27.7mg	n.s.s.	0/10	5.25mg	2/26	10.5mg	1/26									
ETHYLENE UREA (2-imidazolidinone) 120-93-4																	
2759	1197	70.3mg	n.s.s.	1/17	89.1mg	2/17											Innes;ntis,1968/1969
a	1197	167.mg	n.s.s.	0/17	89.1mg	0/17											
b	1197	59.5mg	n.s.s.	2/17	89.1mg	3/17											
2760	1197	69.5mg	n.s.s.	1/18	82.9mg	2/18											
a	1197	109.mg	n.s.s.	2/18	82.9mg	1/18											
b	1197	65.2mg	n.s.s.	3/18	82.9mg	3/18											
2761	1197	167.mg	n.s.s.	0/16	89.1mg	0/17											
a	1197	167.mg	n.s.s.	0/16	89.1mg	0/17											
b	1197	167.mg	n.s.s.	0/16	89.1mg	0/17											
2762	1197	59.5mg	n.s.s.	0/16	82.9mg	2/17											
a	1197	59.5mg	n.s.s.	0/16	82.9mg	2/17											
b	1197	32.8mg	1.18gm	0/16	82.9mg	5/17											
ETHYLENEBISDITHIOCARBAMATE, DISODIUM (dithane, nabam) 142-59-6																	
2763	1215	19.7mg	n.s.s.	0/17	9.96mg	0/18											Innes;ntis,1968/1969
a	1215	19.7mg	n.s.s.	0/17	9.96mg	0/18											
b	1215	19.7mg	n.s.s.	2/17	9.96mg	0/18											
2764	1215	12.2mg	n.s.s.	2/18	9.26mg	1/18											
a	1215	18.3mg	n.s.s.	3/18	9.26mg	0/18											
b	1215	14.1mg	n.s.s.	5/18	9.26mg	1/18											
2765	1215	17.5mg	n.s.s.	0/18	9.96mg	0/16											
a	1215	17.5mg	n.s.s.	1/18	9.96mg	0/16											
b	1215	17.5mg	n.s.s.	3/18	9.96mg	0/16											
2766	1215	9.63mg	n.s.s.	1/17	9.26mg	1/16											
a	1215	10.7mg	n.s.s.	2/17	9.26mg	1/16											
b	1215	10.1mg	n.s.s.	6/17	9.26mg	2/16											
1-ETHYLENEOXY-3,4-EPOXYCYCLOHEXANE 106-87-6																	
2767	55	27.4mg	n.s.s.	0/5	40.8mg	0/5											Van Duuren;jnci,37,825-838;1966
2-ETHYLHEXANOL 104-76-7																	
2768	2284	727.mg	98.2gm	0/50	35.7mg	1/50	143.mg	3/50	536.mg	5/50							Astill;faat,31,29-41;1996/pers.comm.
2769	2284	590.mg	n.s.s.	6/50	35.7mg	3/50	143.mg	7/50	536.mg	10/50							
2770	2284	3.05gm	n.s.s.	1/50	35.7mg	1/50	107.mg	2/50	357.mg	0/50							
2771	2284	2.92gm	n.s.s.	6/50	35.7mg	3/50	107.mg	4/50	357.mg	1/50							

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
DI (2-ETHYLHEXYL)ADIPATE 103-23-1																
2772	TR212	1.57gm	9.40gm	1/50	1.52gm	14/50	(3.19gm	12/50)								
a	TR212	2.29gm	11.3gm	3/50	1.52gm	19/50	3.19gm	18/50								liv:hpa,hpc.
b	TR212	3.44gm	n.s.s.	37/50	1.52gm	33/50	3.19gm	30/50								
c	TR212	2.29gm	11.3gm	3/50	1.52gm	19/50	3.19gm	18/50								liv:hpa,hpc,nnd.
d	TR212	17.8gm	n.s.s.	6/50	1.52gm	1/50	3.19gm	3/50								lun:a/a,a/c.
2773	TR212	2.25gm	n.s.s.	13/50	1.41gm	20/50	2.96gm	27/50								liv:hpa,hpc.
a	TR212	3.62gm	n.s.s.	6/50	1.41gm	8/50	2.96gm	15/50								
b	TR212	2.99gm	n.s.s.	33/50	1.41gm	32/50	2.96gm	34/50								
c	TR212	2.25gm	n.s.s.	13/50	1.41gm	20/50	2.96gm	27/50								liv:hpa,hpc,nnd.
d	TR212	2.04gm	n.s.s.	8/50	1.41gm	9/50	(2.96gm	3/50)								lun:a/a,a/c.
2774	TR212	699.mg	n.s.s.	44/50	589.mg	41/50	(1.23gm	34/50)								
a	TR212	4.76gm	n.s.s.	0/50	589.mg	3/50	1.23gm	1/50								liv:hpa,hpc,nnd.
2775	TR212	1.47gm	n.s.s.	30/49	466.mg	32/50	986.mg	26/50								
a	TR212	4.46gm	n.s.s.	2/49	466.mg	2/50	986.mg	2/50								liv:hpa,hpc,nnd.
DI (2-ETHYLHEXYL)PHTHALATE (di-sec-octyl phthalate, DEHP) 117-81-7																
2776	TR217	513.mg	1.67gm	1/50	383.mg	12/50	765.mg	18/50								liv:hpa,hpc.
a	TR217	638.mg	1.89gm	0/50	383.mg	7/50	765.mg	17/50								
b	TR217	175.mg	2.07gm	20/50	383.mg	35/50	(765.mg	35/50)								
c	TR217	513.mg	1.67gm	1/50	383.mg	12/50	765.mg	18/50								liv:hpa,hpc,nnd.
d	TR217	2.20gm	n.s.s.	0/50	383.mg	1/50	765.mg	2/50								lun:a/a,a/c.
2777	2442m	260.mg	5.48gm	0/15	12.8mg	1/10	64.2mg	1/10	193.mg	1/10	770.mg	6/15			David;faat,50,195-205;1999/2000	
a	2442m	363.mg	n.s.s.	0/15	12.8mg	1/10	64.2mg	1/10	193.mg	1/10	770.mg	4/15				
b	2442m	654.mg	n.s.s.	0/15	12.8mg	0/10	64.2mg	0/10	193.mg	0/10	770.mg	2/15				
2778	2442n	341.mg	1.03gm	3/55	579.mg	30/55										
a	2442n	479.mg	1.87gm	3/55	579.mg	23/55										
b	2442n	790.mg	3.39gm	0/55	579.mg	13/55										
2779	2442o	321.mg	723.mg	3/55	12.9mg	3/50	64.4mg	6/55	193.mg	18/55	773.mg	38/55				
a	2442o	493.mg	1.13gm	0/55	12.9mg	1/50	64.4mg	3/55	193.mg	8/55	773.mg	30/55				
b	2442o	986.mg	6.21gm	3/55	12.9mg	2/50	64.4mg	3/55	193.mg	10/55	773.mg	14/55				
2780	TR217	440.mg	n.s.s.	14/50	353.mg	25/49	713.mg	29/50								liv:hpa,hpc.
a	TR217	736.mg	n.s.s.	9/50	353.mg	14/49	713.mg	19/50								
b	TR217	413.mg	n.s.s.	29/50	353.mg	37/49	713.mg	38/50								
c	TR217	440.mg	n.s.s.	14/50	353.mg	25/49	713.mg	29/50								liv:hpa,hpc,nnd.
d	TR217	1.97gm	n.s.s.	10/50	353.mg	9/49	713.mg	7/50								lun:a/a,a/c.
2781	2442m	577.mg	n.s.s.	1/15	11.8mg	1/10	59.2mg	3/10	178.mg	1/10	711.mg	2/15			David;faat,50,195-205;1999/2000	
2782	2442n	898.mg	n.s.s.	4/55	535.mg	12/55										
a	2442n	863.mg	n.s.s.	7/55	535.mg	14/55										
2783	2442o	330.mg	1.14gm	7/55	11.9mg	13/50	59.4mg	18/55	178.mg	26/55	713.mg	35/55				
a	2442o	634.mg	3.07gm	4/55	11.9mg	5/50	59.4mg	8/55	178.mg	14/55	713.mg	21/55				
b	2442o	812.mg	13.6gm	3/55	11.9mg	9/50	59.4mg	11/55	178.mg	13/55	713.mg	18/55				
2784	TR217	644.mg	2.40gm	0/50	294.mg	6/50	589.mg	13/50								liv:hpc,nnd.
a	TR217	1.12gm	5.90gm	0/50	294.mg	2/50	589.mg	8/50								
b	TR217	1.11gm	n.s.s.	0/50	294.mg	4/50	589.mg	5/50								S
c	TR217	321.mg	n.s.s.	41/50	294.mg	43/50	589.mg	49/50								
d	TR217	644.mg	2.40gm	0/50	294.mg	6/50	589.mg	13/50								liv:hpa,hpc,nnd.
2785	2442m	255.mg	n.s.s.	0/10	123.mg	0/10	617.mg	3/10							David;faat,50,195-205;1999/2000	
a	2442m	328.mg	n.s.s.	0/10	123.mg	0/10	617.mg	2/10								
2786	2442n	787.mg	4.17gm	0/70	464.mg	10/55										
a	2442n	1.14gm	12.7gm	0/70	464.mg	6/55										
b	2442n	1.48gm	524.gm	0/70	464.mg	4/55										
2787	2442o	888.mg	3.42gm	0/70	4.95mg	4/50	24.8mg	1/55	124.mg	3/55	619.mg	19/70				
a	2442o	1.35gm	6.39gm	0/70	4.95mg	1/50	24.8mg	0/55	124.mg	1/55	619.mg	12/70				
b	2442o	1.97gm	n.s.s.	0/70	4.95mg	3/50	24.8mg	1/55	124.mg	2/55	619.mg	7/70				
2788	2463	457.mg	7.23gm	0/20	15.0mg	1/20	50.0mg	1/20	600.mg	6/20					Cattley;clet,38,15-22;1987/pers.comm.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
1-ETHYLNITROSO-3- (2-OXOPROPYL) UREA 110559-84-7										
2802	1956	.159mg	2.42mg	1/12	.871mg	8/12			Lijinsky;bmes,2,167-173;1989	
a	1956	.335mg	n.s.s.	0/12	.871mg	4/12				
b	1956	.536mg	n.s.s.	0/12	.871mg	2/12				
c	1956	.845mg	n.s.s.	1/12	.871mg	1/12				
2803	1956	.201mg	2.27mg	0/12	.766mg	6/12				
a	1956	.295mg	n.s.s.	0/12	.766mg	4/12				
b	1956	.471mg	n.s.s.	0/12	.766mg	2/12				
c	1956	.313mg	n.s.s.	1/12	.766mg	4/12				
2804	2010m	98.9ug	.388mg	0/12	.442mg	12/12	.883mg	10/12	Lijinsky;vivo,4,1-6;1990	
a	2010m	.383mg	n.s.s.	1/12	.442mg	5/12	.883mg	6/12		
b	2010m	.407mg	n.s.s.	0/12	.442mg	2/12	(.883mg)	0/12		
c	2010m	.501mg	n.s.s.	2/12	.442mg	6/12	.883mg	4/12		
d	2010m	.728mg	n.s.s.	0/12	.442mg	0/12	.883mg	0/12		
2805	2010n	.225mg	4.85mg	0/12	.476mg	5/12	(.951mg)	0/12		
a	2010n	.366mg	2.03mg	0/12	.476mg	3/12	.951mg	8/12		
b	2010n	.424mg	3.41mg	0/12	.476mg	4/12	.951mg	6/12		
c	2010n	.274mg	n.s.s.	0/12	.476mg	4/12	(.951mg)	0/12		
d	2010n	.340mg	n.s.s.	0/12	.476mg	3/12	(.951mg)	0/12		
e	2010n	.529mg	n.s.s.	2/12	.476mg	3/12	.951mg	6/12		
f	2010n	.438mg	n.s.s.	0/12	.476mg	2/12	(.951mg)	0/12		
g	2010n	1.36mg	n.s.s.	0/12	.476mg	0/12	.951mg	2/12		
2806	2010m	n.s.s.	.135mg	0/12	.309mg	12/12	.618mg	12/12		
a	2010m	.121mg	.472mg	0/12	.309mg	9/12	.618mg	9/12		
b	2010m	.245mg	1.50mg	0/12	.309mg	4/12	.618mg	7/12		
c	2010m	.269mg	1.77mg	0/12	.309mg	3/12	.618mg	7/12		
d	2010m	.344mg	5.51mg	0/12	.309mg	3/12	.618mg	5/12		
e	2010m	.367mg	3.21mg	0/12	.309mg	0/12	.618mg	7/12		
f	2010m	.519mg	n.s.s.	0/12	.309mg	3/12	.618mg	2/12		
g	2010m	.757mg	n.s.s.	1/12	.309mg	0/12	.618mg	3/12		
2807	2010n	53.1ug	.354mg	0/12	.333mg	10/12	(.666mg)	5/12		
a	2010n	.123mg	.480mg	0/12	.333mg	8/12	.666mg	10/12		
b	2010n	.144mg	.605mg	0/12	.333mg	11/12	.666mg	7/12		
c	2010n	.256mg	1.42mg	0/12	.333mg	3/12	.666mg	8/12		
d	2010n	.455mg	5.71mg	0/12	.333mg	0/12	.666mg	6/12		
e	2010n	.421mg	n.s.s.	0/12	.333mg	3/12	.666mg	4/12		
f	2010n	.549mg	n.s.s.	0/12	.333mg	0/12	.666mg	0/12		
ETHYLNITROSO-CYANAMIDE (nitrosoethanecarbamonitrile) 38434-77-4										
2808	1246	1.35mg	8.02mg	0/25	3.40mg	9/20			Bulay;jnci,62,1523-1528;1979	
a	1246	10.5mg	n.s.s.	0/25	3.40mg	0/20				
b	1246	.981mg	n.s.s.	12/25	3.40mg	14/20				
2809	1246	1.88mg	36.2mg	0/22	2.97mg	5/19				
a	1246	8.71mg	n.s.s.	0/22	2.97mg	0/19				
b	1246	1.67mg	n.s.s.	12/22	2.97mg	10/19				
ETHYLPHENYLACETYLUREA (pheneturide) 90-49-3										
2810	1951	25.6mg	n.s.s.	0/15	17.8mg	0/15			Diwan;carc,10,189-194;1989	
4-ETHYLSULPHONYLNAPHTHALENE-1-SULFONAMIDE 842-00-2										
2811	142c	16.1mg	102.mg	0/40	13.0mg	9/42			Flaks;bjca,28,227-231;1973	
a	142c	21.8mg	360.mg	0/40	13.0mg	6/42				
2812	142a	8.89mg	31.0mg	0/26	13.0mg	19/52			Flaks;bjca,31,585-587;1975	
ETHYNODIOL DIACETATE (ovulen-50) 297-76-7										
2813	1175	.190mg	n.s.s.	161/167p	9.75ug	30/32	.130mg	46/56	Rudali;jnci,49,813-819;1972	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
2814	1905	1.68mg	n.s.s.	0/6	4.08mg	0/6				Annapurna;ijbb,25,708-713;1988	
ETODOLAC (1,8-diethyl-1,3,4,9-tetrahydropyrano-[3,4-6]indole-1-acetic acid) 41340-25-4											
2815	2341	11.3mg	n.s.s.	1/50	3.00mg	0/50	9.00mg	0/50	15.0mg	0/50	Wrenn;phrm,41,113-128;1991
a	2341	45.2mg	n.s.s.	2/50	3.00mg	3/50	9.00mg	3/50	15.0mg	2/50	
b	2341	21.4mg	n.s.s.	10/50	3.00mg	9/50	9.00mg	11/50	15.0mg	10/50	
c	2341	25.7mg	n.s.s.	15/50	3.00mg	13/50	9.00mg	12/50	15.0mg	12/50	
d	2341	73.8mg	n.s.s.	7/50	3.00mg	4/50	9.00mg	1/50	15.0mg	3/50	
2816	2341	63.5mg	n.s.s.	1/50	3.00mg	5/50	9.00mg	1/49	15.0mg	1/49	
a	2341	79.4mg	n.s.s.	7/50	3.00mg	0/50	9.00mg	2/49	15.0mg	2/49	
b	2341	43.6mg	n.s.s.	13/50	3.00mg	14/50	9.00mg	6/49	15.0mg	8/49	
c	2341	44.1mg	n.s.s.	7/50	3.00mg	12/50	9.00mg	5/49	15.0mg	5/49	
d	2341	56.1mg	n.s.s.	7/50	3.00mg	3/50	9.00mg	2/49	15.0mg	4/49	
2817	2338	85.7mg	n.s.s.	0/50	3.00mg	2/50	9.00mg	1/50	15.0mg	1/50	Wrenn;phrm,41,129-146;1991
a	2338	139. mg	n.s.s.	1/50	3.00mg	0/50	9.00mg	2/50	15.0mg	0/50	
b	2338	31.9mg	n.s.s.	43/50	3.00mg	47/50	9.00mg	37/50	15.0mg	33/50	
c	2338	52.8mg	n.s.s.	12/50	3.00mg	15/50	9.00mg	10/50	15.0mg	10/50	
d	2338	24.2mg	n.s.s.	47/50	3.00mg	49/50	9.00mg	42/50	15.0mg	38/50	
2818	2338	128. mg	n.s.s.	1/50	3.00mg	0/50	9.00mg	1/50	15.0mg	1/50	
a	2338	105. mg	n.s.s.	1/50	3.00mg	3/50	9.00mg	0/50	15.0mg	2/50	
b	2338	9.99mg	n.s.s.	26/50	3.00mg	33/50	9.00mg	27/50	(15.0mg)	11/50	
c	2338	55.8mg	n.s.s.	15/50	3.00mg	16/50	9.00mg	11/50	15.0mg	11/50	
d	2338	9.30mg	n.s.s.	33/50	3.00mg	39/50	9.00mg	32/50	(15.0mg)	19/50	
EUCALYPTOL 470-82-6											
2819	710	38.5mg	n.s.s.	102/240	5.27mg	30/52	21.1mg	18/47			Roe;jept,2,799-819;1979
a	710	72.8mg	n.s.s.	69/240	5.27mg	5/52	21.1mg	12/47			
b	710	16.2mg	n.s.s.	170/240	5.27mg	36/52	21.1mg	35/47			
c	710	67.8mg	n.s.s.	75/240	5.27mg	18/52	21.1mg	11/47			
EUGENOL (1-allyl-3-methoxy-4-hydroxybenzene) 97-53-0											
2820	TR223	1.29gm	n.s.s.	2/50	383. mg	7/50	773. mg	9/50			liv:hpa,hpc.
a	TR223	1.12gm	n.s.s.	27/50	383. mg	22/50	773. mg	26/50			
b	TR223	1.29gm	n.s.s.	2/50	383. mg	7/50	773. mg	9/50			liv:hpa,hpc,nnd.
c	TR223	2.22gm	n.s.s.	4/50	383. mg	6/50	773. mg	5/50			lun:a/a,a/c.
2821	TR223	208. mg	124. gm	14/50	353. mg	28/50	(713. mg)	18/50			liv:hpa,hpc.
a	TR223	298. mg	n.s.s.	10/50	353. mg	20/50	(713. mg)	9/50			
b	TR223	336. mg	n.s.s.	4/50	353. mg	13/50	(713. mg)	10/50			
c	TR223	2.58gm	n.s.s.	0/50	353. mg	0/50	713. mg	3/50			S
d	TR223	464. mg	n.s.s.	27/50	353. mg	36/50	713. mg	32/50			
e	TR223	208. mg	124. gm	14/50	353. mg	28/50	(713. mg)	18/50			liv:hpa,hpc,nnd.
f	TR223	1.77gm	n.s.s.	13/50	353. mg	8/50	713. mg	9/50			lun:a/a,a/c.
2822	1582	370. mg	n.s.s.	1/30	176. mg	1/30					Miller;canr,43,1124-1134;1983
a	1582	612. mg	n.s.s.	0/30	176. mg	0/30					
2823	TR223	723. mg	n.s.s.	33/40	294. mg	41/50	619. mg	38/50			
a	TR223	n.s.s.	n.s.s.	0/40	294. mg	0/50	619. mg	0/50			liv:hpa,hpc,nnd.
2824	TR223	158. mg	n.s.s.	0/40	118. mg	5/50	(238. mg)	2/50			lun:a/a,a/c. S
a	TR223	62.8mg	n.s.s.	30/40	118. mg	40/50	(238. mg)	33/50			
b	TR223	1.75gm	n.s.s.	2/40	118. mg	0/50	238. mg	1/50			liv:hpa,hpc,nnd.
FADROZOLE.HCl 102676-31-3											
2825	2229	.157mg	n.s.s.	29/60	50.0ug	20/60	(.250mg)	7/60	1.25mg	0/60	Gunson;bjca,72,72-75;1995/pers.comm.
a	2229	13.8mg	n.s.s.	4/60	50.0ug	4/60	.250mg	0/60	1.25mg	1/60	
b	2229	2.10mg	n.s.s.	58/60	50.0ug	60/60	.250mg	52/60	1.25mg	48/60	
2826	2229	9.02mg	n.s.s.	10/60	50.0ug	8/60	.250mg	5/60	1.25mg	4/60	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology				Brkly Code	
FENAMINOSULF, FORMULATED (methyl orange B) 140-56-7													
2827	TR101	47.6mg	n.s.s.	2/100	54.3mg	4/50	(103.mg	3/49)					liv:hpa,hpc. S
a	TR101	82.6mg	n.s.s.	26/100	54.3mg	10/50	103.mg	16/49					
b	TR101	47.6mg	n.s.s.	2/100	54.3mg	4/50	(103.mg	3/49)					liv:hpa,hpc,nnd.
c	TR101	210.mg	n.s.s.	8/100	54.3mg	3/50	103.mg	4/49					lun:a/a,a/c.
2828	TR101	137.mg	n.s.s.	20/50	94.7mg	20/50	189.mg	3/50					
a	TR101	265.mg	n.s.s.	15/50	94.7mg	9/50	189.mg	2/50					liv:hpa,hpc,nnd.
b	TR101	249.mg	n.s.s.	7/50	94.7mg	7/50	189.mg	1/50					lun:a/a,a/c.
2829	TR101	36.7mg	n.s.s.	31/50	19.3mg	33/50	34.4mg	30/50					
a	TR101	325.mg	n.s.s.	1/50	19.3mg	1/50	34.4mg	0/50					liv:hpa,hpc,nnd.
2830	TR101	19.3mg	n.s.s.	31/50	15.4mg	18/50	(27.5mg	17/50)					
a	TR101	n.s.s.	n.s.s.	0/50	15.4mg	1/50	27.5mg	0/50					liv:hpa,hpc,nnd.
FENTHION 55-38-9													
2831	TR103	2.57mg	n.s.s.	12/25	1.30mg	22/50	2.60mg	24/50					
a	TR103	11.0mg	n.s.s.	2/25	1.30mg	4/50	2.60mg	2/50					liv:hpa,hpc,nnd.
b	TR103	11.2mg	n.s.s.	3/25	1.30mg	3/50	2.60mg	3/50					lun:a/a,a/c.
2832	TR103	3.34mg	n.s.s.	0/25	1.20mg	7/50	2.40mg	8/50	ski:fbs,srn; sub:fbs,rhb,srn.				
a	TR103	.500mg	n.s.s.	10/25	1.20mg	35/50	(2.40mg	26/50)					
b	TR103	2.37mg	n.s.s.	6/25	1.20mg	17/50	2.40mg	17/50					liv:hpa,hpc,nnd.
c	TR103	4.15mg	n.s.s.	2/25	1.20mg	5/50	2.40mg	8/50					lun:a/a,a/c.
2833	TR103	.581mg	n.s.s.	18/25	.500mg	44/50	1.00mg	39/50					
a	TR103	9.77mg	n.s.s.	1/25	.500mg	0/50	1.00mg	0/50					liv:hpa,hpc,nnd.
2834	TR103	1.04mg	n.s.s.	17/25	.400mg	32/50	.800mg	26/50					
a	TR103	2.82mg	n.s.s.	0/25	.400mg	2/50	.800mg	1/50					liv:hpa,hpc,nnd.
FENVALERATE (cyano-(3-phenoxyphenyl)methyl-4-chloro-alpha-(1-methylethyl)benzene acetate) 51630-58-1													
2835	2177	10.2mg	n.s.s.	1/84	1.30mg	0/48	6.50mg	0/45	32.5mg	0/43	162.mg	0/46	Parker;faat,3,114-120; 1983/pers.comm.
a	2177	1.03gm	n.s.s.	6/84	1.30mg	2/48	6.50mg	1/45	32.5mg	4/43	162.mg	1/46	
b	2177	1.46gm	n.s.s.	1/84	1.30mg	1/48	6.50mg	2/45	32.5mg	1/43	162.mg	0/46	
c	2177	1.82gm	n.s.s.	3/84	1.30mg	0/48	6.50mg	1/45	32.5mg	0/43	162.mg	0/46	
d	2177	39.1mg	n.s.s.	28/84	1.30mg	17/48	6.50mg	17/45	32.5mg	18/43	(162.mg	5/46)	
2836	2177	8.85mg	n.s.s.	4/94	1.20mg	0/44	6.00mg	0/48	30.0mg	0/46	150.mg	0/45	
a	2177	150.mg	n.s.s.	2/94	1.20mg	3/44	6.00mg	5/48	30.0mg	1/46	(150.mg	0/45)	
b	2177	718.mg	n.s.s.	9/94	1.20mg	1/44	6.00mg	7/48	30.0mg	3/46	150.mg	3/45	
c	2177	754.mg	n.s.s.	1/94	1.20mg	1/44	6.00mg	4/48	30.0mg	3/46	150.mg	1/45	
d	2177	1.12gm	n.s.s.	5/94	1.20mg	3/44	6.00mg	3/48	30.0mg	6/46	150.mg	0/45	
e	2177	42.6mg	n.s.s.	27/94	1.20mg	13/44	6.00mg	21/48	30.0mg	16/46	(150.mg	5/45)	
2837	1963	67.5mg	n.s.s.	19/49	26.1mg	24/47	52.1mg	18/41					Cabral;clet,49,13-18;1990/pers.comm.
a	1963	555.mg	n.s.s.	2/49	26.1mg	0/47	52.1mg	1/41					
b	1963	193.mg	n.s.s.	2/49	26.1mg	0/47	52.1mg	0/41					
c	1963	62.6mg	n.s.s.	22/49	26.1mg	27/47	52.1mg	20/41					
2838	1963	125.mg	n.s.s.	4/48	26.1mg	5/47	52.1mg	10/48					
a	1963	93.6mg	n.s.s.	15/48	26.1mg	17/47	52.1mg	17/48					
b	1963	385.mg	n.s.s.	2/48	26.1mg	3/47	52.1mg	1/48					
c	1963	88.7mg	n.s.s.	25/48	26.1mg	22/47	52.1mg	24/48					
2839	1650m	.882mg	n.s.s.	0/102	50.0ug	1/51	.250mg	3/51	(1.25mg	1/51	12.5mg	0/48)	Parker;jtxe,13,83-97;1984
a	1650m	14.0mg	n.s.s.	25/102	50.0ug	16/51	.250mg	18/51	1.25mg	21/51	12.5mg	20/48	
b	1650m	15.8mg	n.s.s.	25/102	50.0ug	18/51	.250mg	18/51	1.25mg	19/51	12.5mg	19/48	
c	1650m	26.2mg	n.s.s.	18/102	50.0ug	9/51	.250mg	11/51	1.25mg	9/51	12.5mg	11/48	
2840	1650n	60.6mg	n.s.s.	16/50	50.0mg	20/49							
a	1650n	505.mg	n.s.s.	1/50	50.0mg	0/49							
b	1650n	179.mg	n.s.s.	10/50	50.0mg	7/49							
2841	1650m	2.18mg	38.3mg	0/103	40.0ug	1/51	.200mg	3/51	1.00mg	5/51	(10.0mg	0/51)	
2842	1650n	101.mg	6.25gm	0/50	40.0mg	5/51							

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
FERRIC CHLORIDE 7705-08-0											
2843	2090	3.10gm	n.s.s.	2/50	133.mg	0/49	265.mg	1/48		Sato;fctx,30,837-842;1992	
a	2090	132.mg	n.s.s.	40/50	133.mg	39/49	265.mg	42/48			
2844	2090	1.23gm	n.s.s.	2/50	116.mg	2/48	232.mg	3/49			
a	2090	21.1mg	n.s.s.	50/50	116.mg	47/48	232.mg	49/49			
FERRIC CITRATE TETRAHYDRATE 2338-05-8											
2845	2200	1.69gm	n.s.s.	0/47	115.mg	0/47	230.mg	1/48		Inai;fctx,32,493-498;1994/pers.comm.	
a	2200	1.69gm	n.s.s.	0/47	115.mg	0/47	230.mg	1/48			
b	2200	2.22gm	n.s.s.	1/47	115.mg	1/47	230.mg	0/48			
c	2200	1.53gm	n.s.s.	1/47	115.mg	1/47	230.mg	1/48			
d	2200	375.mg	n.s.s.	20/47	115.mg	18/47	230.mg	19/48			
2846	2200	658.mg	n.s.s.	5/28	96.0mg	6/38	192.mg	3/35			
a	2200	763.mg	n.s.s.	8/28	96.0mg	8/38	192.mg	3/35			
b	2200	819.mg	n.s.s.	0/28	96.0mg	2/38	192.mg	0/35			
c	2200	1.09gm	n.s.s.	3/28	96.0mg	4/38	192.mg	0/35			
d	2200	1.39gm	n.s.s.	3/28	96.0mg	2/38	192.mg	0/35			
e	2200	530.mg	n.s.s.	16/28	96.0mg	16/38	192.mg	9/35			
FERRIC DIMETHYLDITHIOCARBAMATE (ferbam) 14484-64-1											
2847	1209	8.21mg	n.s.s.	0/17	4.39mg	0/17				Innes;ntis,1968/1969	
a	1209	8.21mg	n.s.s.	1/17	4.39mg	0/17					
b	1209	5.43mg	n.s.s.	2/17	4.39mg	1/17					
2848	1209	2.34mg	n.s.s.	2/18	4.08mg	4/18					
a	1209	4.82mg	n.s.s.	1/18	4.08mg	1/18					
b	1209	2.54mg	n.s.s.	3/18	4.08mg	4/18					
2849	1209	4.05mg	n.s.s.	0/16	4.39mg	1/16					
a	1209	7.73mg	n.s.s.	0/16	4.39mg	0/16					
b	1209	2.95mg	n.s.s.	0/16	4.39mg	2/16					
2850	1209	1.91mg	n.s.s.	0/16	4.08mg	4/17					
a	1209	2.93mg	n.s.s.	0/16	4.08mg	2/17					
b	1209	1.20mg	10.8mg	0/16	4.08mg	7/17					
FINASTERIDE 98319-26-7											
2851	2206	180.mg	687.mg	1/100	2.50mg	0/50	25.0mg	0/50	250.mg	16/50	Prahalada;faat,22,211-219;1994
FLECAINIDE ACETATE (2,5-bis(2,2,2-trifluoroethoxyl)-N-(2-piperidylmethyl)benzamide acetate) 54143-56-5											
2852	1649n	136.mg	n.s.s.	5/69	15.0mg	5/69	30.0mg	7/68	60.0mg	6/67	Case;txap,73,232-242;1984
a	1649n	68.0mg	n.s.s.	1/69	15.0mg	0/69	30.0mg	0/68	60.0mg	0/67	
2853	1649n	165.mg	n.s.s.	10/67	15.0mg	7/69	30.0mg	7/69	60.0mg	7/60	
a	1649n	269.mg	n.s.s.	10/67	15.0mg	4/69	30.0mg	5/69	60.0mg	4/60	
b	1649n	584.mg	n.s.s.	2/67	15.0mg	0/69	30.0mg	1/69	60.0mg	0/60	
2854	1649m	820.mg	n.s.s.	2/49	15.0mg	0/50	30.0mg	1/50	60.0mg	0/50	
2855	1649m	40.8mg	561.mg	19/50	15.0mg	16/50	30.0mg	23/50	60.0mg	32/50	
a	1649m	583.mg	n.s.s.	0/50	15.0mg	0/50	30.0mg	0/50	60.0mg	1/50	
FLUCONAZOLE 86386-73-4											
2856	2199	37.9mg	n.s.s.	1/100	2.50mg	3/50	5.00mg	3/50	10.0mg	2/50	Paulus;tcam,14,251-257;1994/pers.comm.
a	2199	104.mg	n.s.s.	0/100	2.50mg	1/50	5.00mg	0/50	10.0mg	0/50	
b	2199	16.3mg	n.s.s.	48/100	2.50mg	24/50	5.00mg	25/50	10.0mg	23/50	
2857	2199	19.4mg	n.s.s.	30/100	2.50mg	16/50	5.00mg	11/50	10.0mg	18/50	
a	2199	40.4mg	n.s.s.	15/100	2.50mg	3/50	5.00mg	6/50	10.0mg	7/50	
b	2199	10.3mg	n.s.s.	66/100	2.50mg	33/50	5.00mg	31/50	10.0mg	34/50	
2858	2199	73.2mg	n.s.s.	0/99	2.50mg	1/50	5.00mg	0/50	10.0mg	1/50	
a	2199	68.6mg	n.s.s.	2/99	2.50mg	0/50	5.00mg	1/50	10.0mg	2/50	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
b	2199	14.7mg	n.s.s.	0/99	2.50mg	0/50	5.00mg	0/50	10.0mg	0/50		
c	2199	25.0mg	n.s.s.	29/99	2.50mg	15/50	5.00mg	11/50	10.0mg	15/50		
d	2199	53.5mg	n.s.s.	29/99	2.50mg	16/50	5.00mg	9/50	10.0mg	8/50		
e	2199	32.4mg	n.s.s.	50/99	2.50mg	25/50	5.00mg	17/50	10.0mg	19/50		
f	2199	6.24mg	n.s.s.	87/99	2.50mg	44/50	5.00mg	41/50	10.0mg	44/50		
2859	2199	32.8mg	n.s.s.	2/100	2.50mg	0/50	5.00mg	4/50	10.0mg	5/50		
a	2199	132.mg	n.s.s.	4/100	2.50mg	3/50	5.00mg	0/50	10.0mg	0/50		
b	2199	14.7mg	n.s.s.	0/100	2.50mg	0/50	5.00mg	0/50	10.0mg	0/50		
c	2199	16.5mg	n.s.s.	72/100	2.50mg	37/50	5.00mg	34/50	10.0mg	31/50		
FLUOMETURON 2164-17-2												
2860	TR195	127.mg	n.s.s.	9/25	64.4mg	15/50	129.mg	23/50				
a	TR195	324.mg	n.s.s.	1/25	64.4mg	3/50	129.mg	4/50			liv:hpa,hpc,nnd.	
b	TR195	636.mg	n.s.s.	1/25	64.4mg	2/50	129.mg	1/50			lun:a/a,a/c.	
2861	TR195	103.mg	n.s.s.	4/25	59.4mg	13/50	118.mg	21/50			liv:hpa,hpc.	
a	TR195	80.2mg	n.s.s.	9/25	59.4mg	27/50	118.mg	29/50				
b	TR195	103.mg	n.s.s.	4/25	59.4mg	13/50	118.mg	21/50			liv:hpa,hpc,nnd.	
c	TR195	262.mg	n.s.s.	2/25	59.4mg	4/50	118.mg	6/50			lun:a/a,a/c.	
2862	TR195	16.0mg	n.s.s.	45/50	6.10mg	41/50	12.4mg	42/50				
a	TR195	77.6mg	n.s.s.	3/50	6.10mg	3/50	12.4mg	1/50			liv:hpa,hpc,nnd.	
2863	TR195	21.1mg	n.s.s.	0/50	5.00mg	1/50	9.90mg	4/50				S
a	TR195	9.84mg	n.s.s.	30/50	5.00mg	24/50	9.90mg	35/50				
b	TR195	21.1mg	n.s.s.	0/50	5.00mg	1/50	9.90mg	4/50			liv:hpa,hpc,nnd.	
N-(2-FLUORENYL)-2,2,2-TRIFLUOROACETAMIDE 363-17-7												
2864	144	.800mg	3.71mg	0/18	13.2mg	14/18					Morris;jnci,24,149-180;1960	
a	144	.940mg	4.44mg	0/18	13.2mg	13/18						
b	144	2.11mg	18.4mg	0/18	13.2mg	7/18						
FLUORIDE, SODIUM 7681-49-4												
2865	TR393	38.0mg	n.s.s.	72/80	4.90mg	41/52	19.6mg	37/50	34.3mg	61/80		
a	TR393	59.1mg	n.s.s.	55/80	4.90mg	33/52	19.6mg	26/50	34.3mg	41/80	liv:hpa,hpc,nnd.	
b	TR393	138.mg	n.s.s.	8/80	4.90mg	6/52	19.6mg	4/50	34.3mg	7/80	lun:a/a,a/c.	
2866	TR393	33.2mg	n.s.s.	71/79	4.08mg	45/50	16.3mg	43/51	28.6mg	69/80		
a	TR393	36.2mg	n.s.s.	62/79	4.08mg	39/50	16.3mg	37/51	28.6mg	61/80	liv:hpa,hpc,nnd.	
b	TR393	96.2mg	n.s.s.	23/79	4.08mg	13/50	16.3mg	13/51	28.6mg	18/80	lun:a/a,a/c.	
2867	1036	11.0mg	n.s.s.	15/71	1.75mg	12/72					Kanisawa;canr,29,892-895;1969	
a	1036	15.3mg	n.s.s.	4/71	1.75mg	4/72						
b	1036	7.10mg	n.s.s.	24/71	1.75mg	22/72						
c	1036	17.4mg	n.s.s.	8/71	1.75mg	5/72						
2868	1652	276.mg	n.s.s.	37/50	117.mg	20/48					Tannenbaum;canr,9,403-410;1949	
2869	TR393	7.56mg	n.s.s.	73/80	1.41mg	41/50	5.63mg	48/50	9.86mg	71/81		
a	TR393	83.0mg	n.s.s.	2/80	1.41mg	0/50	5.63mg	1/50	9.86mg	1/81	liv:hpa,hpc,nnd.	
2870	TR393	30.6mg	2.86gm	0/80	1.23mg	0/51	4.92mg	1/49	8.63mg	4/80	cyx:ost; hum:ost; sub:ost; ver:ost.	S
a	TR393	36.4mg	n.s.s.	0/80	1.23mg	0/51	4.92mg	1/49	8.63mg	3/80	cyx:ost; hum:ost; ver:ost.	
b	TR393	6.37mg	n.s.s.	71/80	1.23mg	48/51	4.92mg	42/49	8.63mg	74/80		
c	TR393	53.0mg	n.s.s.	1/80	1.23mg	1/51	4.92mg	1/49	8.63mg	1/80	liv:hpa,hpc,nnd.	
4'-FLUORO-4-AMINODIPHENYL 324-93-6												
2871	1165	.663mg	1.96mg	0/18	1.30mg	25/40					Clayson;bjca,19,297-310;1965/Williams	1962
2872	1165	.601mg	8.97mg	2/15	1.19mg	18/32						
a	1165	.601mg	8.97mg	2/15	1.19mg	18/32						
N-4-(4'-FLUOROBIPHENYL)ACETAMIDE 398-32-3												
2873	1150	.392mg	2.58mg	0/15	16.0mg	14/15					Hinton;bect,23,464-469;1979	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
2-FLUOROETHYL-NITROSOUREA 69112-98-7											
2874	1915	42.8ug	n.s.s.	0/12	74.2ug	4/12				Lijinsky;txih,5,925-935;1989	
a	1915	68.3ug	n.s.s.	0/12	74.2ug	2/12					
b	1915	.184mg	n.s.s.	1/12	74.2ug	0/12					
5-FLUOROURACIL (fluracil) 51-21-8											
2875	2366	42.4mg	n.s.s.	2/51	5.72mg	1/52	11.4mg	3/51		Iwagawa;jtxp,4,129-135;1991	
a	2366	59.2mg	n.s.s.	2/51	5.72mg	2/52	11.4mg	1/51			
b	2366	27.8mg	n.s.s.	1/51	5.72mg	0/52	11.4mg	0/51			
c	2366	87.7mg	n.s.s.	1/51	5.72mg	1/52	11.4mg	0/51			
2876	2366	18.8mg	n.s.s.	2/51	4.77mg	1/50	9.53mg	8/52			
a	2366	13.4mg	n.s.s.	3/51	4.77mg	8/50	9.53mg	8/52			
b	2366	17.1mg	n.s.s.	11/51	4.77mg	10/50	9.53mg	11/52			
c	2366	31.1mg	n.s.s.	6/51	4.77mg	1/50	9.53mg	6/52			
d	2366	50.3mg	n.s.s.	1/51	4.77mg	1/50	9.53mg	1/52			
2877	1964	1.46mg	11.2mg	6/50	2.46mg	21/50				Cavaliere;tumo,76,179-181;1990	
a	1964	2.43mg	n.s.s.	9/50	2.46mg	15/50					
b	1964	9.52mg	n.s.s.	0/50	2.46mg	1/50					
c	1964	1.09mg	14.2mg	14/50	2.46mg	29/50					
2878	1964	1.42mg	n.s.s.	12/50	2.46mg	24/50					
a	1964	1.28mg	69.1mg	13/50	2.46mg	26/50					
2879	1017	5.65mg	n.s.s.	0/65	2.36mg	1/22				Schmahl;arzn,20,1461-1467;1970	
a	1017	3.65mg	n.s.s.	3/65	2.36mg	3/22					
b	1017	3.37mg	n.s.s.	7/65	2.36mg	4/22					
c	1017	6.96mg	n.s.s.	4/65	2.36mg	1/22					
2880	2635	17.6mg	606.mg	0/49	3.32mg	5/48	6.69mg	5/49		Toyoda;fctx,38,187-193;2000/pers.comm.	
a	2635	8.52mg	n.s.s.	10/49	3.32mg	21/48	6.69mg	16/49			
b	2635	39.2mg	n.s.s.	3/49	3.32mg	2/48	6.69mg	3/49			
c	2635	3.21mg	n.s.s.	35/49	3.32mg	41/48	6.69mg	40/49			
2881	2635	14.4mg	n.s.s.	4/50	2.90mg	4/49	5.86mg	10/49			
a	2635	61.4mg	n.s.s.	1/50	2.90mg	0/49	5.86mg	1/49			
b	2635	n.s.s.	n.s.s.	49/50	2.90mg	49/49	5.86mg	49/49			
FLUOXETINE.HCl (prozac) 59333-67-4											
2882	2045m	86.9mg	n.s.s.	2/59	1.30mg	2/59	5.20mg	2/60	13.0mg	2/60	Bendele;canr,52,6931-6935;1992/pers.comm.
a	2045m	101.mg	n.s.s.	2/59	1.30mg	2/59	5.20mg	3/60	13.0mg	1/60	
2883	2045n	54.9mg	n.s.s.	4/59	1.30mg	1/60	5.20mg	3/61	13.0mg	5/59	
a	2045n	157.mg	n.s.s.	3/59	1.30mg	3/60	5.20mg	0/61	13.0mg	1/59	
2884	2045m	7.34mg	n.s.s.	9/60	1.20mg	11/60	4.80mg	17/60	(12.0mg	3/59)	
a	2045m	51.1mg	n.s.s.	16/60	1.20mg	12/60	4.80mg	17/60	12.0mg	9/59	
2885	2045n	10.2mg	n.s.s.	5/60	1.20mg	10/60	4.80mg	10/59	(12.0mg	2/61)	
a	2045n	66.9mg	n.s.s.	16/60	1.20mg	11/60	4.80mg	11/59	12.0mg	8/61	
2886	2045m	4.86mg	n.s.s.	1/60	.500mg	0/60	2.25mg	0/60	10.0mg	0/60	
2887	2045m	50.9mg	n.s.s.	0/60	.400mg	0/60	1.80mg	0/60	8.00mg	2/60	
FLUVASTATIN 93957-54-1											
2888	2166	225.mg	n.s.s.	0/150	6.00mg	0/75	9.00mg	0/75	20.9mg	2/75	Robison;faat,23,9-20;1994
a	2166	225.mg	n.s.s.	0/150	6.00mg	0/75	9.00mg	0/75	20.9mg	2/75	
b	2166	141.mg	n.s.s.	7/150	6.00mg	4/75	9.00mg	3/75	20.9mg	4/75	
2889	2166	61.6mg	655.mg	4/150	6.00mg	4/75	9.00mg	4/75	20.9mg	11/75	
a	2166	97.2mg	n.s.s.	5/150	6.00mg	1/75	9.00mg	2/75	20.9mg	8/75	
b	2166	185.mg	n.s.s.	0/150	6.00mg	0/75	9.00mg	1/75	20.9mg	2/75	
c	2166	226.mg	n.s.s.	0/150	6.00mg	1/75	9.00mg	0/75	20.9mg	1/75	
d	2166	283.mg	n.s.s.	1/150	6.00mg	3/75	9.00mg	0/75	20.9mg	0/75	
e	2166	241.mg	n.s.s.	4/150	6.00mg	2/75	9.00mg	0/75	20.9mg	2/75	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
c	1063	29.7mg	n.s.s.	0/16	73.6mg	5/26					
d	1063	34.6mg	n.s.s.	0/16	73.6mg	4/26					
e	1063	51.5mg	n.s.s.	0/16	73.6mg	2/26					
f	1063	69.6mg	n.s.s.	0/16	73.6mg	1/26					
2924	200a	1.95mg	6.19mg	6/71	31.3mg	49/51				Cohen;jnci,51,403-417;1973	
a	200a	29.6mg	196.mg	0/71	31.3mg	8/51					
b	200a	29.6mg	196.mg	0/71	31.3mg	8/51					
c	200a	47.2mg	3.07gm	0/71	31.3mg	4/51					
d	200a	55.7mg	n.s.s.	0/71	31.3mg	3/51					
e	200a	171.mg	n.s.s.	0/71	31.3mg	0/51					
f	200a	2.02mg	7.04mg	18/71	31.3mg	49/51					
2925	1073	2.49mg	12.8mg	2/29	71.9mg	25/26				Erturk;jnci,47,437-445;1971/1970a	
a	1073	5.42mg	19.5mg	0/29	71.9mg	22/26					
b	1073	10.6mg	41.0mg	0/29	71.9mg	16/26					
c	1073	15.3mg	71.1mg	0/29	71.9mg	12/26					
d	1073	16.8mg	83.4mg	0/29	71.9mg	11/26					
e	1073	20.5mg	123.mg	0/29	71.9mg	9/26					
f	1073	22.8mg	157.mg	0/29	71.9mg	8/26					
g	1073	22.0mg	2.37gm	2/29	71.9mg	9/26					
h	1073	n.s.s.	9.13mg	2/29	71.9mg	26/26					
2926	1073	2.92mg	11.7mg	0/28	57.5mg	24/26					
a	1073	10.2mg	42.6mg	0/28	57.5mg	14/26					
b	1073	17.1mg	92.9mg	0/29	57.5mg	10/29					
c	1073	20.8mg	151.mg	0/29	57.5mg	8/29					
d	1073	20.4mg	177.mg	0/28	57.5mg	7/26					
e	1073	26.4mg	690.mg	0/28	57.5mg	5/26					
f	1073	n.s.s.	6.71mg	0/29	57.5mg	29/29					
1-FORMYL-3-THIOSEMICARBAZIDE 2302-84-3											
2927	1073	151.mg	n.s.s.	0/29	71.9mg	0/27				Erturk;jnci,47,437-445;1971/1970a	
a	1073	38.6mg	n.s.s.	2/29	71.9mg	5/27					
FORMYLHYDRAZINE 624-84-0											
2928	397	19.5mg	64.9mg	15/96	250.mg	47/49				Toth;bjca,37,960-964;1978	
a	397	292.mg	n.s.s.	3/33	250.mg	2/19					
2929	397	n.s.s.	36.9mg	22/92	208.mg	50/50					
a	397	316.mg	n.s.s.	3/69	208.mg	5/43					
FOSETYL Al (aliette) 39148-24-8											
2930	2138	6.04gm	163.gm	1/80	100.mg	1/80	400.mg	1/80	1.51gm	7/80	Quest;rtp,14,3-11;1991/Environmental Protection Agency 1993/pers.comm.
a	2138	7.28gm	65.1gm	0/80	100.mg	0/80	400.mg	0/80	1.51gm	6/80	
b	2138	6.25gm	n.s.s.	0/80	100.mg	3/80	400.mg	0/80	1.51gm	6/80	
c	2138	8.23gm	n.s.s.	0/80	100.mg	1/78	400.mg	0/79	1.51gm	4/80	
d	2138	12.1gm	n.s.s.	1/80	100.mg	1/80	400.mg	1/80	1.51gm	2/80	
e	2138	17.9gm	n.s.s.	0/80	100.mg	0/80	400.mg	0/80	1.51gm	1/80	
f	2138	16.9gm	n.s.s.	0/80	100.mg	2/78	400.mg	0/79	1.51gm	1/80	
2931	2138	2.10gm	8.15gm	3/80	80.0mg	3/78	320.mg	2/79	1.21gm	21/80	
a	2138	2.69gm	12.7gm	2/80	80.0mg	2/78	320.mg	1/79	1.21gm	16/80	
b	2138	5.94gm	n.s.s.	1/80	80.0mg	1/78	320.mg	1/79	1.21gm	5/80	
c	2138	7.40gm	n.s.s.	1/80	80.0mg	3/80	320.mg	0/80	1.21gm	4/80	
d	2138	7.07gm	n.s.s.	1/80	80.0mg	4/80	320.mg	1/80	1.21gm	4/80	
e	2138	19.5gm	n.s.s.	1/80	80.0mg	1/80	320.mg	1/80	1.21gm	0/80	
f	2138	5.89gm	n.s.s.	6/80	80.0mg	5/78	320.mg	10/79	1.21gm	6/80	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc						Citation or Pathology	Brkly Code		
FUMONISIN B1		116355-83-0														
2932	TR496	4.75mg	10.6mg	5/48	.650mg	3/52	1.95mg	1/48	6.50mg	19/48	10.4mg	39/48			liv:hpa,hpc.	
a	TR496	5.79mg	14.6mg	5/48	.650mg	3/52	1.95mg	1/48	6.50mg	16/48	10.4mg	31/48				
b	TR496	14.1mg	46.7mg	0/48	.650mg	0/52	1.95mg	0/48	6.50mg	10/48	10.4mg	9/48				
c	TR496	4.67mg	23.6mg	32/48	.650mg	17/52	1.95mg	22/48	6.50mg	30/48	10.4mg	44/48				
d	TR496	4.75mg	10.6mg	5/48	.650mg	3/52	1.95mg	1/48	6.50mg	19/48	10.4mg	39/48			liv:hpa,hpb,hpc.	
e	TR496	99.6mg	n.s.s.	2/48	.650mg	0/52	1.95mg	0/48	6.50mg	1/48	10.4mg	0/48			lun:a/a,a/c.	
2933	TR496	64.2mg	n.s.s.	1/48	.600mg	0/48	1.80mg	0/48	9.60mg	0/48	18.0mg	5/48			S	
a	TR496	64.1mg	n.s.s.	1/48	.600mg	1/48	1.80mg	0/48	9.60mg	0/48	18.0mg	5/48			hag:ade,car. S	
b	TR496	32.4mg	n.s.s.	37/48	.600mg	19/48	1.80mg	34/48	9.60mg	24/48	18.0mg	27/48				
c	TR496	48.0mg	n.s.s.	12/48	.600mg	9/48	1.80mg	9/48	9.60mg	9/48	18.0mg	10/48			liv:hpa,hpb,hpc.	
d	TR496	68.4mg	n.s.s.	6/48	.600mg	0/48	1.80mg	0/48	9.60mg	0/48	18.0mg	6/48			lun:a/a,a/c.	
2934	TR496	4.12mg	n.s.s.	45/48	.248mg	35/40	.745mg	45/48	2.49mg	43/48	4.97mg	46/48				
a	TR496	35.0mg	n.s.s.	0/48	.248mg	0/40	.745mg	1/48	2.49mg	0/48	4.97mg	0/48			liv:hpa,hpb,hpc.	
2935	TR496	1.75mg	10.2mg	0/48	.199mg	0/40	.596mg	0/48	1.99mg	9/48	(5.96mg)	15/48)			kid:rua,ruc.	
a	TR496	2.17mg	16.7mg	0/48	.199mg	0/40	.596mg	0/48	1.99mg	7/48	(5.96mg)	10/48)				
b	TR496	8.29mg	87.9mg	0/48	.199mg	0/40	.596mg	0/48	1.99mg	2/48	5.96mg	5/48				
c	TR496	5.75mg	n.s.s.	48/48	.199mg	35/40	.596mg	44/48	1.99mg	43/48	5.96mg	43/48				
d	TR496	28.7mg	n.s.s.	0/48	.199mg	3/40	.596mg	3/48	1.99mg	0/48	5.96mg	1/48			liv:hpa,hpb,hpc.	
2936	2018m	.515mg	n.s.s.	0/5	2.00mg	0/5									Gelderblom;carc,12,1247-1251;1991	
2937	2018n	.285mg	n.s.s.	0/5	2.00mg	3/5										
2938	2018o	.534mg	8.70mg	0/5	2.00mg	7/10										
2939	2652	.145mg	n.s.s.	0/20	40.0ug	0/20	.400mg	0/20	1.00mg	0/20					Gelderblom;txcy,161,39-51;2001	
a	2652	1.56mg	n.s.s.	1/20	40.0ug	0/20	.400mg	3/20	1.00mg	2/20						
2-FURALDEHYDE SEMICARBAZONE		2411-74-7														
2940	1120	15.1mg	n.s.s.	2/29	26.8mg	6/30									Erturk;canr,30,1409-1412;1970	
FURAN		110-00-9														
2941	TR402	1.52mg	3.36mg	7/50	5.64mg	34/50	10.6mg	50/50						liv:hpa,hpc.		
a	TR402	1.57mg	3.44mg	5/50	5.64mg	31/50	10.6mg	48/50						S		
b	TR402	1.56mg	3.53mg	9/50	5.64mg	34/50	10.6mg	50/50						amd:pob; liv:hpa,hpc. C		
c	TR402	4.20mg	12.4mg	2/50	5.64mg	7/50	10.6mg	27/50						liv:car,hpc. S		
d	TR402	8.90mg	n.s.s.	2/50	5.64mg	6/50	10.6mg	3/50						S		
e	TR402	12.6mg	n.s.s.	2/50	5.64mg	1/50	10.6mg	6/50								
f	TR402	1.65mg	6.99mg	43/50	5.64mg	43/50	10.6mg	50/50								
g	TR402	1.52mg	3.36mg	7/50	5.64mg	34/50	10.6mg	50/50						liv:hpa,hpc,nnd.		
h	TR402	11.3mg	n.s.s.	4/50	5.64mg	6/50	10.6mg	4/50						lun:a/a,a/c.		
2942	TR402	2.17mg	8.50mg	26/50	5.65mg	44/50	10.6mg	50/50						liv:hpa,hpc.		
a	TR402	2.17mg	8.50mg	26/50	5.65mg	44/50	10.6mg	50/50						amd:pob; liv:hpa,hpc. C		
b	TR402	2.40mg	9.61mg	20/50	5.65mg	33/50	10.6mg	42/50						S		
c	TR402	3.37mg	9.50mg	7/50	5.65mg	32/50	10.6mg	34/50						S		
d	TR402	10.3mg	72.7mg	1/50	5.65mg	6/50	10.6mg	10/50								
e	TR402	4.46mg	n.s.s.	5/50	5.65mg	12/50	(10.6mg	1/50)						mul:mlh,mlm. S		
f	TR402	7.89mg	n.s.s.	9/50	5.65mg	7/50	10.6mg	16/50						S		
g	TR402	21.4mg	n.s.s.	0/50	5.65mg	1/50	10.6mg	3/50						S		
h	TR402	2.65mg	106.mg	43/50	5.65mg	45/50	10.6mg	50/50								
i	TR402	2.17mg	8.50mg	26/50	5.65mg	44/50	10.6mg	50/50						liv:hpa,hpc,nnd.		
j	TR402	8.12mg	n.s.s.	12/50	5.65mg	9/50	10.6mg	16/50						lun:a/a,a/c.		
2943	TR402	.273mg	.598mg	0/50	1.40mg	49/50	(2.81mg	50/50	5.64mg	48/50)						
a	TR402	.342mg	1.04mg	8/50	1.40mg	49/50	(2.81mg	50/50	5.64mg	50/50)						liv:clc,hpa,hpc; mul:mn1. C
b	TR402	3.31mg	18.0mg	8/50	1.40mg	9/50	2.81mg	17/50	5.64mg	21/50						
c	TR402	6.00mg	28.1mg	0/50	1.40mg	2/50	2.81mg	4/50	5.64mg	8/50						liv:hpa,hpc.
d	TR402	6.20mg	32.8mg	0/50	1.40mg	2/50	2.81mg	4/50	5.64mg	7/50						S
e	TR402	15.4mg	n.s.s.	0/50	1.40mg	0/50	2.81mg	0/50	5.64mg	3/50						S
f	TR402	1.38mg	67.0mg	45/50	1.40mg	50/50	2.81mg	50/50	5.64mg	50/50						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
g	TR402	6.00mg	28.1mg	0/50	1.40mg	2/50	2.81mg	4/50	5.64mg	8/50		liv:hpa,hpc,nd.
2944	TR402	.268mg	.620mg	0/50	1.41mg	43/50	(2.82mg	48/50	5.64mg	49/50)		
a	TR402	.323mg	1.06mg	8/50	1.41mg	44/50	(2.82mg	48/50	5.64mg	49/50)	liv:clc,hpa,hpc; mul:mn1.	C
b	TR402	1.65mg	3.45mg	1/50	1.41mg	5/50	2.82mg	22/50	5.64mg	35/50	liv:hpa,hpc.	S
c	TR402	2.13mg	4.94mg	1/50	1.41mg	4/50	2.82mg	18/50	5.64mg	27/50		S
d	TR402	2.71mg	12.3mg	8/50	1.41mg	11/50	2.82mg	17/50	5.64mg	25/50		S
e	TR402	3.79mg	10.9mg	0/50	1.41mg	1/50	2.82mg	6/50	5.64mg	18/50		S
f	TR402	1.42mg	n.s.s.	45/50	1.41mg	38/50	2.82mg	40/50	5.64mg	45/50	tes:ica,ica.	S
g	TR402	4.99mg	n.s.s.	8/50	1.41mg	4/50	2.82mg	9/50	5.64mg	10/50		S
h	TR402	7.84mg	n.s.s.	0/50	1.41mg	3/50	2.82mg	5/50	5.64mg	2/50		S
i	TR402	8.52mg	n.s.s.	0/50	1.41mg	3/50	2.82mg	4/50	5.64mg	3/50		S
j	TR402	8.50mg	n.s.s.	1/50	1.41mg	2/50	2.82mg	4/50	5.64mg	4/50	pre:ade,anb.	S
k	TR402	1.11mg	6.22mg	31/50	1.41mg	45/50	2.82mg	48/50	5.64mg	49/50		
l	TR402	1.65mg	3.45mg	1/50	1.41mg	5/50	2.82mg	22/50	5.64mg	35/50	liv:hpa,hpc,nd.	
FURFURAL 98-01-1												
2945	1078	92.4mg	n.s.s.	0/6	123.mg	0/6					Feron;txcy,11,127-144;1978	
a	1078	216.mg	n.s.s.	0/14	123.mg	0/14						
2946	1078	81.3mg	n.s.s.	0/6	108.mg	0/6						
a	1078	203.mg	n.s.s.	0/15	108.mg	0/15						
2947	TR382	177.mg	26.3gm	1/50	35.1mg	3/50	70.5mg	5/50	123.mg	8/50		
a	TR382	160.mg	n.s.s.	5/50	35.1mg	3/50	70.5mg	7/50	123.mg	12/50	liv:hpa,hpc.	S
b	TR382	355.mg	n.s.s.	1/50	35.1mg	0/50	70.5mg	1/50	123.mg	6/50		
c	TR382	118.mg	n.s.s.	33/50	35.1mg	26/50	70.5mg	24/50	123.mg	31/50		
d	TR382	160.mg	n.s.s.	5/50	35.1mg	3/50	70.5mg	7/50	123.mg	12/50	liv:hpa,hpc,nd.	
e	TR382	585.mg	n.s.s.	5/50	35.1mg	2/50	70.5mg	1/50	123.mg	3/50	lun:a/a,a/c.	
2948	TR382	65.9mg	3.47gm	16/50	35.1mg	22/50	70.7mg	17/50	123.mg	32/50	liv:hpa,hpc.	
a	TR382	107.mg	3.10gm	7/50	35.1mg	12/50	70.7mg	6/50	123.mg	21/50		
b	TR382	75.6mg	n.s.s.	5/50	35.1mg	7/50	70.7mg	13/50	(123.mg	3/50)	sub: fbs, fib, sar.	S
c	TR382	86.4mg	n.s.s.	3/50	35.1mg	6/50	70.7mg	11/50	(123.mg	2/50)	sub: fbs, sar.	S
d	TR382	80.9mg	n.s.s.	5/50	35.1mg	7/50	70.7mg	12/50	(123.mg	3/50)	sub: fbs, fib.	S
e	TR382	91.8mg	n.s.s.	9/50	35.1mg	13/50	70.7mg	11/50	123.mg	19/50		
f	TR382	93.6mg	n.s.s.	3/50	35.1mg	6/50	70.7mg	10/50	(123.mg	2/50)		S
g	TR382	425.mg	n.s.s.	0/50	35.1mg	1/50	70.7mg	1/50	123.mg	1/50	kcx:ade,car.	
h	TR382	52.4mg	n.s.s.	38/50	35.1mg	41/50	70.7mg	42/50	123.mg	42/50		
i	TR382	65.9mg	3.47gm	16/50	35.1mg	22/50	70.7mg	17/50	123.mg	32/50	liv:hpa,hpc,nd.	
j	TR382	166.mg	n.s.s.	10/50	35.1mg	8/50	70.7mg	5/50	123.mg	13/50	lun:a/a,a/c.	
2949	TR382	20.4mg	n.s.s.	43/50	21.1mg	44/50	42.4mg	33/50				
a	TR382	n.s.s.	n.s.s.	0/50	21.1mg	0/50	42.4mg	0/50			liv:hpa,hpc,nd.	
2950	TR382	162.mg	n.s.s.	0/50	21.1mg	0/50	42.3mg	2/50				
a	TR382	20.9mg	n.s.s.	43/50	21.1mg	39/50	42.3mg	40/50				
b	TR382	345.mg	n.s.s.	1/50	21.1mg	0/50	42.3mg	0/50			liv:hpa,hpc,nd.	
FURFURYL ALCOHOL 98-00-0												
2951	TR482	48.8mg	n.s.s.	36/50	2.52mg	37/50	10.1mg	39/50	40.3mg	36/50		
a	TR482	113.mg	n.s.s.	14/50	2.52mg	19/50	10.1mg	12/50	40.3mg	12/50	liv:hpa,hpb,hpc.	
b	TR482	12.5mg	n.s.s.	6/50	2.52mg	8/50	10.1mg	11/50	(40.3mg	1/50)	lun:a/a,a/c.	
2952	TR482	91.0mg	2.22gm	0/50	2.10mg	0/50	8.41mg	0/50	33.6mg	4/50	kid:rua,ruc.	
a	TR482	132.mg	n.s.s.	0/50	2.10mg	0/50	8.41mg	0/50	33.6mg	2/50		S
b	TR482	132.mg	n.s.s.	0/50	2.10mg	0/50	8.41mg	0/50	33.6mg	2/50		S
c	TR482	39.5mg	n.s.s.	42/50	2.10mg	44/50	8.41mg	41/50	33.6mg	39/50		
d	TR482	70.7mg	n.s.s.	28/50	2.10mg	27/50	8.41mg	23/50	33.6mg	22/50	liv:hpa,hpb,hpc.	
e	TR482	51.0mg	n.s.s.	20/50	2.10mg	23/50	8.41mg	17/50	33.6mg	20/50	lun:a/a,a/c.	
2953	TR482	110.mg	1.30gm	0/50	2.10mg	0/50	8.41mg	0/50	33.6mg	5/50	kid:rua,ruc.	
a	TR482	149.mg	48.0gm	0/50	2.10mg	0/50	8.41mg	0/50	33.6mg	3/50		S
b	TR482	183.mg	n.s.s.	0/50	2.10mg	0/50	8.41mg	0/50	33.6mg	2/50		S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
2954	TR482	4.44mg	662.mg	21/50	.600mg	19/50	2.40mg	18/50	9.60mg	29/50	
a	TR482	9.68mg	n.s.s.	7/50	.600mg	2/50	2.40mg	4/50	9.60mg	9/50	cli:ade,anb,car,cnb. S
b	TR482	12.0mg	n.s.s.	4/50	.600mg	2/50	2.40mg	2/50	9.60mg	7/50	cli:ade,anb. S
c	TR482	27.7mg	n.s.s.	0/50	.600mg	0/50	2.40mg	0/50	9.60mg	2/50	S
d	TR482	24.4mg	n.s.s.	0/50	.600mg	1/50	2.40mg	0/50	9.60mg	2/50	kid:rua,ruc.
e	TR482	26.1mg	n.s.s.	0/50	.600mg	0/50	2.40mg	0/50	9.60mg	1/50	
f	TR482	58.8mg	n.s.s.	0/50	.600mg	1/50	2.40mg	0/50	9.60mg	0/50	
g	TR482	63.3mg	n.s.s.	0/50	.600mg	0/50	2.40mg	1/50	9.60mg	0/50	
h	TR482	2.70mg	n.s.s.	49/50	.600mg	50/50	2.40mg	49/50	9.60mg	50/50	
i	TR482	50.2mg	n.s.s.	1/50	.600mg	0/50	2.40mg	0/50	9.60mg	0/50	liv:hpa,hpb,hpc.
2955	TR482	37.3mg	n.s.s.	0/50	.600mg	0/50	2.40mg	2/50	9.60mg	2/50	
a	TR482	35.4mg	n.s.s.	0/50	.600mg	1/50	2.40mg	2/50	9.60mg	2/50	kid:rua,ruc.
b	TR482	107.mg	n.s.s.	0/50	.600mg	1/50	2.40mg	0/50	9.60mg	0/50	
2956	TR482	2.19mg	199.mg	0/50	.420mg	1/50	1.68mg	1/50	6.73mg	4/50	nlw:ade; nre:ade,car,sql. S
a	TR482	13.8mg	846.mg	0/50	.420mg	0/50	1.68mg	0/50	6.73mg	3/50	S
b	TR482	2.58mg	n.s.s.	1/50	.420mg	0/50	1.68mg	1/50	6.73mg	3/50	zym:ade,car. S
c	TR482	.655mg	9.20mg	50/50	.420mg	49/50	1.68mg	49/50	6.73mg	47/50	
d	TR482	25.8mg	n.s.s.	1/50	.420mg	1/50	1.68mg	0/50	6.73mg	0/50	liv:hpa,hpb,hpc.
FUROSEMIDE 54-31-9											
2957	TR356	310.mg	4.35gm	0/50	89.3mg	2/50	180.mg	5/50			mg1:acc,mtm. S
a	TR356	337.mg	5.57gm	0/50	89.3mg	1/50	180.mg	5/50			S
b	TR356	292.mg	n.s.s.	0/50	89.3mg	4/50	180.mg	3/50			
c	TR356	62.7mg	n.s.s.	34/50	89.3mg	35/50	180.mg	39/50			
d	TR356	380.mg	n.s.s.	6/50	89.3mg	4/50	180.mg	5/50			liv:hpa,hpc,nnd.
e	TR356	416.mg	n.s.s.	3/50	89.3mg	2/50	180.mg	3/50			lun:a/a,a/c.
2958	TR356	89.7mg	n.s.s.	33/50	82.4mg	34/50	166.mg	34/50			
a	TR356	133.mg	n.s.s.	15/50	82.4mg	16/50	166.mg	20/50			liv:hpa,hpc,nnd.
b	TR356	471.mg	n.s.s.	5/50	82.4mg	3/50	166.mg	4/50			lun:a/a,a/c.
2959	TR356	22.2mg	296.mg	4/50	17.2mg	7/50	34.5mg	11/50			thy:cca,ccr. S
a	TR356	23.6mg	375.mg	4/50	17.2mg	6/50	34.5mg	11/50			S
b	TR356	8.91mg	n.s.s.	48/50	17.2mg	45/50	34.5mg	46/50			
c	TR356	n.s.s.	n.s.s.	0/50	17.2mg	0/50	34.5mg	0/50			liv:hpa,hpc,nnd.
2960	TR356	10.0mg	n.s.s.	4/50	13.7mg	11/50	(27.7mg	8/50)			S
a	TR356	48.3mg	n.s.s.	1/50	13.7mg	4/50	27.7mg	2/50			kid:tla,uac.
b	TR356	n.s.s.	n.s.s.	0/50	13.7mg	3/50	27.7mg	0/50			
c	TR356	15.6mg	n.s.s.	47/50	13.7mg	44/50	27.7mg	46/50			
d	TR356	n.s.s.	n.s.s.	0/50	13.7mg	0/50	27.7mg	0/50			liv:hpa,hpc,nnd.
2961	TR356	76.9mg	n.s.s.	3/50	13.7mg	5/50	27.7mg	6/50			kid:tla,uac.
FUSARENON-X 23255-69-8											
2962	1748m	.319mg	n.s.s.	1/19	.100mg	0/22	.210mg	0/25			Saito;jjem,50,293-302;1980/Ohtsubo pers.comm.
a	1748m	.684mg	n.s.s.	4/19	.100mg	3/22	.210mg	2/25			
2963	1748n	.218mg	n.s.s.	0/23	.100mg	0/24	.105mg	0/18			
a	1748n	.464mg	n.s.s.	4/23	.100mg	2/24	.105mg	1/18			
GALLIC ACID 149-91-7											
2964	2098	412.mg	n.s.s.	0/10	800.mg	0/10					Shibata;carc,14,275-280;1993
2965	2134	1.10gm	n.s.s.	0/19	800.mg	0/20					Ito;anti,183-194;1990/pers.comm.
a	2134	1.10gm	n.s.s.	0/19	800.mg	0/20					
GEMCADIOL (2,2,9,9-tetramethyl-1,10-decanediol) 35449-36-6											
2966	1768	186.mg	n.s.s.	0/10	30.0mg	1/10	150.mg	0/10	300.mg	0/10	Fitzgerald;faat,6,520-531;1986
2967	1768	185.mg	n.s.s.	0/10	30.0mg	2/10	150.mg	0/10	300.mg	0/10	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
GEMFIBROZIL 25812-30-0											
2968	1518n	922.mg	n.s.s.	4/72	30.0mg	1/72	300.mg	4/72		Fitzgerald;jnci,67,1105-1115;1981/pers.comm.	
	a	1518n	606.mg	n.s.s.	9/72	30.0mg	10/72	300.mg	10/72		
	b	1518n	309.mg	n.s.s.	21/72	30.0mg	23/72	300.mg	25/72		
2969	1518n	350.mg	n.s.s.	16/72	30.0mg	17/72	300.mg	20/72			
	a	1518n	893.mg	n.s.s.	23/72	30.0mg	17/72	300.mg	13/72		
	b	1518n	237.mg	n.s.s.	47/72	30.0mg	46/72	300.mg	45/72		
2970	1518m	124.mg	n.s.s.	0/50	30.0mg	2/50	(300.mg	0/50)			
	a	1518m	224.mg	n.s.s.	47/50	30.0mg	50/50	300.mg	44/50		
2971	1518m	39.5mg	974.mg	3/50	30.0mg	13/50	(300.mg	9/50)			
	a	1518m	65.6mg	1.00gm	0/50	30.0mg	6/50	(300.mg	2/50)		
	b	1518m	268.mg	1.61gm	1/50	30.0mg	8/50	300.mg	17/50		
	c	1518m	85.1mg	n.s.s.	0/50	30.0mg	4/50	(300.mg	5/50)		
	d	1518m	80.4mg	n.s.s.	35/50	30.0mg	39/50	300.mg	45/50		
	e	1518m	65.4mg	n.s.s.	41/50	30.0mg	44/50	300.mg	47/50		
GENTIAN VIOLET 548-62-9											
2972	1680m	10.7mg	n.s.s.	0/48	13.0mg	0/24	39.0mg	0/24	78.0mg	0/24	Littlefield;faat,5,902-912;1985
2973	1680n	51.5mg	734.mg	3/47	13.0mg	0/22	39.0mg	3/24	78.0mg	8/24	
	a	1680n	103.mg	n.s.s.	1/47	13.0mg	0/22	39.0mg	1/24	78.0mg	3/24
2974	1680o	44.7mg	77.0mg	7/185	13.0mg	5/93	39.0mg	30/93	78.0mg	73/95	
	a	1680o	49.8mg	128.mg	8/185	13.0mg	8/93	39.0mg	36/93	(78.0mg	20/95)
	b	1680o	166.mg	1.13gm	8/186	13.0mg	11/93	39.0mg	18/89	78.0mg	15/94
	c	1680o	244.mg	786.mg	0/188	13.0mg	2/95	39.0mg	6/90	78.0mg	12/93
	d	1680o	335.mg	2.14gm	1/182	13.0mg	1/90	39.0mg	4/88	78.0mg	8/87
	e	1680o	407.mg	3.57gm	0/188	13.0mg	2/92	39.0mg	3/89	78.0mg	5/91
	f	1680o	430.mg	3.27gm	0/178	13.0mg	1/90	39.0mg	3/89	78.0mg	5/89
2975	1680m	79.4mg	n.s.s.	0/48	12.0mg	2/24	36.0mg	0/24	72.0mg	0/24	
2976	1680n	106.mg	n.s.s.	3/48	12.0mg	0/24	36.0mg	2/24	72.0mg	2/22	
	a	1680n	119.mg	n.s.s.	5/48	12.0mg	1/24	36.0mg	2/24	72.0mg	2/22
2977	1680o	90.3mg	260.mg	17/183	12.0mg	14/92	36.0mg	20/93	72.0mg	37/93	
	a	1680o	123.mg	742.mg	27/183	12.0mg	15/92	36.0mg	17/93	72.0mg	33/93
	b	1680o	255.mg	n.s.s.	7/187	12.0mg	7/92	36.0mg	10/94	72.0mg	9/89
GERANYL ACETATE, FOOD GRADE (71% GERANYL ACETATE, 29% CITRONELLYL ACETATE) (CAS# 105-87-3 and 150-84-5) mixture											
2978	TR252	146.mg	n.s.s.	20/50	354.mg	20/50	714.mg	6/50			
	a	TR252	520.mg	n.s.s.	5/50	354.mg	4/50	714.mg	2/50		liv:hpa,hpc,nnd.
	b	TR252	779.mg	n.s.s.	1/50	354.mg	1/50	714.mg	1/50		lun:a/a,a/c.
2979	TR252	197.mg	n.s.s.	33/50	354.mg	33/50	714.mg	21/50			
	a	TR252	296.mg	7.59gm	13/50	354.mg	17/50	714.mg	15/50		liv:hpa,hpc,nnd.
	b	TR252	766.mg	n.s.s.	6/50	354.mg	6/50	714.mg	3/50		lun:a/a,a/c.
2980	TR252	1.61gm	n.s.s.	38/50	707.mg	31/50	1.41gm	28/50			
	a	TR252	7.34gm	n.s.s.	0/50	707.mg	0/50	1.41gm	1/50		liv:hpa,hpc,nnd.
2981	TR252	353.mg	n.s.s.	43/50	707.mg	44/50	1.41gm	44/50			S
	a	TR252	2.06gm	n.s.s.	0/50	707.mg	5/50	1.41gm	1/50		ski:sqc,sqp. S
	b	TR252	2.32gm	n.s.s.	0/50	707.mg	4/50	1.41gm	1/50		
	c	TR252	4.71gm	n.s.s.	0/50	707.mg	2/50	1.41gm	0/50		
	d	TR252	867.mg	n.s.s.	36/50	707.mg	33/50	1.41gm	23/50		
	e	TR252	3.79gm	n.s.s.	0/50	707.mg	1/50	1.41gm	1/50		liv:hpa,hpc,nnd.
GERMANATE, SODIUM 12025-19-3											
2982	1512	7.48mg	n.s.s.	26/170	.877mg	14/131					Kanisawa;canr,27,1192-1195;1967
	a	1512	10.5mg	n.s.s.	7/170	.877mg	4/131				
	b	1512	7.84mg	n.s.s.	55/170	.877mg	25/131				
	c	1512	8.97mg	n.s.s.	29/170	.877mg	13/131				
	d	1512	10.0mg	n.s.s.	15/170	.877mg	7/131				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
2983	1036	6.82mg	n.s.s.	1/82	.265mg	1/98			Kanisawa;canr,29,892-895;1969		
a	1036	2.70mg	n.s.s.	31/82	.265mg	25/98					
b	1036	8.11mg	n.s.s.	9/82	.265mg	2/98					
GIBBERELIC ACID 77-06-5											
2984	1281	318.mg	n.s.s.	0/17	180.mg	0/16			Innes;ntis,1968/1969		
a	1281	318.mg	n.s.s.	1/17	180.mg	0/16					
b	1281	208.mg	n.s.s.	2/17	180.mg	1/16					
2985	1281	89.6mg	n.s.s.	1/18	168.mg	4/18					
a	1281	96.2mg	n.s.s.	2/18	168.mg	4/18					
b	1281	52.6mg	n.s.s.	3/18	168.mg	8/18					
2986	1281	357.mg	n.s.s.	0/16	180.mg	0/18					
a	1281	357.mg	n.s.s.	0/16	180.mg	0/18					
b	1281	188.mg	n.s.s.	0/16	180.mg	1/18					
2987	1281	113.mg	n.s.s.	0/16	168.mg	2/16					
a	1281	155.mg	n.s.s.	0/16	168.mg	1/16					
b	1281	73.3mg	n.s.s.	0/16	168.mg	4/16					
Glu-P-1 (2-amino-6-methylpyrido[1,2-a:3',2'-d]imidazole) 67730-11-4											
2988	1616	2.33mg	9.78mg	0/40	65.0mg	37/38			Ohgaki;carc,5,815-819;1984		
a	1616	6.63mg	18.9mg	0/40	65.0mg	31/38					
b	1616	8.44mg	24.3mg	0/40	65.0mg	28/38					
c	1616	11.1mg	33.6mg	0/40	65.0mg	24/38					
d	1616	23.1mg	99.8mg	0/40	65.0mg	13/38					
e	1616	57.4mg	n.s.s.	0/40	65.0mg	4/38					
f	1616	65.6mg	n.s.s.	2/40	65.0mg	4/38					
2989	1616	3.31mg	10.4mg	0/39	60.0mg	30/34					
a	1616	4.63mg	14.0mg	0/39	60.0mg	27/34					
b	1616	34.1mg	n.s.s.	0/39	60.0mg	4/34					
c	1616	34.1mg	n.s.s.	0/39	60.0mg	4/34					
d	1616	50.9mg	n.s.s.	3/39	60.0mg	3/34					
e	1616	50.5mg	n.s.s.	11/39	60.0mg	6/34					
2990	1619m	5.07mg	15.1mg	0/50	25.0mg	24/42				Takayama;gann,75,207-213;1984/Masuda;expl,26,123-129;1984	
a	1619m	7.24mg	25.1mg	0/50	25.0mg	18/42					
b	1619m	12.7mg	67.7mg	0/50	25.0mg	10/42					
c	1619m	16.8mg	142.mg	0/50	25.0mg	7/42					
d	1619m	21.3mg	463.mg	0/50	25.0mg	5/42					
e	1619m	21.3mg	463.mg	0/50	25.0mg	5/42					
f	1619m	24.5mg	n.s.s.	0/50	25.0mg	4/42					
g	1619m	24.5mg	n.s.s.	0/50	25.0mg	4/42					
h	1619m	29.0mg	n.s.s.	0/50	25.0mg	3/42					
i	1619m	29.0mg	n.s.s.	0/50	25.0mg	3/42					
j	1619m	35.8mg	n.s.s.	0/50	25.0mg	2/42					
2991	1619m	1.99mg	5.58mg	2/50	20.0mg	35/42					
a	1619m	3.61mg	10.4mg	0/50	20.0mg	26/42					
b	1619m	4.06mg	12.1mg	0/50	20.0mg	24/42					
c	1619m	4.84mg	15.4mg	0/50	20.0mg	21/42					
d	1619m	5.45mg	18.3mg	0/50	20.0mg	19/42					
e	1619m	5.80mg	20.1mg	0/50	20.0mg	18/42					
f	1619m	8.06mg	34.7mg	0/50	20.0mg	13/42					
g	1619m	8.68mg	39.6mg	0/50	20.0mg	12/42					
h	1619m	38.4mg	n.s.s.	0/50	20.0mg	1/42					
Glu-P-2 (2-aminodipyrido[1,2-a:3',2'-d]imidazole) 67730-10-3											
2992	1616	7.10mg	20.7mg	0/40	65.0mg	36/40			Ohgaki;carc,5,815-819;1984		
a	1616	12.3mg	34.4mg	0/40	65.0mg	30/40					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
	b	1616	23.3mg	76.3mg	0/40	65.0mg	20/40			
	c	1616	24.8mg	83.5mg	0/40	65.0mg	19/40			
	d	1616	69.4mg	1.03gm	0/40	65.0mg	6/40			
	e	1616	178.mg	n.s.s.	0/40	65.0mg	1/40			
	f	1616	224.mg	n.s.s.	2/40	65.0mg	1/40			
2993		1616	14.6mg	41.9mg	0/40	60.0mg	27/40			
	a	1616	16.6mg	48.9mg	0/40	60.0mg	25/40			
	b	1616	45.3mg	248.mg	0/40	60.0mg	10/40			
	c	1616	76.2mg	3.49gm	0/40	60.0mg	5/40			
	d	1616	87.9mg	n.s.s.	0/40	60.0mg	4/40			
	e	1616	92.2mg	n.s.s.	3/40	60.0mg	5/40			
	f	1616	105.mg	n.s.s.	11/40	60.0mg	8/40			
2994		1619	28.2mg	138.mg	0/50	25.0mg	11/42		Takayama;gann,75,207-213;1984	
	a	1619	36.6mg	252.mg	0/50	25.0mg	8/42			
	b	1619	36.6mg	252.mg	0/50	25.0mg	8/42			
	c	1619	40.5mg	341.mg	0/50	25.0mg	7/42			
	d	1619	45.3mg	525.mg	0/50	25.0mg	6/42			
	e	1619	51.3mg	1.12gm	0/50	25.0mg	5/42			
	f	1619	59.1mg	n.s.s.	0/50	25.0mg	4/42			
	g	1619	86.3mg	n.s.s.	0/50	25.0mg	2/42			
	h	1619	86.3mg	n.s.s.	0/50	25.0mg	2/42			
	i	1619	116.mg	n.s.s.	0/50	25.0mg	1/42			
2995		1619	18.1mg	73.9mg	0/50	20.0mg	14/42			
	a	1619	22.6mg	111.mg	0/50	20.0mg	11/42			
	b	1619	24.0mg	290.mg	2/50	20.0mg	11/42			
	c	1619	36.2mg	420.mg	0/50	20.0mg	6/42			
	d	1619	47.3mg	n.s.s.	0/50	20.0mg	4/42			
	e	1619	56.0mg	n.s.s.	0/50	20.0mg	3/42			
	f	1619	56.0mg	n.s.s.	0/50	20.0mg	3/42			
	g	1619	69.1mg	n.s.s.	0/50	20.0mg	2/42			
	h	1619	69.1mg	n.s.s.	0/50	20.0mg	2/42			
	i	1619	92.6mg	n.s.s.	0/50	20.0mg	1/42			
L-GLUTAMIC ACID 56-86-0										
2996		1631	4.06gm	n.s.s.	0/55	1.20gm	0/20	4.80gm	0/29	Ebert;txlt,3,65-70;1979
	a	1631	4.06gm	n.s.s.	0/55	1.20gm	0/20	4.80gm	0/29	
	b	1631	4.06gm	n.s.s.	0/55	1.20gm	0/20	4.80gm	0/29	
N2-gamma-GLUTAMYL-p-HYDRAZINOBENZOIC ACID (N2-[gamma-L(+)-GLUTAMYL]-4-CARBOXYPHENYLHYDRAZINE) 69644-85-5										
2997		1832	666.mg	n.s.s.	1/46	78.2mg	1/42			Toth;acnr,6,917-920;1986
	a	1832	264.mg	n.s.s.	12/47	78.2mg	12/47			
	b	1832	585.mg	n.s.s.	3/43	78.2mg	1/32			
2998		1832	146.mg	632.mg	0/43	78.2mg	13/48			
	a	1832	101.mg	n.s.s.	15/49	78.2mg	23/45			
	b	1832	443.mg	n.s.s.	7/40	78.2mg	3/32			
beta-N-[gamma-L(+)-GLUTAMYL]-4-HYDROXYMETHYLPHENYLHYDRAZINE (agaritine) 2757-90-6										
2999		1584	500.mg	n.s.s.	1/56	125.mg	2/34			Toth;acnr,1,255-258;1981/1982a
	a	1584	362.mg	n.s.s.	20/94	125.mg	12/50			
	b	1584	458.mg	n.s.s.	29/94	125.mg	13/50			
3000		1584	311.mg	n.s.s.	3/83	104.mg	2/25			
	a	1584	396.mg	n.s.s.	1/83	104.mg	1/25			
	b	1584	643.mg	n.s.s.	13/100	104.mg	4/47			
	c	1584	567.mg	n.s.s.	19/100	104.mg	6/47			

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
GLUTARALDEHYDE 111-30-8											
3001	TR490	.203mg	n.s.s.	41/50	79.6ug	44/50	.159mg	41/50	.318mg	40/50	
a	TR490	.977mg	n.s.s.	14/50	79.6ug	17/50	.159mg	11/50	.318mg	7/50	liv:hpa,hpb,hpc.
b	TR490	.674mg	n.s.s.	3/50	79.6ug	8/50	.159mg	7/50	.318mg	4/50	lun:a/a,a/c.
3002	2584m	.133mg	n.s.s.	0/50	.129mg	2/50					Zissu;txlt,95,131-139;1998
a	2584m	.332mg	n.s.s.	0/50	.129mg	0/50					
3003	2584n	.120mg	n.s.s.	0/30	.129mg	4/30					
a	2584n	.448mg	n.s.s.	0/30	.129mg	0/30					
3004	TR490	.160mg	n.s.s.	44/50	66.5ug	42/50	.133mg	39/50	(.266mg	33/50)	
a	TR490	.242mg	n.s.s.	32/50	66.5ug	24/50	.133mg	26/50	(.266mg	21/50)	liv:hpa,hpb,hpc.
b	TR490	.677mg	n.s.s.	18/50	66.5ug	15/50	.133mg	15/50	.266mg	14/50	lun:a/a,a/c.
3005	2584m	.136mg	n.s.s.	2/50	.107mg	2/50					Zissu;txlt,95,131-139;1998
a	2584m	.208mg	n.s.s.	4/50	.107mg	1/50					
3006	2584n	.140mg	n.s.s.	2/30	.107mg	3/30					
a	2584n	.169mg	n.s.s.	4/30	.107mg	3/30					
3007	TR490	46.8ug	n.s.s.	49/50	76.3ug	46/50	.153mg	49/50	(.229mg	36/50)	
a	TR490	n.s.s.	n.s.s.	0/50	76.3ug	0/50	.153mg	0/50	.229mg	0/50	liv:hpa,hpb,hpc.
3008	TR490	49.3ug	n.s.s.	43/50	53.6ug	49/50	.107mg	44/50	.161mg	35/50	
a	TR490	.623mg	n.s.s.	0/50	53.6ug	1/50	.107mg	0/50	.161mg	0/50	liv:hpa,hpb,hpc.
GLYCERIN, NATURAL 56-81-5											
3009	2389	6.59gm	n.s.s.	5/26	2.25gm	3/22	4.50gm	6/22			Hine;aih,7,282-291;1953
GLYCERIN, SYNTHETIC 56-81-5											
3010	2389	4.24gm	n.s.s.	5/26	2.25gm	4/21	4.50gm	9/22			Hine;aih,7,282-291;1953
GLYCEROL alpha-MONOCHLOROHYDRIN 96-24-2											
3011	1112	24.2mg	n.s.s.	0/20	6.79mg	0/26	13.6mg	0/26			Weisburger;jnci,67,75-88;1981
3012	1112	35.1mg	n.s.s.	0/20	6.79mg	0/26	13.6mg	3/26			
GLYCIDALDEHYDE 765-34-4											
3013	55	6.29mg	n.s.s.	0/5	13.5mg	0/5					Van Duuren;jnci,37,825-838;1966
GLYCIDOL 556-52-5											
3014	2042	19.3mg	n.s.s.	0/12	17.9mg	4/20					Lijinsky;txih,8,267-271;1992
a	2042	39.8mg	n.s.s.	0/12	17.9mg	1/20					
b	2042	39.8mg	n.s.s.	0/12	17.9mg	1/20					
c	2042	75.3mg	n.s.s.	1/12	17.9mg	0/20					
d	2042	8.94mg	n.s.s.	7/12	17.9mg	13/20					
3015	2042	19.4mg	n.s.s.	0/12	15.8mg	3/19					
a	2042	24.3mg	n.s.s.	0/12	15.8mg	2/19					
b	2042	33.2mg	n.s.s.	0/12	15.8mg	1/19					
c	2042	14.0mg	n.s.s.	7/12	15.8mg	9/19					
3016	TR374	10.2mg	26.6mg	5/50	17.7mg	21/50	35.4mg	37/50	hag:acn,adn; mgl:acn,adn,fba; ski:sqc,sgp; sub: fbs,srn; ute:acn, can.		
a	TR374	18.2mg	103.mg	4/50	17.7mg	11/50	35.4mg	17/50			hag:acn,adn.
b	TR374	19.4mg	128.mg	4/50	17.7mg	10/50	35.4mg	16/50			S
c	TR374	31.5mg	138.mg	1/50	17.7mg	5/50	35.4mg	15/50			S
d	TR374	31.0mg	170.mg	2/50	17.7mg	6/50	35.4mg	15/50			mgl:acn,adn,fba.
e	TR374	43.1mg	229.mg	0/50	17.7mg	3/50	35.4mg	9/50			sub: fbs,srn.
f	TR374	60.9mg	702.mg	0/50	17.7mg	1/50	35.4mg	6/50			S
g	TR374	51.3mg	n.s.s.	0/50	17.7mg	3/50	35.4mg	3/50			ute:acn,can.
h	TR374	52.6mg	n.s.s.	1/50	17.7mg	3/50	35.4mg	5/50			liv:hem,hes; ova:hem; pec:hes; sub:hes; ute:hem,hes.
i	TR374	54.8mg	n.s.s.	0/50	17.7mg	3/50	35.4mg	2/50			S
j	TR374	78.1mg	n.s.s.	0/50	17.7mg	2/50	35.4mg	3/50			S
k	TR374	102.mg	n.s.s.	0/50	17.7mg	0/50	35.4mg	2/50			ski:sqc,sgp.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
l	TR374	10.9mg	n.s.s.	45/50	17.7mg	46/50	35.4mg	47/50		
m	TR374	29.1mg	n.s.s.	9/50	17.7mg	7/50	35.4mg	14/50		liv:hpa,hpc,nnd.
n	TR374	32.3mg	n.s.s.	6/50	17.7mg	10/50	35.4mg	8/50		lun:a/a,a/c.
3017	TR374	21.5mg	270.mg	8/50	17.7mg	12/50	35.4mg	22/50		hag:acn,adn.
a	TR374	48.3mg	274.mg	0/50	17.7mg	2/50	35.4mg	9/50		S
b	TR374	47.7mg	533.mg	1/50	17.7mg	2/50	35.4mg	10/50		for:sqc,sqp.
c	TR374	12.3mg	n.s.s.	35/50	17.7mg	41/50	35.4mg	46/50	for:sqc,sqp; hag:acn,adn; liv:hpa,hpc; lun:a/a,a/c; ski:sqp.	C
d	TR374	15.8mg	n.s.s.	24/50	17.7mg	31/50	35.4mg	35/50		liv:hpa,hpc.
e	TR374	15.4mg	n.s.s.	5/50	17.7mg	12/50	(35.4mg	7/50)	mul:mlh,mlm,mlp; thm:mlm.	S
f	TR374	18.4mg	n.s.s.	18/50	17.7mg	16/50	35.4mg	30/50		S
g	TR374	27.2mg	n.s.s.	7/50	17.7mg	10/50	35.4mg	16/50		S
h	TR374	26.2mg	n.s.s.	13/50	17.7mg	11/50	35.4mg	21/50		lun:a/a,a/c.
i	TR374	61.5mg	n.s.s.	1/50	17.7mg	2/50	35.4mg	7/50		S
j	TR374	86.5mg	n.s.s.	0/50	17.7mg	0/50	35.4mg	4/50		
k	TR374	100.mg	n.s.s.	0/50	17.7mg	1/50	35.4mg	3/50		S
l	TR374	116.mg	n.s.s.	0/50	17.7mg	0/50	35.4mg	2/50		
m	TR374	186.mg	n.s.s.	0/50	17.7mg	1/50	35.4mg	1/50		
n	TR374	12.6mg	n.s.s.	42/50	17.7mg	47/50	35.4mg	49/50		
o	TR374	15.8mg	n.s.s.	24/50	17.7mg	31/50	35.4mg	35/50		liv:hpa,hpc,nnd.
p	TR374	26.2mg	n.s.s.	13/50	17.7mg	11/50	35.4mg	21/50		lun:a/a,a/c.
3018	TR374	2.43mg	7.45mg	25/50	26.5mg	39/50	53.6mg	42/50	bra:gln; cli:acn,adn,can; for:sqc,sqp; mgl:acn,fba; mth:sqc,sqp; mul:mnl; thy:fca,fcc; ton:sqp.	C
a	TR374	2.40mg	7.58mg	14/50	26.5mg	34/50	53.6mg	37/50		mgl:acn,fba.
b	TR374	2.52mg	8.70mg	14/50	26.5mg	32/50	53.6mg	29/50		
c	TR374	5.27mg	36.5mg	5/50	26.5mg	9/50	53.6mg	12/50		cli:acn,adn,can.
d	TR374	6.57mg	39.2mg	19/50	26.5mg	21/50	53.6mg	14/50		S
e	TR374	7.12mg	32.9mg	13/50	26.5mg	14/50	53.6mg	20/50		
f	TR374	6.73mg	56.7mg	3/50	26.5mg	7/50	53.6mg	7/50		S
g	TR374	11.9mg	46.8mg	1/50	26.5mg	11/50	53.6mg	16/50		
h	TR374	11.0mg	62.5mg	0/50	26.5mg	4/50	53.6mg	11/50	for:sqc,sqp.	
i	TR374	11.3mg	77.8mg	0/50	26.5mg	4/50	53.6mg	8/50		S
j	TR374	12.3mg	174.mg	0/50	26.5mg	4/50	53.6mg	4/50		
k	TR374	14.1mg	181.mg	1/50	26.5mg	3/50	53.6mg	7/50	mth:sqc,sqp; ton:sqp.	
l	TR374	14.4mg	212.mg	1/50	26.5mg	3/50	53.6mg	6/50	mth:sqp; ton:sqp.	S
m	TR374	15.1mg	319.mg	1/50	26.5mg	3/50	53.6mg	5/50		S
n	TR374	14.0mg	2.21gm	2/50	26.5mg	2/50	53.6mg	5/50	cli:acn,can.	S
o	TR374	14.1mg	2.38gm	2/50	26.5mg	1/50	53.6mg	5/50		S
p	TR374	13.1mg	878.mg	0/50	26.5mg	1/50	53.6mg	3/50	thy:fca,fcc.	
q	TR374	10.0mg	n.s.s.	18/50	26.5mg	14/50	53.6mg	6/50		S
r	TR374	15.8mg	n.s.s.	1/50	26.5mg	4/50	53.6mg	2/50	sub:fbs, fib.	S
s	TR374	17.7mg	n.s.s.	2/50	26.5mg	0/50	53.6mg	3/50	adr:con,crn.	S
t	TR374	20.1mg	n.s.s.	1/50	26.5mg	0/50	53.6mg	4/50	ute:acn,adn.	S
u	TR374	94.6mg	n.s.s.	0/50	26.5mg	0/50	53.6mg	3/50		S
v	TR374	109.mg	n.s.s.	0/50	26.5mg	0/50	53.6mg	3/50		S
w	TR374	164.mg	n.s.s.	0/50	26.5mg	0/50	53.6mg	2/50		
x	TR374	2.29mg	7.16mg	43/50	26.5mg	43/50	53.6mg	47/50		
y	TR374	n.s.s.	n.s.s.	0/50	26.5mg	0/50	53.6mg	0/50		liv:hpa,hpc,nnd.
3019	TR374	.818mg	2.82mg	46/50	26.8mg	50/50	53.6mg	49/50		S
a	TR374	1.04mg	4.74mg	8/50	26.8mg	40/50	53.6mg	46/50	bra:gln; col:adc,adp; for:sqc,sqp; mgl:fba; ski:bct,sea,sec; smi:mua; thy:fca,fcc; tnv:men,msm; zym:can.	C
b	TR374	1.49mg	6.95mg	25/50	26.8mg	33/50	53.6mg	21/50		S
c	TR374	1.75mg	8.36mg	3/50	26.8mg	34/50	53.6mg	39/50		tnv:men,msm.
d	TR374	1.94mg	12.1mg	3/50	26.8mg	24/50	53.6mg	31/50		S
e	TR374	1.31mg	80.1mg	0/50	26.8mg	3/50	53.6mg	3/50		S
f	TR374	1.31mg	74.5mg	0/50	26.8mg	5/50	53.6mg	6/50		
g	TR374	2.65mg	27.8mg	3/50	26.8mg	8/50	53.6mg	7/50		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
h	TR374	2.61mg	70.1mg	2/50	26.8mg	5/50	53.6mg	4/50		lun:a/a,a/c. S
i	TR374	2.87mg	85.3mg	5/50	26.8mg	7/50	53.6mg	1/50		S
j	TR374	3.43mg	68.2mg	10/50	26.8mg	7/50	53.6mg	5/50		pre:acn,adn. S
k	TR374	2.94mg	205.mg	8/50	26.8mg	8/50	53.6mg	2/50		pta:adn,can. S
l	TR374	3.08mg	767.mg	8/50	26.8mg	7/50	53.6mg	2/50		S
m	TR374	3.45mg	81.4mg	1/50	26.8mg	4/50	53.6mg	6/50		thy:fca,fcc. S
n	TR374	3.07mg	344.mg	1/50	26.8mg	3/50	53.6mg	2/50		S
o	TR374	3.46mg	147.mg	1/50	26.8mg	2/50	53.6mg	5/50		S
p	TR374	3.55mg	333.mg	1/50	26.8mg	4/50	53.6mg	1/50		S
q	TR374	6.08mg	160.mg	4/50	26.8mg	5/50	53.6mg	5/50		sub:fbs, fib,nfm. S
r	TR374	3.64mg	194.mg	1/50	26.8mg	2/50	53.6mg	6/50		for:sqc, sqp. S
s	TR374	10.8mg	61.5mg	0/50	26.8mg	10/50	53.6mg	8/50		S
t	TR374	10.2mg	87.2mg	0/50	26.8mg	5/50	53.6mg	4/50		ski:bct, sea, sec. S
u	TR374	6.33mg	248.mg	4/50	26.8mg	4/50	53.6mg	5/50		sub:fbs, fib. S
v	TR374	10.3mg	98.1mg	0/50	26.8mg	5/50	53.6mg	3/50		ski:bct, sea. S
w	TR374	3.94mg	1.42gm	1/50	26.8mg	1/50	53.6mg	4/50		ton:sqc, sqp. S
x	TR374	11.1mg	176.mg	0/50	26.8mg	4/50	53.6mg	2/50		S
y	TR374	7.41mg	651.mg	2/50	26.8mg	3/50	53.6mg	3/50		S
z	TR374	8.90mg	377.mg	2/50	26.8mg	3/50	53.6mg	4/50		sub: fib,nfm. S
A	TR374	14.7mg	235.mg	1/50	26.8mg	3/50	53.6mg	6/50		S
B	TR374	9.83mg	942.mg	2/50	26.8mg	2/50	53.6mg	4/50		S
C	TR374	35.5mg	395.mg	0/50	26.8mg	1/50	53.6mg	5/50		S
D	TR374	89.0mg	1.88gm	0/50	26.8mg	1/50	53.6mg	4/50		col:adc, adp; smi:mua. S
E	TR374	8.91mg	n.s.s.	3/50	26.8mg	2/50	53.6mg	5/50		mth:sqc, sqp; ton:sqc, sqp. S
F	TR374	9.03mg	3.17mg	43/50	26.8mg	50/50	53.6mg	48/50		
G	TR374	16.6mg	n.s.s.	1/50	26.8mg	1/50	53.6mg	1/50		liv:hpa, hpc, nnd. S

GLYCINE 56-40-6

3020	2352	1.53gm	16.5gm	5/50	1.43gm	18/50	(2.86gm	12/50)		Kitahori;jtxp,7,471-480;1994
a	2352	10.5gm	n.s.s.	0/50	1.43gm	4/50	2.86gm	2/50		
b	2352	25.6gm	n.s.s.	0/50	1.43gm	0/50	2.86gm	1/50		
c	2352	1.37gm	n.s.s.	27/50	1.43gm	30/50	(2.86gm	12/50)		
3021	2352	9.26gm	n.s.s.	1/50	1.25gm	0/50	2.50gm	0/50		
a	2352	1.84gm	n.s.s.	36/50	1.25gm	44/50	2.50gm	36/50		

GLYCOL SULFITE 3741-38-6

3022	1143	.385mg	n.s.s.	10/30	1.71mg	17/30				Van Duuren;jnci,53,695-700;1974
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GLYCYRRHETINIC ACID 471-53-4

3023	2078	64.0mg	n.s.s.	0/12	96.0mg	0/12				Reddy;carc,13,1019-1023;1992
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GLYCYRRHIZINATE, DISODIUM 71277-79-7

3024	1685	3.54gm	n.s.s.	0/44	140.mg	0/47	262.mg	1/46	524.mg	1/37	Kobuke;fctx,23,979-983;1985
a	1685	4.71gm	n.s.s.	0/44	140.mg	0/47	262.mg	0/46	524.mg	1/37	
b	1685	4.73gm	n.s.s.	0/44	140.mg	0/47	262.mg	1/46	524.mg	0/37	
c	1685	3.72gm	n.s.s.	0/44	140.mg	1/47	262.mg	1/46	524.mg	0/37	
d	1685	5.96gm	n.s.s.	1/44	140.mg	0/47	262.mg	1/46	524.mg	0/37	
e	1685	1.33gm	n.s.s.	12/44	140.mg	12/47	262.mg	11/46	524.mg	9/37	
3025	1685	1.22gm	n.s.s.	3/37	58.2mg	0/38	116.mg	3/37	218.mg	2/40	
a	1685	1.23gm	n.s.s.	5/37	58.2mg	0/38	116.mg	3/37	218.mg	3/40	
b	1685	1.41gm	n.s.s.	4/37	58.2mg	3/38	116.mg	2/37	218.mg	2/40	
c	1685	1.53gm	n.s.s.	0/37	58.2mg	1/38	116.mg	1/37	218.mg	0/40	
d	1685	1.88gm	n.s.s.	2/37	58.2mg	0/38	116.mg	1/37	218.mg	1/40	
e	1685	377.mg	n.s.s.	14/37	58.2mg	7/38	116.mg	14/37	218.mg	14/40	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code	
FD & C GREEN NO. 1 (guinea green B) 4680-78-8														
3026	143	18.2gm	n.s.s.	1/101	1.30gm	1/53	2.60gm	1/49					Hansen;fctx,4,389-410;1966	
a	143	18.2gm	n.s.s.	1/101	1.30gm	1/53	2.60gm	1/49						
b	143	4.84gm	n.s.s.	1/101	1.30gm	3/53	(2.60gm)	0/49						
c	143	16.5gm	n.s.s.	6/101	1.30gm	3/53	2.60gm	2/49						
3027	143	5.50gm	n.s.s.	12/101	1.20gm	13/50	2.40gm	7/51						
a	143	13.4gm	n.s.s.	1/101	1.20gm	1/50	2.40gm	2/51						
b	143	4.84gm	n.s.s.	15/101	1.20gm	15/50	2.40gm	9/51						
c	143	9.44gm	n.s.s.	11/101	1.20gm	9/50	2.40gm	4/51						
3028	143	5.23gm	85.1gm	0/25	250.mg	0/25	500.mg	0/25	1.00gm	1/25	2.50gm	4/25		
a	143	2.54gm	n.s.s.	12/25	250.mg	10/25	500.mg	13/25	1.00gm	9/25	2.50gm	12/25		
b	143	5.09gm	n.s.s.	6/25	250.mg	5/25	500.mg	8/25	1.00gm	4/25	2.50gm	5/25		
3029	143	2.82gm	31.6gm	0/25	200.mg	0/25	400.mg	2/25	800.mg	2/25	2.00gm	5/25		
a	143	2.59gm	n.s.s.	4/25	200.mg	7/25	400.mg	2/25	800.mg	5/25	2.00gm	7/25		
b	143	4.77gm	n.s.s.	2/25	200.mg	5/25	400.mg	1/25	800.mg	5/25	2.00gm	2/25		
3030	1136	958.mg	76.8gm	0/50	1.80gm	2/9					Willheim;gaga,23,1-19;1953			
a	1136	1.36gm	n.s.s.	0/50	1.80gm	1/9								
b	1136	1.36gm	n.s.s.	0/50	1.80gm	1/9								
FD & C GREEN NO. 2 (light green SF yellowish) 5141-20-8														
3031	143	13.3gm	n.s.s.	0/100	1.30gm	1/50	2.60gm	2/50					Hansen;fctx,4,389-410;1966	
a	143	22.3gm	n.s.s.	3/100	1.30gm	1/50	2.60gm	1/50						
b	143	11.0gm	n.s.s.	7/100	1.30gm	4/50	2.60gm	4/50						
c	143	14.5gm	n.s.s.	3/100	1.30gm	2/50	2.60gm	2/50						
3032	143	3.68gm	n.s.s.	6/100	1.20gm	5/50	(2.40gm)	0/50						
a	143	13.2gm	n.s.s.	1/100	1.20gm	1/50	2.40gm	2/50						
b	143	9.39gm	n.s.s.	3/100	1.20gm	5/50	2.40gm	2/50						
c	143	9.31gm	n.s.s.	7/100	1.20gm	7/50	2.40gm	3/50						
3033	176a	5.75mg	n.s.s.	0/5	12.0mg	0/6	1.20gm	0/8					Allmark;jphp,8,417-424;1956	
a	176a	5.75mg	n.s.s.	0/5	12.0mg	0/6	1.20gm	0/8						
3034	143	696.mg	n.s.s.	0/25	250.mg	0/25	500.mg	0/25	1.00gm	0/25	2.50gm	0/25		Hansen;fctx,4,389-410;1966
a	143	4.73gm	n.s.s.	10/25	250.mg	15/25	500.mg	16/25	1.00gm	10/25	2.50gm	8/25		
b	143	4.81gm	n.s.s.	6/25	250.mg	6/25	500.mg	9/25	1.00gm	6/25	2.50gm	5/25		
3035	143	557.mg	n.s.s.	1/25	200.mg	0/25	400.mg	0/25	800.mg	0/25	2.00gm	0/25		
a	143	4.57gm	n.s.s.	8/25	200.mg	7/25	400.mg	10/25	800.mg	6/25	2.00gm	5/25		
b	143	4.99gm	n.s.s.	4/25	200.mg	3/25	400.mg	4/25	800.mg	3/25	2.00gm	3/25		
3036	1136	913.mg	n.s.s.	0/50	1.80gm	1/6					Willheim;gaga,23,1-19;1953			
FD & C GREEN NO. 3 (fast green FCF) 2353-45-9														
3037	143	21.7gm	n.s.s.	0/100	1.30gm	1/50	2.60gm	0/50					Hansen;fctx,4,389-410;1966	
a	143	25.6gm	n.s.s.	2/100	1.30gm	0/50	2.60gm	1/50						
b	143	25.4gm	n.s.s.	3/100	1.30gm	2/50	2.60gm	0/50						
c	143	19.2gm	n.s.s.	5/100	1.30gm	3/50	2.60gm	1/50						
3038	143	19.1gm	n.s.s.	8/100	1.20gm	4/50	2.40gm	1/50						
a	143	21.3gm	n.s.s.	2/100	1.20gm	2/50	2.40gm	0/50						
b	143	3.21gm	n.s.s.	10/100	1.20gm	7/50	(2.40gm)	1/50						
c	143	23.5gm	n.s.s.	8/100	1.20gm	2/50	2.40gm	1/50						
3039	143	696.mg	n.s.s.	0/25	250.mg	0/25	500.mg	0/25	1.00gm	0/25	2.50gm	0/25		
a	143	2.70gm	n.s.s.	6/25	250.mg	6/25	500.mg	10/25	1.00gm	15/25	2.50gm	6/25		
b	143	1.90gm	n.s.s.	13/25	250.mg	10/25	500.mg	11/25	1.00gm	18/25	2.50gm	12/25		
c	143	3.30gm	n.s.s.	7/25	250.mg	6/25	500.mg	3/25	1.00gm	11/25	2.50gm	6/25		
3040	143	10.6gm	n.s.s.	0/25	200.mg	0/25	400.mg	1/25	800.mg	0/25	2.00gm	0/25		
a	143	5.03gm	n.s.s.	2/25	200.mg	3/25	400.mg	5/25	800.mg	3/25	2.00gm	2/25		
b	143	5.37gm	n.s.s.	1/25	200.mg	2/25	400.mg	3/25	800.mg	3/25	2.00gm	1/25		

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
GRISEOFULVIN 126-07-8											
3041	402	1.01gm	n.s.s.	0/29	314.mg	0/21	1.57gm	0/24	3.14gm	0/22	Rustia;bjca,38,237-249;1978
a	402	3.34gm	n.s.s.	0/16	314.mg	1/9	1.57gm	0/5	3.14gm	0/5	
b	402	4.25gm	n.s.s.	1/16	314.mg	1/9	1.57gm	0/5	3.14gm	0/5	
3042	402	1.13gm	n.s.s.	0/22	276.mg	0/16	1.38gm	0/23	2.76gm	0/24	
a	402	1.13gm	n.s.s.	0/22	276.mg	0/16	1.38gm	0/23	2.76gm	0/24	
3043	2408	5.96mg	n.s.s.	0/25	10.0mg	7/60					El-Mofty;oncr,1,1079-1081;1994
3044	402	471.mg	n.s.s.	19/89	130.mg	6/37					Rustia;bjca,38,237-249;1978
a	402	845.mg	n.s.s.	5/76	130.mg	1/36					
3045	402	270.mg	n.s.s.	0/32	120.mg	1/17					
a	402	525.mg	n.s.s.	6/86	120.mg	2/33					
b	402	326.mg	n.s.s.	16/79	120.mg	6/32					
GUAR GUM 9000-30-0											
3046	TR229	8.80gm	n.s.s.	32/50	3.16gm	26/50	6.32gm	27/50			
a	TR229	27.4gm	n.s.s.	5/50	3.16gm	2/50	6.32gm	4/50			liv:hpa,hpc,nnd.
b	TR229	33.9gm	n.s.s.	5/50	3.16gm	1/50	6.32gm	3/50			lun:a/a,a/c.
3047	TR229	8.14gm	n.s.s.	32/50	2.92gm	33/50	5.89gm	32/50			
a	TR229	7.71gm	n.s.s.	16/50	2.92gm	12/50	(5.89gm	7/50)			liv:hpa,hpc,nnd.
b	TR229	21.6gm	n.s.s.	12/50	2.92gm	9/50	5.89gm	8/50			lun:a/a,a/c.
3048	TR229	2.53gm	n.s.s.	46/50	1.24gm	47/50	2.48gm	46/50			
a	TR229	18.5gm	n.s.s.	2/50	1.24gm	1/50	2.48gm	1/50			liv:hpa,hpc,nnd.
3049	TR229	5.10gm	n.s.s.	0/50	990.mg	1/50	1.98gm	4/50			S
a	TR229	1.29gm	n.s.s.	39/50	990.mg	41/50	1.98gm	42/50			
b	TR229	16.4gm	n.s.s.	3/50	990.mg	0/50	1.98gm	1/50			liv:hpa,hpc,nnd.
GUM ARABIC (gum acacia) 9000-01-5											
3050	TR227	6.45gm	n.s.s.	30/50	3.19gm	33/50	6.38gm	31/50			
a	TR227	12.2gm	n.s.s.	3/50	3.19gm	2/50	6.38gm	10/50			liv:hpa,hpc,nnd.
b	TR227	6.59gm	n.s.s.	3/50	3.19gm	7/50	(6.38gm	1/50)			lun:a/a,a/c.
3051	TR227	24.5gm	n.s.s.	0/50	2.94gm	0/50	5.89gm	3/50			S
a	TR227	5.01gm	n.s.s.	36/50	2.94gm	28/50	5.89gm	40/50			
b	TR227	12.4gm	n.s.s.	16/50	2.94gm	11/50	5.89gm	15/50			liv:hpa,hpc,nnd.
c	TR227	12.1gm	n.s.s.	12/50	2.94gm	10/50	5.89gm	12/50			lun:a/a,a/c.
3052	TR227	1.29gm	n.s.s.	45/50	1.23gm	46/50	2.45gm	47/50			
a	TR227	10.2gm	n.s.s.	3/50	1.23gm	3/50	2.45gm	2/50			liv:hpa,hpc,nnd.
3053	TR227	1.08gm	n.s.s.	40/50	981.mg	45/50	1.96gm	42/50			
a	TR227	4.15gm	n.s.s.	4/50	981.mg	5/50	1.96gm	5/50			liv:hpa,hpc,nnd.
HCDD MIXTURE (1,2,3,7,8,9-hexachlorodibenzo-p-dioxin and 1,2,3,6,7,8-isomer. CAS# 19408-74-3 and 57653-85-7) mixture											
3054	TR198	1.86ug	36.0ug	3/75	344.ng	4/50	688.ng	6/50	1.39ug	10/50	liv:hpa,hpc.
a	TR198	2.05ug	42.4ug	2/75	344.ng	4/50	688.ng	4/50	1.39ug	9/50	
b	TR198	1.42ug	n.s.s.	36/75	344.ng	24/50	688.ng	22/50	1.39ug	28/50	
c	TR198	1.86ug	36.0ug	3/75	344.ng	4/50	688.ng	6/50	1.39ug	10/50	liv:hpa,hpc,nnd.
d	TR198	4.57ug	n.s.s.	2/75	344.ng	2/50	688.ng	5/50	1.39ug	1/50	lun:a/a,a/c.
3055	TR198	420.ng	16.6ug	15/75	172.ng	14/50	347.ng	14/50	688.ng	24/50	liv:hpa,hpc.
a	TR198	612.ng	11.9ug	7/75	172.ng	5/50	347.ng	9/50	688.ng	15/50	
b	TR198	350.ng	n.s.s.	40/75	172.ng	33/50	347.ng	29/50	688.ng	38/50	
c	TR198	420.ng	16.6ug	15/75	172.ng	14/50	347.ng	14/50	688.ng	24/50	liv:hpa,hpc,nnd.
d	TR198	1.04ug	n.s.s.	10/75	172.ng	11/50	347.ng	10/50	688.ng	7/50	lun:a/a,a/c.
3056	TR198	369.ng	1.33ug	5/75	174.ng	10/50	347.ng	12/50	694.ng	30/50	liv:hpc,nnd.
a	TR198	756.ng	n.s.s.	54/75	174.ng	36/50	347.ng	33/50	694.ng	41/50	
b	TR198	369.ng	1.33ug	5/75	174.ng	10/50	347.ng	12/50	694.ng	30/50	liv:hpa,hpc,nnd.
3057	TR198	842.ng	n.s.s.	0/75	175.ng	0/50	347.ng	1/50	694.ng	4/50	liv:hpc,nnd. S
a	TR198	807.ng	n.s.s.	40/75	175.ng	22/50	347.ng	22/50	694.ng	25/50	
b	TR198	842.ng	n.s.s.	0/75	175.ng	0/50	347.ng	1/50	694.ng	4/50	liv:hpa,hpc,nnd.

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology						Brkly Code			
HEMATOXYLIN 517-28-2																	
3058	1136	231.mg	13.6mg	0/50	1.80gm	2/4		Willheim;gaga,23,1-19;1953									
a	1136	386.mg	n.s.s.	0/50	1.80gm	1/4											
b	1136	386.mg	n.s.s.	0/50	1.80gm	1/4											
HEPTACHLOR 76-44-8																	
3059	TR9	.887mg	3.94mg	2/10	1.00mg	3/50	2.10mg	30/50									
a	TR9	.779mg	24.9mg	4/10	1.00mg	12/50	2.10mg	31/50									
b	TR9	.887mg	3.94mg	2/10	1.00mg	3/50	2.10mg	30/50	liv:hpa,hpc,nnd.								
c	TR9	6.52mg	n.s.s.	0/10	1.00mg	1/50	2.10mg	1/50	lun:a/a,a/c.								
3060	TR9	.866mg	2.47mg	3/80p	1.00mg	3/50	2.10mg	30/50									
3061	TR9	.586mg	12.2mg	5/20	.650mg	11/50	1.30mg	34/48									
a	TR9	.645mg	n.s.s.	7/20	.650mg	11/50	1.30mg	34/48									
b	TR9	.586mg	12.2mg	5/20	.650mg	11/50	1.30mg	34/48	liv:hpa,hpc,nnd.								
c	TR9	2.51mg	n.s.s.	1/20	.650mg	1/50	1.30mg	7/48	lun:a/a,a/c.								
3062	TR9	.628mg	2.83mg	17/95p	.650mg	11/50	1.30mg	34/48									
3063	TR9	2.03mg	n.s.s.	1/10	.920mg	3/49	1.85mg	14/50	thy:fca,fcc. S								
a	TR9	.998mg	n.s.s.	9/10	.920mg	37/49	1.85mg	33/50									
b	TR9	3.28mg	n.s.s.	1/10	.920mg	9/49	1.85mg	5/50	liv:hpa,hpc,nnd.								
3064	TR9	2.05mg	16.1mg	3/60p	.920mg	3/49	1.85mg	14/50	thy:fca,fcc. S								
a	TR9	4.01mg	n.s.s.	1/60p	.920mg	2/49	1.85mg	5/50	S								
3065	TR9	2.33mg	n.s.s.	7/10	1.10mg	24/50	2.20mg	20/50									
a	TR9	4.46mg	n.s.s.	1/10	1.10mg	3/50	2.20mg	6/50	liv:hpa,hpc,nnd.								
3066	66b	.426mg	n.s.s.	6/20	75.0ug	7/20	.150mg	7/20	.250mg	6/20	.350mg	11/20	.500mg	9/20	Epstein(review) {S Witherup};stev,6,103-154;1976		
a	66b	.695mg	n.s.s.	1/20	75.0ug	3/20	.150mg	2/20	.250mg	4/20	.350mg	6/20	.500mg	3/20			
b	66b	.728mg	n.s.s.	5/20	75.0ug	4/20	.150mg	5/20	.250mg	2/20	.350mg	6/20	.500mg	7/20			
3067	66b	1.34mg	n.s.s.	10/20	60.0ug	2/20	.120mg	6/20	.200mg	6/20	.280mg	4/20	.400mg	3/20			
a	66b	1.46mg	n.s.s.	5/20	60.0ug	1/20	.120mg	5/20	.200mg	2/20	.280mg	1/20	.400mg	3/20			
b	66b	1.82mg	n.s.s.	5/20	60.0ug	1/20	.120mg	1/20	.200mg	4/20	.280mg	3/20	.400mg	0/20			
HEPTAMETHYLENEIMINE 1121-92-2																	
3068	216	22.7mg	n.s.s.	0/15	7.36mg	0/15			Garcia;zkko,79,141-144;1973								
a	216	4.09mg	n.s.s.	4/15	7.36mg	7/15											
3069	216	19.9mg	n.s.s.	0/15	6.44mg	0/15											
a	216	2.17mg	n.s.s.	5/15	6.44mg	10/15											
HEPTYLAMINE 111-68-2																	
3070	104	2.72mg	n.s.s.	0/9	1.92mg	0/20			Argus;jnci,35,949-958;1965								
a	104	1.74mg	n.s.s.	1/9	1.92mg	1/20											
HEXACHLOROBENZENE 118-74-1																	
3071	151a	5.47mg	10.3mg	0/40	5.23mg	14/30	10.5mg	17/30	20.9mg	51/60	Cabral;natu,269,510-511;1977						
a	151a	58.8mg	577.mg	0/40	5.23mg	0/30	10.5mg	2/30	20.9mg	7/60							
b	151a	5.41mg	11.9mg	5/40	5.23mg	16/30	10.5mg	18/30	20.9mg	52/60							
3072	151a	4.05mg	7.55mg	0/40	4.60mg	14/30	9.20mg	26/30	18.4mg	49/59							
a	151a	20.4mg	56.1mg	0/40	4.60mg	1/30	9.20mg	6/30	18.4mg	20/59							
b	151a	50.9mg	382.mg	0/40	4.60mg	0/30	9.20mg	1/30	18.4mg	8/59							
c	151a	2.62mg	5.40mg	3/40	4.60mg	18/30	9.20mg	27/30	18.4mg	56/59							
3073	1938m	2.83mg	n.s.s.	0/9	12.0mg	1/9			Smith;ijcn,43,492-496;1989/pers.comm.								
a	1938m	5.56mg	n.s.s.	0/9	12.0mg	0/9											
3074	1938n	15.3mg	n.s.s.	0/11	12.0mg	0/11											
3075	384	26.3mg	93.4mg	0/49	6.50mg	0/30	13.0mg	3/30	26.0mg	14/41	Cabral;ijcn,23,47-51;1979						
a	384	32.2mg	n.s.s.	14/49	6.50mg	4/30	13.0mg	6/30	(26.0mg	2/41)							
b	384	63.5mg	n.s.s.	39/49	6.50mg	21/30	13.0mg	13/30	26.0mg	19/41							

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
3076	384	53.3mg	329.mg	0/47	6.00mg	0/30	12.0mg	3/29	24.0mg	7/44	
a	384	189.mg	n.s.s.	13/47	6.00mg	4/30	12.0mg	0/29	24.0mg	4/44	
b	384	86.7mg	n.s.s.	22/47	6.00mg	15/30	12.0mg	10/29	24.0mg	12/44	
3077	1180	n.s.s.	1.65mg	0/12	5.00mg	14/14					Smith;clet,11,169-172;1980
3078	1833m	6.71mg	n.s.s.	0/39	1.60mg	2/39					Arnold;fctx,23,779-793;1985
a	1833m	9.00mg	n.s.s.	0/39	1.60mg	1/39					
b	1833m	9.00mg	n.s.s.	0/39	1.60mg	1/39					
3079	1833n	5.43mg	n.s.s.	0/38	1.60mg	3/39					
a	1833n	9.00mg	n.s.s.	0/38	1.60mg	1/39					
3080	1708	2.16mg	12.4mg	0/15	10.0mg	10/15					Smith;carc,6,631-636;1985
a	1708	4.75mg	120.mg	0/15	10.0mg	5/15					
b	1708	4.75mg	120.mg	0/15	10.0mg	5/15					
3081	2118	1.64mg	n.s.s.	0/8	10.0mg	3/8					Smith;carc,14,1381-1387;1993
3082	1708	7.04mg	n.s.s.	0/15	8.00mg	2/15					Smith;carc,6,631-636;1985
HEXACHLOROBUTADIENE 87-68-3											
3083	373	38.5mg	338.mg	0/90	.200mg	0/40	2.00mg	0/40	20.0mg	6/40	Kociba;amih,38,589-602;1977
a	373	1.49mg	n.s.s.	1/90	.200mg	0/40	2.00mg	0/40	20.0mg	0/40	
b	373	2.42mg	n.s.s.	82/90	.200mg	35/40	2.00mg	37/40	20.0mg	39/40	
3084	373	23.4mg	148.mg	1/90	.200mg	0/40	2.00mg	0/40	20.0mg	9/39	
a	373	1.24mg	n.s.s.	1/90	.200mg	0/40	2.00mg	0/40	20.0mg	0/39	
b	373	34.8mg	n.s.s.	39/90	.200mg	24/40	2.00mg	13/40	20.0mg	15/39	
alpha-1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE (alpha-lindane) 319-84-6											
3085	1149n	n.s.s.	6.62mg	0/18	30.0mg	13/13					Ito;canr,36,2227-2234;1976
3086	1071	6.07mg	n.s.s.	0/8	10.8mg	0/7					Angsubhakorn;bjca,43,881-883;1981
3087	45a	6.37mg	23.3mg	0/8	40.0mg	12/16	60.0mg	10/13			Ito;jnci,54,801-804;1975
a	45a	37.0mg	n.s.s.	0/8	40.0mg	1/16	60.0mg	3/13			
beta-1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE (beta-lindane) 319-85-7											
3088	89	48.1mg	1.92gm	0/44	26.0mg	4/30					Thorpe;fctx,11,433-442;1973
a	89	23.2mg	n.s.s.	10/44	26.0mg	13/30					
b	89	116.mg	n.s.s.	27/44	26.0mg	5/30					
3089	89	9.03mg	51.0mg	11/45	24.0mg	22/30					
a	89	23.1mg	231.mg	2/45	24.0mg	10/30					
b	89	79.6mg	n.s.s.	27/45	24.0mg	8/30					
gamma-1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE (lindane) 58-89-9											
3090	TR14	46.4mg	n.s.s.	4/10	9.20mg	7/50	18.5mg	8/50			
a	TR14	56.9mg	n.s.s.	1/10	9.20mg	4/50	18.5mg	3/50			liv:hpa,hpc,nnd.
b	TR14	86.0mg	n.s.s.	1/10	9.20mg	1/50	18.5mg	2/50			lun:a/a,a/c.
3091	TR14	19.9mg	n.s.s.	4/10	8.50mg	21/50	17.0mg	15/50			
a	TR14	25.8mg	n.s.s.	3/10	8.50mg	19/50	17.0mg	10/50			liv:hpa,hpc,nnd.
b	TR14	65.5mg	n.s.s.	2/10	8.50mg	2/50	17.0mg	3/50			lun:a/a,a/c.
3092	TR14	5.84mg	95.4mg	5/50p	8.50mg	19/50	(17.0mg)	9/50			S
a	TR14	6.39mg	n.s.s.	8/50p	8.50mg	19/50	(17.0mg)	10/50			liv:hpc,nnd. S
3093	1828m	14.6mg	n.s.s.	1/48	10.4mg	1/45					Wolff;carc,8,1889-1897;1987
a	1828m	24.1mg	n.s.s.	0/48	10.4mg	0/45					
b	1828m	24.1mg	n.s.s.	0/48	10.4mg	0/45					
3094	1828n	50.4mg	n.s.s.	2/96	5.20mg	2/95					
a	1828n	55.5mg	n.s.s.	3/96	5.20mg	2/95					
b	1828n	54.8mg	n.s.s.	6/96	5.20mg	3/95					
3095	1828o	51.4mg	n.s.s.	0/48	20.8mg	0/48					
a	1828o	51.4mg	n.s.s.	0/48	20.8mg	0/48					
b	1828o	51.4mg	n.s.s.	1/48	20.8mg	0/48					
3096	1828r	160.mg	n.s.s.	2/96	20.8mg	3/96					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	1828r	297.mg	n.s.s.	3/96	20.8mg	1/96						
b	1828r	219.mg	n.s.s.	9/96	20.8mg	4/96						
c	1828r	222.mg	n.s.s.	6/96	20.8mg	3/96						
3097	89	21.9mg	140.mg	10/44	52.0mg	20/29					Thorpe;fctx,11,433-442;1973	
a	89	45.6mg	243.mg	0/44	52.0mg	10/29						
b	89	133.mg	n.s.s.	27/44	52.0mg	10/29						
3098	89	7.43mg	34.4mg	11/45	48.0mg	27/29						
a	89	25.8mg	114.mg	2/45	48.0mg	16/29						
b	89	95.0mg	n.s.s.	27/45	48.0mg	12/29						
3099	1119	16.7mg	n.s.s.	6/100	1.63mg	7/50	3.25mg	2/50	6.50mg	4/50	Herbst;txcy,4,91-96;1975	
3100	1119	22.9mg	n.s.s.	7/100	1.50mg	5/50	3.00mg	1/50	6.00mg	3/50		
a	1119	25.2mg	n.s.s.	0/100	1.50mg	3/50	3.00mg	0/50	6.00mg	0/50		
3101	1828o	49.3mg	n.s.s.	1/46	20.8mg	0/46					Wolff;carc,8,1889-1897;1987	
a	1828o	51.4mg	n.s.s.	0/48	20.8mg	0/48						
b	1828o	51.4mg	n.s.s.	0/46	20.8mg	0/48						
3102	1828r	53.5mg	n.s.s.	7/95	20.8mg	16/95						
a	1828r	62.5mg	n.s.s.	6/95	20.8mg	13/94						
b	1828r	71.0mg	n.s.s.	5/95	20.8mg	11/95						
c	1828r	113.mg	n.s.s.	2/95	20.8mg	5/95						
3103	1828m	13.8mg	n.s.s.	0/48	10.4mg	1/48						
a	1828m	25.7mg	n.s.s.	0/48	10.4mg	0/48						
b	1828m	25.7mg	n.s.s.	2/48	10.4mg	0/48						
3104	1828n	18.4mg	n.s.s.	4/95	5.20mg	10/95						
a	1828n	17.4mg	n.s.s.	8/93	5.20mg	13/95						
b	1828n	21.5mg	n.s.s.	12/93	5.20mg	13/95						
3105	1828o	19.7mg	n.s.s.	2/48	20.8mg	3/48						
a	1828o	27.6mg	n.s.s.	0/48	20.8mg	1/48						
b	1828o	51.4mg	n.s.s.	0/48	20.8mg	0/48						
3106	1828r	17.1mg	71.0mg	20/93	20.8mg	49/94						
a	1828r	24.6mg	97.7mg	8/93	20.8mg	33/94						
b	1828r	43.3mg	383.mg	4/95	20.8mg	18/95						
c	1828r	65.1mg	n.s.s.	12/93	20.8mg	16/94						
3107	TR14	3.27mg	n.s.s.	9/10	4.90mg	44/50	(9.80mg	34/50)				
a	TR14	24.7mg	n.s.s.	0/10	4.90mg	4/50	9.80mg	2/50			liv:hpa,hpc,ndd.	
3108	TR14	7.29mg	n.s.s.	3/10	6.90mg	21/50	13.6mg	19/50				
a	TR14	27.8mg	n.s.s.	0/10	6.90mg	3/50	13.6mg	2/50			liv:hpa,hpc,ndd.	
3109	TR14	39.5mg	n.s.s.	0/55p	6.90mg	0/50	13.6mg	3/50				S
HEXACHLOROCYCLOHEXANE, TECHNICAL GRADE 608-73-1												
3110	2164	n.s.s.	12.0mg	1/20	65.0mg	14/14					Munir;tumo,69,383-386;1983	
3111	1744	10.9mg	n.s.s.	0/6	60.0mg	7/21					Kandarkar;ijmr,78,155-161;1983	
3112	2164	n.s.s.	12.6mg	2/22	60.0mg	12/12					Munir;tumo,69,383-386;1983	
HEXACHLOROCYCLOPENTADIENE 77-47-4												
3113	TR437	.796mg	n.s.s.	34/50	34.5ug	37/50	.173mg	33/50	.691mg	20/50		
a	TR437	1.18mg	n.s.s.	9/50	34.5ug	12/50	.173mg	10/50	.691mg	6/50	liv:hpa,hpb,hpc.	
b	TR437	1.17mg	n.s.s.	7/50	34.5ug	4/50	.173mg	5/50	.691mg	5/50	lun:a/a,a/c.	
3114	TR437	.535mg	n.s.s.	35/50	28.9ug	32/50	.145mg	39/50	.580mg	33/50		
a	TR437	.866mg	n.s.s.	24/50	28.9ug	21/50	.145mg	28/50	.580mg	20/50	liv:hpa,hpb,hpc.	
b	TR437	.649mg	n.s.s.	11/50	28.9ug	11/50	.145mg	14/50	.580mg	16/50	lun:a/a,a/c.	
3115	TR437a	.323mg	n.s.s.	11/50	.371mg	17/50					lun:a/a,a/c.	
a	TR437a	.323mg	n.s.s.	11/50	.371mg	17/50					lun:a/a,a/c.	
3116	TR437b	.899mg	13.4mg	0/50	.590mg	6/50						S
a	TR437b	.668mg	n.s.s.	11/50	.590mg	14/50					lun:a/a,a/c.	
3117	TR437c	.392mg	n.s.s.	0/50	.185mg	4/50						S
a	TR437c	.262mg	n.s.s.	11/50	.185mg	13/50					lun:a/a,a/c.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
3118	TR437d	.750mg	n.s.s.	0/50	.365mg	5/50					S
a	TR437d	.577mg	n.s.s.	11/50	.365mg	14/50				lun:a/a,a/c.	S
3119	TR437	.291mg	n.s.s.	0/50	8.26ug	1/50	41.4ug	3/50	.166mg	4/50	S
a	TR437	.101mg	n.s.s.	47/50	8.26ug	48/50	41.4ug	41/50	.166mg	49/50	S
b	TR437	.725mg	n.s.s.	1/50	8.26ug	1/50	41.4ug	1/50	.166mg	1/50	liv:hpa,hpb,hpc.
3120	TR437	47.1ug	n.s.s.	23/50	5.78ug	23/50	29.0ug	23/50	.116mg	33/50	S
a	TR437	44.4ug	n.s.s.	47/50	5.78ug	45/50	29.0ug	43/50	.116mg	49/50	S
b	TR437	.225mg	n.s.s.	1/50	5.78ug	1/50	29.0ug	1/50	.116mg	3/50	liv:hpa,hpb,hpc.
HEXACHLOROETHANE 67-72-1											
3121	TR68	362.mg	n.s.s.	2/20	361.mg	20/50	722.mg	15/50			
a	TR68	313.mg	n.s.s.	8/20	361.mg	32/50	722.mg	26/50			
b	TR68	362.mg	n.s.s.	2/20	361.mg	20/50	722.mg	15/50			liv:hpa,hpc,nnd.
c	TR68	1.65gm	n.s.s.	1/20	361.mg	1/50	722.mg	4/50			lun:a/a,a/c.
3122	TR68	178.mg	760.mg	2/60p	361.mg	20/50	(722.mg)	15/50)			
3123	TR68	236.mg	n.s.s.	3/20	361.mg	15/50	722.mg	31/50			
a	TR68	216.mg	n.s.s.	4/20	361.mg	17/50	722.mg	34/50			
b	TR68	236.mg	n.s.s.	3/20	361.mg	15/50	722.mg	31/50			liv:hpa,hpc,nnd.
c	TR68	883.mg	n.s.s.	0/20	361.mg	2/50	722.mg	3/50			lun:a/a,a/c.
3124	TR68	213.mg	958.mg	6/60p	361.mg	15/50	722.mg	31/50			
3125	TR361	89.8mg	n.s.s.	50/50	56.1mg	44/50	111.mg	43/50			
a	TR361	384.mg	n.s.s.	1/50	56.1mg	3/50	111.mg	1/50			liv:hpa,hpc,nnd.
3126	TR68	169.mg	n.s.s.	14/20	105.mg	33/50	210.mg	20/50			
a	TR68	n.s.s.	n.s.s.	0/20	105.mg	0/50	210.mg	0/50			liv:hpa,hpc,nnd.
3127	TR361	3.35mg	n.s.s.	15/50	7.01mg	28/50	(14.0mg)	21/50)			adr:pob; amd:pbb,phc,phm,pob.
a	TR361	3.70mg	n.s.s.	14/50	7.01mg	26/50	(14.0mg)	19/50)			adr:pob; amd:pbb,pob. S
b	TR361	23.3mg	n.s.s.	1/50	7.01mg	2/50	14.0mg	7/50			kid:ade,rua,ruc. S
c	TR361	47.3mg	n.s.s.	0/50	7.01mg	0/50	14.0mg	3/50			
d	TR361	6.04mg	n.s.s.	45/50	7.01mg	48/50	14.0mg	45/50			
e	TR361	53.9mg	n.s.s.	2/50	7.01mg	1/50	14.0mg	2/50			liv:hpa,hpc,nnd.
3128	TR68	118.mg	n.s.s.	9/20	105.mg	17/50	210.mg	11/50			
a	TR68	n.s.s.	n.s.s.	0/20	105.mg	0/50	210.mg	0/50			liv:hpa,hpc,nnd.
HEXACHLOROPHENE 70-30-4											
3129	706	70.7mg	n.s.s.	0/25	19.5mg	1/33					Rudali;clet,5,325-332;1978
a	706	31.2mg	n.s.s.	7/25	19.5mg	9/33					
3130	706	130.mg	n.s.s.	0/25	18.0mg	0/35					
a	706	130.mg	n.s.s.	1/25	18.0mg	0/35					
b	706	37.0mg	n.s.s.	4/25	18.0mg	6/35					
3131	706	10.7mg	n.s.s.	21/38	19.5mg	28/40					
a	706	161.mg	n.s.s.	0/38	19.5mg	0/40					
b	706	11.1mg	n.s.s.	22/38	19.5mg	28/40					
3132	706	6.56mg	n.s.s.	23/37	18.0mg	30/37					
a	706	73.3mg	n.s.s.	0/37	18.0mg	1/37					
b	706	6.56mg	n.s.s.	23/37	18.0mg	30/37					
3133	TR40	9.82mg	n.s.s.	21/24	.850mg	17/24	2.50mg	21/24	7.50mg	13/24	
a	TR40	n.s.s.	n.s.s.	0/24	.850mg	0/24	2.50mg	0/24	7.50mg	0/24	liv:hpa,hpc,nnd.
3134	TR40	12.4mg	n.s.s.	0/24	.680mg	0/24	2.00mg	0/24	6.00mg	3/24	S
a	TR40	14.1mg	n.s.s.	0/24	.680mg	0/24	2.00mg	0/24	6.00mg	2/24	S
b	TR40	5.68mg	n.s.s.	11/24	.680mg	5/24	2.00mg	7/24	6.00mg	11/24	
c	TR40	n.s.s.	n.s.s.	0/24	.680mg	0/24	2.00mg	0/24	6.00mg	0/24	liv:hpa,hpc,nnd.
2,4-HEXADIENAL (89% trans,trans-, 11% cis,trans-) 142-83-6											
3135	TR509	78.2mg	297.mg	2/50	21.4mg	2/50	42.9mg	11/50	85.7mg	18/50	for:sgc,sgp.
a	TR509	92.7mg	555.mg	2/50	21.4mg	2/50	42.9mg	11/50	85.7mg	13/50	
b	TR509	98.3mg	3.38gm	0/50	21.4mg	3/50	42.9mg	5/50	(85.7mg)	0/50)	ski:fbs,fih. S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
c	TR509	250.mg	2.12gm	0/50	21.4mg	0/50	42.9mg	0/50	85.7mg	7/50	
d	TR509	116.mg	n.s.s.	39/50	21.4mg	41/50	42.9mg	38/50	85.7mg	29/50	
e	TR509	186.mg	n.s.s.	13/50	21.4mg	7/50	42.9mg	14/50	85.7mg	10/50	liv:hpa,hpb,hpc.
f	TR509	422.mg	n.s.s.	2/50	21.4mg	3/50	42.9mg	1/50	85.7mg	2/50	lun:a/a,a/c.
3136	TR509	132.mg	12.5gm	2/50	21.4mg	4/50	42.9mg	5/50	85.7mg	10/50	for:sqc,scp.
a	TR509	150.mg	n.s.s.	2/50	21.4mg	4/50	42.9mg	5/50	85.7mg	8/50	S
b	TR509	511.mg	n.s.s.	0/50	21.4mg	0/50	42.9mg	0/50	85.7mg	2/50	
c	TR509	46.3mg	n.s.s.	47/50	21.4mg	46/50	42.9mg	46/50	85.7mg	48/50	
d	TR509	55.1mg	n.s.s.	31/50	21.4mg	36/50	42.9mg	35/50	85.7mg	37/50	liv:hpa,hpb,hpc.
e	TR509	140.mg	n.s.s.	19/50	21.4mg	12/50	42.9mg	15/50	85.7mg	17/50	lun:a/a,a/c.
3137	TR509	62.1mg	184.mg	0/50	16.1mg	1/50	32.1mg	5/50	64.2mg	17/50	
a	TR509	28.3mg	n.s.s.	48/50	16.1mg	48/50	32.1mg	48/50	64.2mg	48/50	
b	TR509	n.s.s.	n.s.s.	0/50	16.1mg	0/50	32.1mg	0/50	64.2mg	0/50	liv:hpa,hpb,hpc.
3138	TR509	30.8mg	68.4mg	0/50	16.1mg	3/50	32.1mg	11/50	64.2mg	29/50	for:sqc,scp.
a	TR509	31.6mg	70.9mg	0/50	16.1mg	3/50	32.1mg	10/50	64.2mg	29/50	S
b	TR509	168.mg	n.s.s.	0/50	16.1mg	1/50	32.1mg	1/50	64.2mg	4/50	S
c	TR509	27.5mg	n.s.s.	47/50	16.1mg	48/50	32.1mg	47/50	64.2mg	48/50	
d	TR509	437.mg	n.s.s.	0/50	16.1mg	1/50	32.1mg	0/50	64.2mg	0/50	liv:hpa,hpb,hpc.
3- (HEXAHYDRO-4,7-METHANOINDAN-5-YL)-1,1-DIMETHYLUREA (hercules-7531) 2163-79-3											
3139	1277	383.mg	n.s.s.	0/17	205.mg	0/17					Innes;ntis,1968/1969
a	1277	383.mg	n.s.s.	1/17	205.mg	0/17					
b	1277	253.mg	n.s.s.	2/17	205.mg	1/17					
3140	1277	250.mg	n.s.s.	2/18	190.mg	1/18					
a	1277	377.mg	n.s.s.	1/18	190.mg	0/18					
b	1277	197.mg	n.s.s.	3/18	190.mg	2/18					
3141	1277	201.mg	n.s.s.	0/16	205.mg	1/17					
a	1277	383.mg	n.s.s.	0/16	205.mg	0/17					
b	1277	201.mg	n.s.s.	0/16	205.mg	1/17					
3142	1277	108.mg	n.s.s.	0/16	190.mg	3/17					
a	1277	356.mg	n.s.s.	0/16	190.mg	0/17					
b	1277	89.2mg	n.s.s.	0/16	190.mg	4/17					
HEXAMETHYLENETETRAMINE 100-97-0											
3143	155m	4.76gm	n.s.s.	2/63	1.14gm	2/43					Della Porta;fctx,6,707-715;1968
a	155m	5.98gm	n.s.s.	15/63	1.14gm	4/43					
b	155m	6.38gm	n.s.s.	12/63	1.14gm	3/43					
c	155m	3.01gm	n.s.s.	46/63	1.14gm	20/43					
3144	155m	5.25gm	n.s.s.	0/30	952.mg	1/49					
a	155m	3.16gm	n.s.s.	3/30	952.mg	5/49					
b	155m	3.24gm	n.s.s.	20/30	952.mg	16/49					
c	155m	2.21gm	n.s.s.	21/30	952.mg	22/49					
3145	155m	9.06gm	n.s.s.	1/99	600.mg	1/48	1.20gm	6/102	3.00gm	4/50	
a	155m	9.65gm	n.s.s.	3/99	600.mg	4/48	1.20gm	1/102	3.00gm	7/50	
b	155m	14.7gm	n.s.s.	3/99	600.mg	2/48	1.20gm	7/102	3.00gm	1/50	
c	155m	8.34gm	n.s.s.	17/99	600.mg	10/48	1.20gm	21/102	3.00gm	8/50	
d	155m	1.97gm	n.s.s.	67/99	600.mg	36/48	1.20gm	77/102	3.00gm	36/50	
3146	155m	10.3gm	n.s.s.	19/99	500.mg	10/50	1.00gm	19/94	2.50gm	1/29	
a	155m	12.6gm	n.s.s.	9/99	500.mg	3/50	1.00gm	10/94	2.50gm	0/29	
b	155m	5.51gm	n.s.s.	55/99	500.mg	27/50	1.00gm	57/94	2.50gm	8/29	
3147	155m	1.77gm	n.s.s.	15/30	1.17gm	10/27					
a	155m	6.36gm	n.s.s.	0/30	1.17gm	0/27					
b	155m	1.61gm	n.s.s.	18/30	1.17gm	12/27					
3148	155m	1.33gm	n.s.s.	19/45	971.mg	11/29					
a	155m	5.69gm	n.s.s.	1/45	971.mg	0/29					
b	155m	1.34gm	n.s.s.	22/45	971.mg	12/29					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
3149	155n	7.94gm	n.s.s.	0/48	407.mg	0/48					
a	155n	1.56gm	n.s.s.	37/48	407.mg	27/48					
3150	155n	6.94gm	n.s.s.	1/48	356.mg	0/48					
a	155n	627.mg	n.s.s.	39/48	356.mg	36/48					
HEXAMETHYLMELAMINE 531-18-0											
3151	200a	4.13mg	52.4mg	0/25	10.6mg	6/24			Cohen;jnci,51,403-417;1973		
a	200a	4.33mg	n.s.s.	1/25	10.6mg	6/24					
b	200a	8.27mg	n.s.s.	0/25	10.6mg	2/24					
c	200a	21.1mg	n.s.s.	0/25	10.6mg	0/24					
d	200a	3.01mg	40.7mg	1/25	10.6mg	9/24					
HEXAMETHYLPHOSPHORAMIDE 680-31-9											
3152	2462m	28.7ug	41.8ug	0/196	16.9ug	39/194	75.3ug	180/219 (.678mg	179/215)	Lee;jnci,68,157-164;1982/1982a/1984/pers.comm.	
a	2462m	34.4ug	50.8ug	0/196	16.9ug	30/194	75.3ug	167/219 (.678mg	168/215)		
b	2462m	47.5ug	72.1ug	0/196	16.9ug	24/194	75.3ug	137/219 (.678mg	120/215)		
c	2462m	.323mg	.928mg	0/196	16.9ug	4/194	75.3ug	21/219 (.678mg	41/215)		
3153	2462n	25.9ug	47.2ug	0/200	4.52ug	0/200	17.9ug	75/200			
a	2462n	28.7ug	53.9ug	0/200	4.52ug	0/200	17.9ug	68/200			
b	2462n	33.2ug	65.2ug	0/200	4.52ug	0/200	17.9ug	59/200			
c	2462n	.231mg	4.00mg	0/200	4.52ug	0/200	17.9ug	5/200			
HEXANAL METHYLFORMYLHYDRAZONE 57590-22-4											
3154	2019	1.97mg	4.96mg	13/48	3.03mg	37/50	6.52mg	45/50		Toth;myco,115,65-71;1991	
a	2019	3.17mg	7.81mg	7/48	3.03mg	26/50	6.52mg	39/50			
b	2019	5.41mg	20.0mg	6/48	3.03mg	21/50	6.52mg	27/50			
c	2019	11.1mg	41.5mg	0/41	3.03mg	2/36	6.52mg	14/43			
d	2019	12.5mg	52.5mg	0/41	3.03mg	2/36	6.52mg	12/43			
e	2019	44.4mg	n.s.s.	0/41	3.03mg	0/36	6.52mg	2/43			
3155	2019	1.12mg	3.86mg	13/48	2.90mg	39/46	(6.69mg	35/50)			
a	2019	3.09mg	13.0mg	3/48	2.90mg	21/46	(6.69mg	15/50)			
b	2019	4.47mg	9.92mg	0/47	2.90mg	3/44	6.69mg	43/50			
c	2019	4.02mg	16.1mg	12/48	2.90mg	31/46	6.69mg	34/50			
d	2019	5.40mg	12.6mg	0/47	2.90mg	0/44	6.69mg	40/50			
e	2019	13.5mg	413.mg	0/36	2.90mg	4/37	6.69mg	3/18			
f	2019	17.2mg	n.s.s.	0/36	2.90mg	4/37	6.69mg	1/18			
g	2019	35.4mg	n.s.s.	0/47	2.90mg	2/44	6.69mg	3/50			
h	2019	28.2mg	n.s.s.	0/36	2.90mg	0/37	6.69mg	2/18			
i	2019	79.8mg	n.s.s.	0/47	2.90mg	1/44	6.69mg	0/50			
HEXANAMIDE 628-02-4											
3156	1343	2.69gm	n.s.s.	0/86p	978.mg	3/41	1.47gm	0/34		Fleischman;jept,3,149-170;1980	
a	1343	3.94gm	n.s.s.	2/89p	978.mg	0/41	1.47gm	2/37			
b	1343	2.09gm	n.s.s.	1/89p	978.mg	0/41	1.47gm	0/37			
3157	1343	1.00gm	4.56gm	0/95p	903.mg	6/35	1.35gm	6/39			
a	1343	1.08gm	5.28gm	0/95p	903.mg	6/35	1.35gm	5/39			
b	1343	1.25gm	7.72gm	0/91p	903.mg	5/35	1.35gm	4/39			
c	1343	952.mg	n.s.s.	1/87p	903.mg	3/35	(1.35gm	0/39)			
d	1343	4.11gm	n.s.s.	0/91p	903.mg	0/35	1.35gm	1/39			
e	1343	4.11gm	n.s.s.	0/91p	903.mg	0/35	1.35gm	1/39			
3158	1343	1.89gm	n.s.s.	0/49	564.mg	0/37					
3159	1343	655.mg	n.s.s.	0/50	452.mg	0/16					
HEXANE, COMMERCIAL GRADE (52% n-HEXANE, 16% 3-METHYLPENTANE, 16% METHYLCYCLOPENTANE) 110-54-3											
3160	2613	5.09gm	58.6gm	0/45	992.mg	6/48	3.31gm	8/48	(9.92gm	5/49)	Daughtrey;faat,48,21-29;1999
a	2613	5.42gm	186.gm	0/45	992.mg	6/48	3.31gm	7/48	(9.92gm	5/49)	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	2613	13.0gm	n.s.s.	7/50	992.mg	8/50	3.31gm	9/49	9.92gm	16/50	
c	2613	25.6gm	n.s.s.	3/50	992.mg	2/50	3.31gm	5/49	9.92gm	6/50	
3161	2613	23.7gm	n.s.s.	17/49	827.mg	16/50	2.76gm	17/50	8.27gm	13/50	
3162	2613	1.74gm	n.s.s.	0/50	236.mg	0/49	788.mg	0/49	2.36gm	0/50	
3163	2613	1.24gm	n.s.s.	0/48	165.mg	0/50	551.mg	0/50	1.65gm	0/50	
1-O-HEXYL-2,3,5-TRIMETHYLHYDROQUINONE 148081-72-5											
3164	2249	129.mg	n.s.s.	0/10	250.mg	0/10					Hirose;carc,16,217-221;1995/pers.comm.
N-HEXYLNITROSOUREA 18774-85-1											
3165	1915	.226mg	2.72mg	2/12	1.36mg	10/12					Lijinsky;txih,5,925-935;1989
a	1915	.361mg	2.59mg	0/12	1.36mg	8/12					
b	1915	.644mg	13.9mg	0/12	1.36mg	5/12					
c	1915	.677mg	n.s.s.	1/12	1.36mg	5/12					
d	1915	3.36mg	n.s.s.	0/12	1.36mg	0/12					
3166	1915	n.s.s.	.460mg	0/12	.952mg	12/12					
a	1915	n.s.s.	.460mg	0/12	.952mg	12/12					
b	1915	.308mg	2.60mg	0/12	.952mg	7/12					
c	1915	.681mg	n.s.s.	0/12	.952mg	3/12					
d	1915	1.38mg	n.s.s.	1/12	.952mg	1/12					
4-HEXYLRESORCINOL 136-77-6											
3167	TR330	124.mg	n.s.s.	39/50	43.8mg	22/50	87.6mg	31/50			
a	TR330	699.mg	n.s.s.	3/50	43.8mg	0/50	87.6mg	1/50			liv:hpa,hpc,nnd.
b	TR330	585.mg	n.s.s.	5/50	43.8mg	0/50	87.6mg	2/50			lun:a/a,a/c.
3168	TR330	158.mg	n.s.s.	0/50	43.8mg	4/50	87.6mg	3/50			hag:adn,can.
a	TR330	187.mg	n.s.s.	1/50	43.8mg	2/50	87.6mg	5/50			
b	TR330	72.4mg	n.s.s.	36/50	43.8mg	34/50	87.6mg	30/50			
c	TR330	115.mg	n.s.s.	21/50	43.8mg	9/50	(87.6mg)	9/50			liv:hpa,hpc,nnd.
d	TR330	225.mg	n.s.s.	10/50	43.8mg	9/50	87.6mg	5/50			lun:a/a,a/c.
3169	TR330	76.1mg	n.s.s.	44/50	44.2mg	39/50	88.4mg	35/50			
a	TR330	548.mg	n.s.s.	1/50	44.2mg	0/50	88.4mg	1/50			liv:hpa,hpc,nnd.
3170	TR330	22.8mg	n.s.s.	44/50	44.2mg	44/50	(88.4mg)	36/50			
a	TR330	376.mg	n.s.s.	0/50	44.2mg	1/50	88.4mg	1/50			liv:hpa,hpc,nnd.
L-HISTIDINE.HCl 645-35-2											
3171	2285	4.42gm	n.s.s.	0/50	607.mg	0/50	1.21gm	0/50			Ikezaki;fctx,34,687-691;1996
3172	2285	8.50gm	n.s.s.	0/50	486.mg	0/49	972.mg	1/50			
HUMIC ACIDS, COMMERCIAL GRADE 1415-93-6											
3173	1806	305.mg	n.s.s.	3/96	100.mg	4/48					Van Duuren;enhp,69,109-117;1986
a	1806	442.mg	n.s.s.	2/96	100.mg	2/48					
b	1806	289.mg	n.s.s.	13/96	100.mg	7/48					
c	1806	32.4mg	n.s.s.	84/96	100.mg	44/48					
3174	1806	113.mg	n.s.s.	22/99	83.3mg	17/50					
a	1806	242.mg	n.s.s.	12/99	83.3mg	7/50					
b	1806	38.8mg	n.s.s.	76/99	83.3mg	42/50					
HYDRAZINE 302-01-2											
3175	1679n	2.32mg	8.95mg	1/200	20.6ug	0/200	82.4ug	1/200	.412mg	16/200	Vernot;faat,5,1050-1064;1985
a	1679n	6.05mg	115.mg	0/200	20.6ug	0/200	82.4ug	0/200	.412mg	4/200	
b	1679n	5.33mg	n.s.s.	0/200	20.6ug	0/200	82.4ug	2/200	.412mg	3/200	
c	1679n	7.19mg	n.s.s.	0/200	20.6ug	0/200	82.4ug	2/200	.412mg	1/200	
d	1679n	11.5mg	n.s.s.	0/200	20.6ug	0/200	82.4ug	0/200	.412mg	1/200	
e	1679n	11.5mg	n.s.s.	0/200	20.6ug	0/200	82.4ug	0/200	.412mg	1/200	
3176	1679n	3.12mg	n.s.s.	4/400	.183mg	12/400					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
3177	1960	12.0mg	n.s.s.	21/50	.400mg	18/50	2.00mg	21/50	10.0mg	23/50					Steinhoff;expl,39,1-9;1990	
a	1960	17.1mg	n.s.s.	27/50	.400mg	37/50	2.00mg	27/50	10.0mg	27/50						
3178	1960	20.7mg	n.s.s.	17/50	.333mg	26/50	1.67mg	22/50	8.33mg	17/50						
a	1960	28.3mg	n.s.s.	26/50	.333mg	24/50	1.67mg	22/50	8.33mg	16/50						
3179	1095	1.71mg	n.s.s.	8/85	5.19mg	6/25									Roe;natu,216,375-376;1967	
3180	1117	1.45mg	5.59mg	14/108	2.00mg	27/50									Toth;ijcn,9,109-118;1972/1969a	
a	1117	1.59mg	6.34mg	12/108	2.00mg	25/50										
b	1117	4.00mg	37.2mg	2/108	2.00mg	9/50										
c	1117	13.1mg	n.s.s.	3/88	2.00mg	1/41										
3181	1117	1.23mg	5.11mg	10/86	1.67mg	24/46										
a	1117	1.47mg	7.69mg	10/86	1.67mg	21/46										
b	1117	2.91mg	16.9mg	0/86	1.67mg	9/46										
c	1117	3.73mg	180.mg	2/86	1.67mg	7/46										
d	1117	4.90mg	n.s.s.	2/41	1.67mg	3/33										
3182	1679m	.485mg	1.29mg	0/150	1.96ug	2/100	9.81ug	0/100	39.3ug	2/100	.196mg	28/100			Vernot;faat,5,1050-1064;1985	
a	1679m	2.64mg	79.3mg	0/150	1.96ug	0/100	9.81ug	0/100	39.3ug	0/100	.196mg	3/100				
b	1679m	2.27mg	n.s.s.	0/150	1.96ug	0/100	9.81ug	0/100	39.3ug	2/100	.196mg	2/100				
c	1679m	2.72mg	n.s.s.	0/150	1.96ug	1/100	9.81ug	0/100	39.3ug	0/100	.196mg	3/100				
d	1679m	3.23mg	n.s.s.	0/150	1.96ug	0/100	9.81ug	0/100	39.3ug	0/100	.196mg	2/100				
e	1679m	4.30mg	n.s.s.	0/150	1.96ug	0/100	9.81ug	0/100	39.3ug	0/100	.196mg	1/100				
3183	1679m	.144mg	.271mg	0/150	1.37ug	2/100	6.87ug	1/100	27.5ug	9/100	.137mg	58/100				
a	1679m	.715mg	3.05mg	0/150	1.37ug	0/100	6.87ug	0/100	27.5ug	1/100	.137mg	12/100				
b	1679m	1.85mg	55.5mg	0/150	1.37ug	0/100	6.87ug	0/100	27.5ug	0/100	.137mg	3/100				
c	1679m	1.85mg	55.5mg	0/150	1.37ug	0/100	6.87ug	0/100	27.5ug	0/100	.137mg	3/100				
d	1679m	.658mg	n.s.s.	7/150	1.37ug	6/100	6.87ug	5/100	27.5ug	9/100	.137mg	13/100				
e	1679m	1.85mg	n.s.s.	0/150	1.37ug	0/100	6.87ug	0/100	27.5ug	1/100	.137mg	2/100				
f	1679m	5.33mg	n.s.s.	0/150	1.37ug	1/100	6.87ug	0/100	27.5ug	0/100	.137mg	0/100				
3184	2390	17.0mg	149.mg	0/50	.114mg	0/50	.571mg	0/50	2.86mg	6/47					Steinhoff;expl,33,133-143;1988	
a	2390	.459mg	n.s.s.	2/50	.114mg	9/50	.571mg	2/50	2.86mg	1/47						
b	2390	31.8mg	n.s.s.	0/50	.114mg	0/50	.571mg	0/50	2.86mg	2/47						
c	2390	5.27mg	n.s.s.	39/50	.114mg	44/50	.571mg	41/50	2.86mg	37/47						
3185	2390	14.9mg	n.s.s.	0/50	.100mg	1/49	.500mg	2/50	2.50mg	4/49						
a	2390	42.3mg	n.s.s.	0/50	.100mg	0/49	.500mg	1/50	2.50mg	0/49						
b	2390	2.77mg	n.s.s.	37/50	.100mg	35/49	.500mg	36/50	2.50mg	40/49						
HYDRAZINE SULFATE 10034-93-2																
3186	1108	39.6mg	813.mg	0/79	16.4mg	4/40									Toth;canr,32,804-807;1972/1967a	
a	1108	42.8mg	895.mg	0/84	16.4mg	4/43										
b	1108	156.mg	n.s.s.	0/84	16.4mg	0/43										
c	1108	156.mg	n.s.s.	0/84	16.4mg	0/43										
3187	1108	41.0mg	241.gm	0/64	14.4mg	3/33										
a	1108	23.3mg	n.s.s.	1/22	14.4mg	0/6										
b	1108	194.mg	n.s.s.	0/86	14.4mg	0/50										
3188	1821	95.1mg	431.mg	0/31	20.4mg	0/31	40.8mg	4/31	61.2mg	9/31					Bosan;carc,8,439-444;1987	
a	1821	420.mg	n.s.s.	0/31	20.4mg	0/31	40.8mg	0/31	61.2mg	1/31						
b	1821	421.mg	n.s.s.	0/31	20.4mg	0/31	40.8mg	1/31	61.2mg	0/31						
c	1821	421.mg	n.s.s.	0/31	20.4mg	0/31	40.8mg	1/31	61.2mg	0/31						
3189	2324	47.0mg	336.mg	0/8	20.4mg	1/17	40.8mg	3/24	61.2mg	10/23					FitzGerald;carc,17,2703-2709;1996/pers.comm.	
a	2324	47.0mg	336.mg	0/8	20.4mg	1/17	40.8mg	3/24	61.2mg	10/23						
b	2324	140.mg	n.s.s.	0/8	20.4mg	0/17	40.8mg	1/24	61.2mg	2/23						
3190	158	87.1mg	n.s.s.	0/30	24.0mg	0/40									Toth;jnci,42,469-475;1969a/1966a	
a	158	87.1mg	n.s.s.	0/30	24.0mg	0/40										
3191	158	22.9mg	n.s.s.	1/11	20.0mg	1/20										
a	158	52.6mg	n.s.s.	1/16	20.0mg	0/29										
3192	158	37.7mg	n.s.s.	0/22	24.0mg	4/36										
3193	1074	1.58mg	7.60mg	4/47	21.8mg	19/21									Biancifiori;bjca,18,543-550;1964	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	1074	3.19mg	14.5mg	2/47	21.8mg	15/21				
3194	1074	2.62mg	11.3mg	1/37	16.0mg	16/21				
a	1074	4.01mg	26.7mg	4/37	16.0mg	13/21				
3195	156	5.58mg	21.6mg	0/12	37.7mg	17/24			Bhide;ijcn,18,530-535;1976	
a	156	91.9mg	n.s.s.	0/12	37.7mg	0/24				
3196	156	19.5mg	n.s.s.	0/12	31.4mg	2/16				
a	156	51.1mg	n.s.s.	0/12	31.4mg	0/16				
3197	158	13.1mg	57.1mg	14/109	24.0mg	24/47			Toth;jnci,42,469-475;1969a/1966a	
a	158	14.5mg	66.4mg	12/109	24.0mg	22/47				
b	158	49.0mg	n.s.s.	2/109	24.0mg	5/47				
c	158	97.1mg	n.s.s.	3/78	24.0mg	1/36				
3198	158	10.8mg	39.8mg	10/110	20.0mg	25/50				
a	158	12.7mg	55.2mg	10/110	20.0mg	22/50				
b	158	32.0mg	237.mg	0/110	20.0mg	7/50				
c	158	18.7mg	n.s.s.	2/40	20.0mg	3/17				
3199	1525	2.23mg	7.57mg	1/47	27.6mg	22/30			Maru;clet,17,75-80;1982	
a	1525	28.4mg	n.s.s.	7/47	27.6mg	2/30				
3200	1552	6.55mg	15.7mg	1/20	27.6mg	51/63			Menon;zkko,105,258-261;1983	
3201	157	16.0mg	274.mg	0/22	24.7mg	5/18			Severi;jnci,41,331-349;1968	
a	157	54.0mg	n.s.s.	0/22	24.7mg	0/13				
3202	157	13.5mg	231.mg	0/28	25.9mg	4/13				
a	157	18.1mg	1.95gm	0/28	25.9mg	3/14				
2-HYDRAZINO-4-(p-AMINOPHENYL) THIAZOLE 26049-71-8										
3203	1076	3.84mg	n.s.s.	1/28	9.06mg	5/22			Cohen;canr,33,1593-1597;1973	
a	1076	16.5mg	n.s.s.	0/28	9.06mg	0/22				
b	1076	16.5mg	n.s.s.	0/28	9.06mg	0/22				
c	1076	3.84mg	n.s.s.	1/28	9.06mg	5/22				
3204	200a	.587mg	2.05mg	6/71	3.07mg	24/35			Cohen;jnci,51,403-417;1973	
a	200a	.548mg	2.56mg	18/71	3.07mg	26/35				
b	200a	2.69mg	31.4mg	0/71	3.07mg	5/35				
c	200a	11.5mg	n.s.s.	0/71	3.07mg	0/35				
d	200a	.315mg	1.21mg	18/71	3.07mg	31/35				
2-HYDRAZINO-4-(5-NITRO-2-FURYL) THIAZOLE (HNT) 26049-68-3										
3205	1076	7.27mg	48.5mg	0/29	54.4mg	8/17			Cohen;canr,33,1593-1597;1973	
a	1076	53.3mg	n.s.s.	0/29	54.4mg	0/17				
b	1076	53.3mg	n.s.s.	0/29	54.4mg	0/17				
c	1076	3.58mg	20.0mg	2/29	54.4mg	13/17				
3206	1073	1.09mg	7.37mg	2/29	37.1mg	15/16			Erturk;jnci,47,437-445;1971/1970a	
a	1073	3.64mg	20.5mg	0/29	37.1mg	10/16				
b	1073	8.18mg	n.s.s.	2/29	37.1mg	5/16				
c	1073	11.1mg	n.s.s.	0/29	37.1mg	3/16				
d	1073	36.8mg	n.s.s.	0/29	37.1mg	0/16				
e	1073	1.09mg	7.37mg	2/29	37.1mg	15/16				
3207	1121	2.00mg	7.00mg	4/35	31.0mg	32/35			Cohen;canr,30,897-901;1970	
a	1121	6.26mg	21.3mg	0/35	31.0mg	19/35				
b	1121	35.8mg	n.s.s.	0/35	31.0mg	2/35				
c	1121	48.1mg	n.s.s.	0/35	31.0mg	1/35				
d	1121	n.s.s.	3.77mg	4/35	31.0mg	35/35				
2-HYDRAZINO-4-(p-NITROPHENYL) THIAZOLE 26049-70-7										
3208	1076	3.63mg	n.s.s.	1/28	9.06mg	5/21			Cohen;canr,33,1593-1597;1973	
a	1076	6.14mg	n.s.s.	0/28	9.06mg	2/21				
b	1076	15.8mg	n.s.s.	0/28	9.06mg	0/21				
c	1076	3.13mg	n.s.s.	1/28	9.06mg	6/21				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
3209	200a	.917mg	11.6mg	18/71	3.07mg	20/35			Cohen;jnci,51,403-417;1973	
a	200a	1.62mg	34.6mg	6/71	3.07mg	11/35				
b	200a	3.11mg	61.2mg	0/71	3.07mg	4/35				
c	200a	11.5mg	n.s.s.	0/71	3.07mg	0/35				
d	200a	.406mg	1.62mg	18/71	3.07mg	29/35				
3210	1121	4.95mg	17.3mg	4/35	73.8mg	27/34			Cohen;canr,30,897-901;1970	
a	1121	5.64mg	17.3mg	0/35	73.8mg	25/34				
b	1121	11.8mg	46.3mg	0/35	73.8mg	15/34				
c	1121	129.mg	n.s.s.	0/35	73.8mg	0/34				
d	1121	n.s.s.	5.63mg	4/35	73.8mg	34/34				
2-HYDRAZINO-4-PHENYLTHIAZOLE 34176-52-8										
3211	200a	70.9mg	n.s.s.	0/25	26.7mg	0/32			Cohen;jnci,51,403-417;1973	
a	200a	31.5mg	n.s.s.	1/25	26.7mg	2/32				
p-HYDRAZINOBENZOIC ACID 619-67-0										
3212	1095	21.7mg	n.s.s.	8/85	20.8mg	1/25			Roe;natu,216,375-376;1967	
p-HYDRAZINOBENZOIC ACID.HCl 24589-77-3										
3213	1741	462.mg	3.77gm	0/45	250.mg	7/36			McManus;livt,57,78-85;1987	
a	1741	680.mg	212.gm	0/45	250.mg	4/36				
b	1741	469.mg	n.s.s.	5/48	250.mg	13/49				
c	1741	806.mg	n.s.s.	0/45	250.mg	3/36				
d	1741	385.mg	n.s.s.	12/48	250.mg	19/49				
e	1741	865.mg	n.s.s.	7/48	250.mg	8/49				
3214	1741	216.mg	862.mg	2/46	208.mg	21/50				
a	1741	309.mg	2.24gm	2/46	208.mg	15/50				
b	1741	606.mg	11.3gm	0/46	208.mg	6/50				
c	1741	219.mg	n.s.s.	10/40	208.mg	15/33				
d	1741	191.mg	n.s.s.	15/39	208.mg	15/28				
e	1741	652.mg	n.s.s.	9/40	208.mg	6/33				
HYDRAZOBENZENE 122-66-7										
3215	TR92	15.2mg	53.2mg	3/100	4.30mg	4/47	42.2mg	22/50		liv:hpa,hpc.
a	TR92	16.9mg	63.7mg	3/100	4.30mg	4/47	42.2mg	20/50		
b	TR92	15.7mg	126.mg	29/100	4.30mg	19/47	42.2mg	29/50		
c	TR92	15.2mg	53.2mg	3/100	4.30mg	4/47	42.2mg	22/50		liv:hpa,hpc,nnd.
d	TR92	100.mg	n.s.s.	5/100	4.30mg	3/47	42.2mg	2/50		lun:a/a,a/c.
3216	TR92	49.6mg	n.s.s.	45/100	7.90mg	18/50	39.4mg	17/50		
a	TR92	61.0mg	n.s.s.	20/100	7.90mg	11/50	39.4mg	9/50		liv:hpa,hpc,nnd.
b	TR92	148.mg	n.s.s.	15/100	7.90mg	2/50	39.4mg	3/50		lun:a/a,a/c.
3217	TR92	3.58mg	15.9mg	1/100	1.40mg	3/50	3.60mg	12/50		liv:nnd; mgl:acn. C
a	TR92	5.11mg	50.7mg	1/100	1.40mg	3/50	3.60mg	6/50		
b	TR92	7.27mg	64.9mg	0/100	1.40mg	0/50	3.60mg	6/50		
c	TR92	1.61mg	n.s.s.	80/100	1.40mg	39/50	3.60mg	36/50		
d	TR92	7.27mg	64.9mg	0/100	1.40mg	0/50	3.60mg	6/50		liv:hpa,hpc,nnd.
3218	TR92	2.37mg	5.97mg	6/99	2.30mg	14/50	8.80mg	38/50		liv:hpc,nnd; zym:sqc. C
a	TR92	2.44mg	6.30mg	6/99	2.30mg	13/50	8.80mg	37/50		liv:hpc,nnd.
b	TR92	3.05mg	7.77mg	1/99	2.30mg	5/50	8.80mg	31/50		
c	TR92	7.08mg	323.mg	15/99	2.30mg	7/50	8.80mg	16/50		S
d	TR92	14.8mg	258.mg	1/99	2.30mg	2/50	8.80mg	6/50		eac:sqc,scp; zym:sqc. S
e	TR92	15.5mg	157.mg	0/99	2.30mg	1/50	8.80mg	5/50		
f	TR92	3.13mg	342.mg	62/99	2.30mg	36/50	8.80mg	43/50		
g	TR92	2.44mg	6.30mg	6/99	2.30mg	13/50	8.80mg	37/50		liv:hpa,hpc,nnd.

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
HYDROCHLORIC ACID (hydrogen chloride) 7647-01-0											
3219	1674	14.8mg	n.s.s.	1/99	.781mg	1/99				Sellakumar;txap,81,401-406;1985	
a	1674	24.1mg	n.s.s.	0/99	.781mg	0/99					
HYDROCHLOROFUOROCARBON 123 306-83-2											
3220	2240	9.27gm	82.2gm	0/65	140.mg	0/67	468.mg	0/67	2.34gm	6/69	Malley;faat,25,101-114;1995
a	2240	9.07gm	n.s.s.	0/65	140.mg	5/67	468.mg	2/67	2.34gm	7/69	
b	2240	15.4gm	n.s.s.	0/65	140.mg	2/67	468.mg	0/67	2.34gm	2/69	
3221	2240	661.mg	4.43gm	1/67	98.3mg	4/66	328.mg	12/66	(1.64gm	14/66)	
a	2240	3.20gm	n.s.s.	4/67	98.3mg	12/66	328.mg	9/66	1.64gm	14/66	
b	2240	4.93gm	n.s.s.	3/67	98.3mg	2/66	328.mg	2/66	1.64gm	8/66	
c	2240	12.1gm	n.s.s.	1/67	98.3mg	0/66	328.mg	0/66	1.64gm	2/66	
HYDROCHLOROTHIAZIDE 58-93-5											
3222	TR357	846.mg	n.s.s.	36/50	320.mg	35/50	638.mg	27/50			
a	TR357	2.74gm	n.s.s.	3/50	320.mg	5/50	638.mg	1/50			liv:hpa,hpc,nnd.
b	TR357	3.18gm	n.s.s.	4/50	320.mg	3/50	638.mg	2/50			lun:a/a,a/c.
3223	TR357	612.mg	24.4gm	7/50	296.mg	10/50	589.mg	21/50			liv:hpa,hpc.
a	TR357	747.mg	20.3gm	3/50	296.mg	8/50	589.mg	14/50			S
b	TR357	610.mg	n.s.s.	30/50	296.mg	20/50	589.mg	34/50			
c	TR357	612.mg	24.4gm	7/50	296.mg	10/50	589.mg	21/50			liv:hpa,hpc,nnd.
d	TR357	1.59gm	n.s.s.	8/50	296.mg	4/50	589.mg	9/50			lun:a/a,a/c.
3224	TR357	88.0mg	n.s.s.	49/50	12.4mg	39/50	24.6mg	39/50	99.1mg	37/50	
a	TR357	n.s.s.	n.s.s.	0/50	12.4mg	0/50	24.6mg	0/50	99.1mg	0/50	liv:hpa,hpc,nnd.
3225	1854	18.4mg	69.4mg	0/24	44.0mg	18/24					Lijinsky;txih,3,413-422;1987/pers.comm.
a	1854	46.7mg	285.mg	0/24	44.0mg	9/24					
b	1854	180.mg	n.s.s.	0/24	44.0mg	1/24					
c	1854	152.mg	n.s.s.	4/24	44.0mg	3/24					
d	1854	194.mg	n.s.s.	4/24	44.0mg	2/24					
3226	TR357	29.2mg	n.s.s.	50/50	9.91mg	43/50	19.8mg	44/50	79.2mg	45/50	
a	TR357	143.mg	n.s.s.	1/50	9.91mg	0/50	19.8mg	1/50	79.2mg	2/50	liv:hpa,hpc,nnd.
3227	1854	19.3mg	72.9mg	0/24	46.2mg	18/24					Lijinsky;txih,3,413-422;1987/pers.comm.
a	1854	36.1mg	169.mg	0/24	46.2mg	12/24					
b	1854	64.1mg	n.s.s.	6/24	46.2mg	9/24					
c	1854	357.mg	n.s.s.	1/24	46.2mg	0/24					
d	1854	357.mg	n.s.s.	3/24	46.2mg	0/24					
e	1854	357.mg	n.s.s.	2/24	46.2mg	0/24					
HYDROCORTISONE (cortisol) 50-23-7											
3228	1134	27.5mg	n.s.s.	3/33	5.36mg	2/40					Schmahl;zkko,86,77-84;1976
3229	1134	32.0mg	n.s.s.	1/36	5.36mg	0/29					
a	1134	32.0mg	n.s.s.	1/36	5.36mg	0/29					
HYDROGEN PEROXIDE 7722-84-1											
3230	1381m	2.60gm	151.gm	0/50	200.mg	0/50	800.mg	4/49			Ito;gann,72,174-175;1981/1981a/pers.comm.
a	1381m	561.mg	n.s.s.	1/50	200.mg	4/50	(800.mg	0/49)			
b	1381m	2.02gm	n.s.s.	1/50	200.mg	4/50	800.mg	4/49			
c	1381m	1.52gm	n.s.s.	0/50	200.mg	0/50	800.mg	0/49			
3231	1381m	1.75gm	n.s.s.	0/48	167.mg	3/51	667.mg	3/50			
a	1381m	2.25gm	n.s.s.	0/48	167.mg	2/51	667.mg	2/50			
b	1381m	3.23gm	n.s.s.	0/48	167.mg	1/51	667.mg	1/50			
c	1381m	4.80gm	n.s.s.	0/48	167.mg	1/51	667.mg	0/50			
HYDROQUINONE 123-31-9											
3232	TR366	32.3mg	305.mg	2/55	35.0mg	15/55	(70.0mg	12/55)			S
a	TR366	62.8mg	4.53gm	3/55	35.0mg	16/55	70.0mg	13/55			liv:hpa,hpc.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR366	63.5mg	n.s.s.	43/55	35.0mg	42/55	70.0mg	39/55		
c	TR366	62.8mg	4.53gm	3/55	35.0mg	16/55	70.0mg	13/55		liv:hpa,hpc,nnd.
d	TR366	203.mg	n.s.s.	4/55	35.0mg	6/55	70.0mg	4/55		lun:a/a,a/c.
3233	1929	2.92gm	n.s.s.	0/29	1.04gm	1/30			Shibata;gann,82,1211-1219;1991	
a	1929	5.48gm	n.s.s.	0/29	1.04gm	0/30				
b	1929	5.48gm	n.s.s.	1/29	1.04gm	0/30				
3234	TR366	45.4mg	n.s.s.	39/55	35.3mg	46/55	70.5mg	44/55		
a	TR366	63.4mg	n.s.s.	20/55	35.3mg	29/55	70.5mg	25/55		liv:hpa,hpc,nnd.
b	TR366	183.mg	n.s.s.	14/55	35.3mg	11/55	70.5mg	10/55		lun:a/a,a/c.
3235	1929	572.mg	n.s.s.	6/28	960.mg	14/30			Shibata;gann,82,1211-1219;1991	
a	1929	1.61gm	n.s.s.	0/28	960.mg	3/30				
b	1929	1.69gm	n.s.s.	7/28	960.mg	6/30				
3236	TR366	27.9mg	747.mg	9/55	17.6mg	15/55	35.3mg	22/55		
a	TR366	15.6mg	n.s.s.	47/55	17.6mg	49/55	35.3mg	50/55		
b	TR366	n.s.s.	n.s.s.	0/55	17.6mg	0/55	35.3mg	0/55		liv:hpa,hpc,nnd.
3237	TR366	32.1mg	181.mg	0/55	17.6mg	4/55	35.2mg	8/55		
a	TR366	17.7mg	n.s.s.	14/55	17.6mg	19/55	35.2mg	21/55		amd:pbb,phm,pob. S
b	TR366	19.9mg	n.s.s.	13/55	17.6mg	17/55	35.2mg	19/55		amd:pbb,pob. S
c	TR366	12.7mg	n.s.s.	49/55	17.6mg	46/55	35.2mg	48/55		
d	TR366	82.6mg	n.s.s.	3/55	17.6mg	2/55	35.2mg	2/55		liv:hpa,hpc,nnd.
3238	1929	1.32gm	n.s.s.	0/30	400.mg	1/30			Shibata;gann,82,1211-1219;1991	
a	1929	1.20gm	n.s.s.	2/30	400.mg	2/30				
b	1929	2.47gm	n.s.s.	0/30	400.mg	0/30				
3239	1929	185.mg	766.mg	0/30	320.mg	14/30				
a	1929	1.32gm	n.s.s.	2/30	320.mg	1/30				
b	1929	1.19gm	n.s.s.	1/30	320.mg	1/30				
HYDROQUINONE MONOBENZYL ETHER (agerite alba) 103-16-2										
3240	1308	383.mg	n.s.s.	0/17	205.mg	0/17				Innes;ntis,1968/1969
a	1308	383.mg	n.s.s.	1/17	205.mg	0/17				
b	1308	180.mg	n.s.s.	2/17	205.mg	2/17				
3241	1308	178.mg	n.s.s.	2/18	190.mg	2/18				
a	1308	225.mg	n.s.s.	1/18	190.mg	1/18				
b	1308	150.mg	n.s.s.	3/18	190.mg	3/18				
3242	1308	383.mg	n.s.s.	0/16	205.mg	0/17				
a	1308	383.mg	n.s.s.	0/16	205.mg	0/17				
b	1308	201.mg	n.s.s.	0/16	205.mg	1/17				
3243	1308	115.mg	n.s.s.	0/16	190.mg	3/18				
a	1308	115.mg	n.s.s.	0/16	190.mg	3/18				
b	1308	60.3mg	576.mg	0/16	190.mg	7/18				
3-HYDROXY-4-ACETYLAMINOBIPHENYL 4463-22-3										
3244	1424	7.94mg	n.s.s.	0/15	12.3mg	0/8			Miller;jnci,15,1571-1590;1955	
N-HYDROXY-2-ACETYLAMINOFUORENE (hydroxy-N-2-fluorenylacamide) 53-95-2										
3245	308m	1.07mg	4.56mg	0/17	17.0mg	16/20			Miller;canr,24,2018-2026;1964	
a	308m	6.27mg	n.s.s.	0/17	17.0mg	3/20				
3246	308n	.652mg	n.s.s.	0/8	3.43mg	3/8				
a	308n	2.49mg	n.s.s.	0/8	3.43mg	0/8				
b	308n	2.49mg	n.s.s.	0/8	3.43mg	0/8				
3247	1628	3.08mg	14.3mg	0/16	25.6mg	14/18			Enomoto;jjem,44,37-54;1974	
a	1628	3.62mg	17.1mg	0/16	25.6mg	13/18				
b	1628	7.10mg	52.5mg	0/16	25.6mg	8/18				
c	1628	7.10mg	52.5mg	0/16	25.6mg	8/18				
d	1628	10.9mg	632.mg	0/16	25.6mg	5/18				
e	1628	26.7mg	n.s.s.	0/16	25.6mg	1/18				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
f	1628	34.0mg	n.s.s.	2/16	25.6mg	1/18				
3248	162a	.805mg	4.90mg	0/20	4.00mg	9/20			Yamamoto;ijcn,2,337-343;1967	
a	162a	.908mg	6.43mg	0/20	4.00mg	8/20				
3249	162a	.352mg	1.55mg	0/20	3.20mg	14/20				
a	162a	2.64mg	n.s.s.	0/20	3.20mg	1/20				
3-HYDROXY-4-AMINOBIIPHENYL (4-amino-3-hydroxybiphenyl) 4363-03-5										
3250	1424	5.45mg	n.s.s.	0/15	9.67mg	0/7			Miller;jnci,15,1571-1590;1955	
3-HYDROXY-p-BUTYROPHENETIDIDE (betadid, bucetin) 1083-57-4										
3251	1835	1.38gm	n.s.s.	0/46	795.mg	4/47	(1.76gm	0/46)	Togei;jnci,79,1151-1158;1987	
a	1835	3.06gm	n.s.s.	1/46	795.mg	6/47	1.76gm	3/46		
b	1835	8.72gm	n.s.s.	0/46	795.mg	1/47	1.76gm	0/46		
3252	1835	2.50gm	32.0gm	0/47	745.mg	2/45	1.54gm	6/46		
a	1835	997.mg	n.s.s.	1/47	745.mg	6/45	(1.54gm	1/46)		
b	1835	2.53gm	n.s.s.	0/47	745.mg	4/45	1.54gm	4/46		
c	1835	1.60gm	n.s.s.	6/47	745.mg	12/45	1.54gm	10/46		
d	1835	833.mg	n.s.s.	14/47	745.mg	14/45	(1.54gm	0/46)		
e	1835	7.55gm	n.s.s.	0/47	745.mg	0/45	1.54gm	1/46		
f	1835	5.29gm	n.s.s.	3/47	745.mg	1/45	1.54gm	3/46		
g	1835	6.91gm	n.s.s.	7/47	745.mg	4/45	1.54gm	2/46		
1-HYDROXYANTHRAQUINONE 129-43-1										
3253	1937	32.9mg	112.mg	0/30	400.mg	25/29			Mori;carc,11,799-802;1990	
a	1937	112.mg	517.mg	0/30	400.mg	12/29				
b	1937	112.mg	517.mg	0/30	400.mg	12/29				
c	1937	112.mg	517.mg	0/30	400.mg	12/29				
d	1937	122.mg	605.mg	0/30	400.mg	11/29				
e	1937	134.mg	726.mg	0/30	400.mg	10/29				
f	1937	235.mg	7.54gm	0/30	400.mg	5/29				
g	1937	235.mg	7.54gm	0/30	400.mg	5/29				
h	1937	272.mg	n.s.s.	0/30	400.mg	4/29				
i	1937	272.mg	n.s.s.	0/30	400.mg	4/29				
j	1937	544.mg	n.s.s.	0/30	400.mg	1/29				
3254	2235	81.7mg	1.56gm	0/10	400.mg	5/10			Yoshimi;clet,97,75-82;1995/pers.comm.	
a	2235	129.mg	n.s.s.	0/10	400.mg	3/10				
b	2235	129.mg	n.s.s.	0/10	400.mg	3/10				
c	2235	129.mg	n.s.s.	0/10	400.mg	3/10				
1'-HYDROXYESTRAGOLE 51410-44-7										
3255	1582	35.2mg	104.mg	0/50	80.7mg	24/50			Miller;canr,43,1124-1134;1983	
a	1582	383.mg	n.s.s.	2/50	80.7mg	1/50				
1-(2-HYDROXYETHYL)-3-[(5-NITROFURFURYLIDENE) AMINO] -2-IMIDAZOLIDINONE 5036-03-3										
3256	200a	8.90mg	36.9mg	0/25	34.8mg	14/32			Cohen;jnci,51,403-417;1973	
a	200a	92.6mg	n.s.s.	0/25	34.8mg	0/32				
b	200a	9.19mg	56.5mg	1/25	34.8mg	14/32				
1-(2-HYDROXYETHYL)-NITROSO-3-ETHYLUREA 96724-45-7										
3257	2010	.261mg	1.22mg	0/12	.443mg	6/12	.885mg	8/12	Lijinsky;vivo,4,1-6;1990	
a	2010	.730mg	n.s.s.	0/12	.443mg	0/12	.885mg	0/12		
3258	2010	.224mg	1.28mg	0/12	.310mg	5/12	.620mg	7/12		
a	2010	.276mg	2.22mg	0/12	.310mg	4/12	.620mg	6/12		
b	2010	.297mg	2.13mg	0/12	.310mg	2/12	.620mg	7/12		
c	2010	.337mg	3.30mg	0/12	.310mg	2/12	.620mg	6/12		
d	2010	.440mg	n.s.s.	0/12	.310mg	2/12	.620mg	4/12		

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
1- (2-HYDROXYETHYL)-1-NITROSOUREA (N-nitroso-2-hydroxethylurea) 13743-07-2									
3259	1967	.327mg	1.28mg	1/15	4.29mg	11/14	8.57mg	13/15	Mirvish;clet,54,101-106;1990/pers.comm.
a	1967	1.00mg	6.03mg	0/15	4.29mg	5/14	8.57mg	7/15	
b	1967	n.s.s.	.453mg	2/15	4.29mg	14/14	8.57mg	15/15	
3260	1967	.173mg	.988mg	0/12	3.57mg	11/14	(7.14mg	6/15)	
a	1967	.671mg	3.06mg	0/12	3.57mg	4/14	7.14mg	10/15	
b	1967	.170mg	.832mg	2/12	3.57mg	11/14	7.14mg	15/15	
3261	1792m	.183mg	2.36mg	0/20	.707mg		6/20		Lijinsky;gann,79,181-186;1988/1986
a	1792m	.376mg	n.s.s.	0/20	.707mg		2/20		
b	1792m	.512mg	n.s.s.	0/20	.707mg		1/20		
c	1792m	.512mg	n.s.s.	0/20	.707mg		1/20		
d	1792m	.461mg	n.s.s.	2/20	.707mg		2/20		
e	1792m	.581mg	n.s.s.	1/20	.707mg		1/20		
3262	1792m	38.9ug	.188mg	1/20	.540mg		15/20		
a	1792m	90.6ug	.641mg	0/20	.540mg		8/20		
b	1792m	.103mg	.910mg	0/20	.540mg		7/20		
c	1792m	.192mg	n.s.s.	0/20	.540mg		3/20		
d	1792m	.241mg	n.s.s.	0/20	.540mg		2/20		
e	1792m	.153mg	n.s.s.	2/20	.540mg		5/20		
f	1792m	.170mg	n.s.s.	1/20	.540mg		4/20		
g	1792m	.183mg	n.s.s.	2/20	.540mg		4/20		
3263	2038m	.956mg	n.s.s.	0/10	1.12mg		3/20		Mirvish;jtxe,32,59-74;1991/pers.comm.
a	2038m	.956mg	n.s.s.	0/10	1.12mg		3/20		
b	2038m	1.63mg	n.s.s.	0/10	1.12mg		1/20		
c	2038m	.163mg	.696mg	0/10	1.12mg		16/20		
3264	1246	.786mg	5.40mg	1/26	2.10mg		15/40		Bulay;jnci,62,1523-1528;1979
a	1246	1.02mg	5.89mg	0/26	2.10mg		11/40		
b	1246	1.02mg	5.89mg	0/26	2.10mg		11/40		
c	1246	.190mg	.903mg	10/26	2.10mg		36/40		
3265	2038m	.591mg	n.s.s.	0/5	.983mg		5/20		Mirvish;jtxe,32,59-74;1991/pers.comm.
a	2038m	.591mg	n.s.s.	0/5	.983mg		5/20		
b	2038m	.694mg	n.s.s.	0/5	.983mg		4/20		
c	2038m	.836mg	n.s.s.	0/5	.983mg		3/20		
d	2038m	92.9ug	.450mg	0/5	.983mg		18/20		
3266	2038n	.857mg	4.69mg	0/10	2.14mg		15/30		
a	2038n	1.78mg	n.s.s.	0/10	2.14mg		7/30		
b	2038n	2.00mg	n.s.s.	0/10	2.14mg		6/30		
c	2038n	1.43mg	n.s.s.	1/10	2.14mg		10/30		
d	2038n	3.92mg	n.s.s.	0/10	2.14mg		2/30		
e	2038n	9.92mg	n.s.s.	0/10	2.14mg		0/30		
f	2038n	.314mg	1.27mg	1/10	2.14mg		26/30		
4- (2-HYDROXYETHYLAMINO) -2- (5-NITRO-2-THIENYL) QUINAZOLINE 33389-36-5									
3267	1390	2.16mg	7.49mg	0/84	17.4mg		20/28		Cohen;jnci,57,277-282;1976
a	1390	21.5mg	n.s.s.	0/84	17.4mg		1/28		
b	1390	.939mg	3.79mg	6/84	17.4mg		26/28		
2-HYDROXYETHYLHYDRAZINE (BOH) 109-84-2									
3268	160	44.7mg	28.1gm	0/100	20.5mg		3/50		Shimizu;jnci,52,903-906;1974
a	160	137.mg	n.s.s.	0/100	20.5mg		0/50		
3269	160	29.9mg	49.0gm	1/100	18.0mg		5/50		
a	160	121.mg	n.s.s.	0/100	18.0mg		0/50		
3270	159	.670mg	n.s.s.	2/15	.708mg		2/17		Innes;ntis,1968/1969
a	159	1.39mg	n.s.s.	1/15	.708mg		0/17		
b	159	.508mg	n.s.s.	2/15	.708mg		3/17		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
3271	159	.148mg	.820mg	0/18	.660mg	10/18				
a	159	.912mg	n.s.s.	2/18	.660mg	1/18				
b	159	.975mg	n.s.s.	3/18	.660mg	1/18				
c	159	.163mg	n.s.s.	3/18	.660mg	10/18				
3272	159	.777mg	n.s.s.	0/17	.708mg	1/18				
a	159	.777mg	n.s.s.	0/17	.708mg	1/18				
b	159	.628mg	n.s.s.	1/17	.708mg	2/18				
3273	159	.212mg	n.s.s.	1/17	.660mg	7/17				
a	159	.774mg	n.s.s.	1/17	.660mg	1/17				
b	159	.177mg	n.s.s.	7/17	.660mg	10/17				
3274	160	65.1mg	n.s.s.	21/100	30.0mg	7/50			Shimizu;jnci,52,903-906;1974	
a	160	107.mg	n.s.s.	3/100	30.0mg	1/50				
3275	160	84.2mg	n.s.s.	23/100	25.0mg	4/50				
a	160	100.mg	n.s.s.	6/100	25.0mg	1/50				
1-(3-HYDROXYPROPYL)-1-NITROSOUREA 71752-70-0										
3276	1915m	.433mg	n.s.s.	0/12	.751mg	4/12			Lijinsky;txih,5,925-935;1989	
a	1915m	.433mg	n.s.s.	0/12	.751mg	4/12				
b	1915m	1.86mg	n.s.s.	1/12	.751mg	0/12				
3277	1915n	1.29mg	n.s.s.	0/12	.520mg	0/12				
3278	1915m	.249mg	5.36mg	0/12	.526mg	5/12				
a	1915m	.303mg	n.s.s.	0/12	.526mg	4/12				
b	1915m	.484mg	n.s.s.	0/12	.526mg	2/12				
c	1915m	.405mg	n.s.s.	1/12	.526mg	3/12				
d	1915m	.531mg	n.s.s.	1/12	.526mg	2/12				
3279	1915n	.260mg	n.s.s.	0/12	.364mg	3/12				
a	1915n	.280mg	n.s.s.	1/12	.364mg	3/12				
8-HYDROXYQUINOLINE (8-quinolinol) 148-24-3										
3280	TR276	305.mg	n.s.s.	0/50	193.mg	5/50	(386.mg	1/50)		---:hem,hes. S
a	TR276	172.mg	n.s.s.	33/50	193.mg	30/50	(386.mg	25/50)		
b	TR276	1.36gm	n.s.s.	5/50	193.mg	2/50	386.mg	4/50	liv:hpa,hpc,nnd.	
c	TR276	713.mg	n.s.s.	2/50	193.mg	5/50	386.mg	5/50	lun:a/a,a/c.	
3281	TR276	373.mg	n.s.s.	35/50	178.mg	35/50	357.mg	35/50		
a	TR276	478.mg	n.s.s.	14/50	178.mg	15/50	357.mg	17/50	liv:hpa,hpc,nnd.	
b	TR276	550.mg	n.s.s.	6/50	178.mg	10/50	357.mg	10/50	lun:a/a,a/c.	
3282	TR276	84.9mg	n.s.s.	40/50	74.3mg	44/50	149.mg	45/50		
a	TR276	552.mg	n.s.s.	4/50	74.3mg	2/50	149.mg	4/50	liv:hpa,hpc,nnd.	
3283	1529	285.mg	n.s.s.	3/44	50.0mg	1/39			Fukushima;clet,14,115-123;1981	
3284	TR276	277.mg	n.s.s.	0/50	59.4mg	3/50	119.mg	4/50	lun:a/a,a/c. S	S
a	TR276	362.mg	n.s.s.	0/50	59.4mg	0/50	119.mg	4/50		
b	TR276	141.mg	n.s.s.	43/50	59.4mg	42/50	119.mg	36/50		
c	TR276	693.mg	n.s.s.	7/50	59.4mg	1/50	119.mg	3/50	liv:hpa,hpc,nnd.	
3285	166m	165.mg	n.s.s.	0/10	320.mg	0/10			Yamamoto;txap,19,687-698;1971	
3286	166n	136.mg	n.s.s.	0/15	320.mg	4/15				
a	166n	556.mg	n.s.s.	0/15	320.mg	0/15				
3287	1529	81.4mg	n.s.s.	0/31	40.0mg	3/31			Fukushima;clet,14,115-123;1981	
1'-HYDROXYSAFROLE 5208-87-7										
3288	1581n	404.mg	n.s.s.	1/44	135.mg	2/41	260.mg	3/42	Boberg;canr,43,5163-5173;1983	
3289	1581n	36.6mg	81.6mg	1/49	135.mg	24/38	260.mg	27/38		
3290	1035c	37.7mg	125.mg	0/53	483.mg	30/33			Wislocki;canr,37,1883-1891;1977	
a	1035c	587.mg	17.2gm	0/55	483.mg	5/50				
b	1035c	2.45gm	n.s.s.	0/55	483.mg	0/50				
3291	1581m	32.7mg	77.2mg	0/32	135.mg	17/29	260.mg	25/32	Boberg;canr,43,5163-5173;1983	
a	1581m	597.mg	n.s.s.	0/32	135.mg	1/29	260.mg	0/32		

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
3292	1035c	1.13gm	n.s.s.	0/44	446.mg	0/25				Wislocki;canr,37,1883-1891;1977	
a	1035c	2.04gm	n.s.s.	0/55	446.mg	0/45					
3293	1042a	245.mg	972.mg	1/50	429.mg	7/25	536.mg	13/40		Borchert;canr,33,590-600;1973	
a	1042a	1.05gm	n.s.s.	1/50	429.mg	1/25	536.mg	2/40			
b	1042a	872.mg	n.s.s.	4/50	429.mg	3/25	536.mg	3/40			
3294	1035c	28.2mg	88.3mg	0/18	77.3mg	7/18	100.mg	16/18		Wislocki;canr,37,1883-1891;1977	
3295	1042a	6.14mg	47.1mg	0/12	138.mg	11/12				Borchert;canr,33,590-600;1973	
a	1042a	23.7mg	269.mg	0/12	138.mg	6/12					
3296	1042c	5.64mg	27.7mg	0/18	156.mg	16/18					
a	1042c	26.6mg	334.mg	0/18	156.mg	6/18					
IBUPROFEN 15687-27-1											
3297	2078	10.7mg	n.s.s.	0/12	16.0mg	0/12				Reddy;carc,13,1019-1023;1992	
ICRF-159 21416-87-5											
3298	TR78	12.7mg	187.mg	0/15	10.0mg	5/35	21.0mg	9/35		---	leu,lym.
a	TR78	12.7mg	187.mg	0/15	10.0mg	5/35	21.0mg	9/35		---	leu,lhc,lym. C
b	TR78	21.9mg	n.s.s.	0/15	10.0mg	1/35	21.0mg	5/35			
c	TR78	9.72mg	86.4mg	0/15	10.0mg	8/35	21.0mg	11/35			
d	TR78	n.s.s.	n.s.s.	0/15	10.0mg	0/35	21.0mg	0/35		liv:hpa,hpc,nnd.	
e	TR78	n.s.s.	n.s.s.	0/15	10.0mg	0/35	21.0mg	0/35		lun:a/a,a/c.	
3299	TR78	13.2mg	90.5mg	1/45p	10.0mg	5/35	21.0mg	9/35		---	leu,lym. S
a	TR78	21.9mg	268.mg	0/45p	10.0mg	1/35	21.0mg	5/35			
3300	TR78	23.0mg	n.s.s.	2/15	10.0mg	2/35	21.0mg	3/35		liv:hpa,hpc,nnd.	
a	TR78	65.8mg	n.s.s.	2/15	10.0mg	0/35	21.0mg	0/35		lun:a/a,a/c.	
b	TR78	34.5mg	n.s.s.	0/15	10.0mg	0/35	21.0mg	1/35			
3301	TR78	6.67mg	34.9mg	0/10	13.0mg	10/34	26.0mg	11/35			
a	TR78	3.48mg	66.8mg	4/10	13.0mg	24/34	26.0mg	22/35			
b	TR78	n.s.s.	n.s.s.	0/10	13.0mg	0/34	26.0mg	0/35		liv:hpa,hpc,nnd.	
3302	TR78	6.34mg	20.1mg	0/40p	13.0mg	10/34	26.0mg	11/35			
3303	TR78	4.34mg	n.s.s.	1/10	13.0mg	11/36	26.0mg	4/35			
a	TR78	17.2mg	n.s.s.	0/10	13.0mg	1/36	26.0mg	0/35		liv:hpa,hpc,nnd.	
3-((IMINO((2,2,2-TRIFLUOROETHYL)AMINO)METHYL)AMINO)-1H-PYRAZOLE-1-PENTAMIDE (ICI 162846) 84545-30-2											
3304	1896	524.mg	2.04gm	0/100	20.0mg	1/50	100.mg	0/50	500.mg	14/50	Streett;txpy,16,299-304;1988
3305	1896	257.mg	674.mg	0/100	20.0mg	1/50	100.mg	0/50	500.mg	29/50	
3306	1896	686.mg	3.83gm	0/104	20.0mg	3/52	100.mg	3/52	500.mg	11/52	
3307	1896	357.mg	6.30gm	0/104	20.0mg	0/52	100.mg	4/52	(500.mg	4/52)	
3,3'-IMINOBIS-1-PROPANOL DIMETHANESULFONATE(ESTER).HCl (IPD) 3458-22-8											
3308	TR18	.541mg	3.20mg	3/15	5.20mg	13/36	11.6mg	14/35			
a	TR18	n.s.s.	n.s.s.	0/15	5.20mg	0/36	11.6mg	0/35		liv:hpa,hpc,nnd.	
b	TR18	1.77mg	n.s.s.	1/15	5.20mg	2/36	11.6mg	2/35		lun:a/a,a/c.	
3309	TR18	9.01mg	n.s.s.	0/15	5.80mg	0/34	14.0mg	3/35			S
a	TR18	.728mg	7.51mg	1/15	5.80mg	6/34	14.0mg	4/35			
b	TR18	n.s.s.	n.s.s.	0/15	5.80mg	0/34	14.0mg	0/35		liv:hpa,hpc,nnd.	
c	TR18	n.s.s.	n.s.s.	0/15	5.80mg	0/34	14.0mg	0/35		lun:a/a,a/c.	
3310	TR18	.722mg	27.7mg	0/20	3.30mg	0/35	4.90mg	3/35	21.0mg	0/35	per:fbs,srn.
a	TR18	.228mg	9.06mg	12/20	3.30mg	8/35	4.90mg	3/35	21.0mg	0/35	
b	TR18	.816mg	n.s.s.	0/20	3.30mg	0/35	4.90mg	1/35	21.0mg	0/35	liv:hpa,hpc,nnd.
3311	TR18	.160mg	23.9mg	0/20	4.90mg	3/70	21.0mg	0/35		per:fbs,fib,srn.	
a	TR18	.226mg	11.1mg	5/20	4.90mg	7/70	21.0mg	1/35			
b	TR18	n.s.s.	n.s.s.	0/20	4.90mg	0/70	21.0mg	0/35		liv:hpa,hpc,nnd.	
IMINODIACETIC ACID, MONOSODIUM 32607-00-4											
3312	213	53.5mg	n.s.s.	4/15	165.mg	10/15				Lijinsky;jnci,50,1061-1063;1973	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
3313	213	134.mg	n.s.s.	8/15	115.mg	5/15					
INDOLE 120-72-9											
3314	2401	3.03gm	n.s.s.	0/45	1.30gm	0/25				El-Aaser;ejca,14,645-648;1978	
INDOLE-3-ACETIC ACID (heteroauxin) 87-51-4											
3315	1280	99.3mg	n.s.s.	1/17	89.1mg	1/17				Innes;ntis,1968/1969	
a	1280	167.mg	n.s.s.	0/17	89.1mg	0/17					
b	1280	78.3mg	n.s.s.	2/17	89.1mg	2/17					
3316	1280	98.0mg	n.s.s.	1/18	82.9mg	1/18					
a	1280	109.mg	n.s.s.	2/18	82.9mg	1/18					
b	1280	65.2mg	n.s.s.	3/18	82.9mg	3/18					
3317	1280	87.5mg	n.s.s.	0/16	89.1mg	1/17					
a	1280	167.mg	n.s.s.	0/16	89.1mg	0/17					
b	1280	87.5mg	n.s.s.	0/16	89.1mg	1/17					
3318	1280	38.9mg	n.s.s.	0/16	82.9mg	4/17					
a	1280	81.5mg	n.s.s.	0/16	82.9mg	1/17					
b	1280	18.5mg	114.mg	0/16	82.9mg	9/17					
INDOLIDAN 100643-96-7											
3319	2033	2.38mg	19.9mg	3/60	.125mg	2/59	.375mg	3/58	1.25mg	13/60	Sandusky;faat,16,198-209;1991/pers.comm.
a	2033	2.48mg	20.6mg	3/60	.125mg	2/59	.375mg	2/58	1.25mg	13/60	
b	2033	12.0mg	n.s.s.	0/60	.125mg	0/59	.375mg	1/58	1.25mg	0/60	
3320	2033	.737mg	3.15mg	4/60	.100mg	9/60	.300mg	13/60	1.00mg	24/60	
a	2033	.784mg	3.64mg	4/60	.100mg	9/60	.300mg	12/60	1.00mg	23/60	
b	2033	5.86mg	n.s.s.	0/60	.100mg	0/60	.300mg	1/60	1.00mg	1/60	
INDOMETHACIN 53-86-1											
3321	2192	1.03mg	n.s.s.	0/10	2.00mg	0/10				Shibata;carc,14,1265-1269;1993/pers.comm.	
3322	2251	.533mg	75.3mg	12/49	.887mg	24/48				Holmang;carc,16,1493-1498;1995	
a	2251	1.74mg	n.s.s.	1/49	.887mg	5/48					
b	2251	6.87mg	n.s.s.	0/49	.887mg	0/48					
IODINATED GLYCEROL (organidin) 5634-39-9											
3323	TR340	47.4mg	806.mg	15/50	43.4mg	21/50	87.6mg	34/50			hag:adn,can; pta:adn. P
a	TR340	67.0mg	n.s.s.	10/50	43.4mg	15/50	87.6mg	24/50			
b	TR340	107.mg	n.s.s.	6/50	43.4mg	8/50	87.6mg	14/50			hag:adn,can.
c	TR340	175.mg	n.s.s.	0/50	43.4mg	5/50	87.6mg	4/50			liv:hpa,hpc. S
d	TR340	203.mg	n.s.s.	0/50	43.4mg	4/50	87.6mg	3/50			S
e	TR340	218.mg	n.s.s.	1/50	43.4mg	2/50	87.6mg	5/50			
f	TR340	50.0mg	n.s.s.	37/50	43.4mg	30/50	87.6mg	45/50			
g	TR340	175.mg	n.s.s.	0/50	43.4mg	5/50	87.6mg	4/50			liv:hpa,hpc,nnd.
h	TR340	315.mg	n.s.s.	4/50	43.4mg	0/50	87.6mg	5/50			lun:a/a,a/c.
3324	TR340	184.mg	n.s.s.	33/50	87.6mg	29/50	176.mg	29/50			
a	TR340	273.mg	n.s.s.	10/50	87.6mg	9/50	176.mg	13/50			liv:hpa,hpc,nnd.
b	TR340	341.mg	n.s.s.	9/50	87.6mg	6/50	176.mg	10/50			lun:a/a,a/c.
3325	TR340	41.1mg	n.s.s.	44/50	43.9mg	46/50	87.6mg	47/50			
a	TR340	406.mg	n.s.s.	0/50	43.9mg	0/50	87.6mg	1/50			liv:hpa,hpc,nnd.
3326	TR340	23.1mg	110.mg	46/50	88.4mg	49/50	175.mg	48/50			S
a	TR340	47.3mg	223.mg	14/50	88.4mg	31/50	175.mg	25/50			mul:mnl; thy:fcc. P
b	TR340	55.2mg	303.mg	14/50	88.4mg	29/50	175.mg	24/50			
c	TR340	111.mg	2.52gm	0/50	88.4mg	5/50	175.mg	1/50			
d	TR340	259.mg	n.s.s.	0/50	88.4mg	0/50	175.mg	2/50			
e	TR340	27.5mg	198.mg	45/50	88.4mg	46/50	175.mg	42/50			
f	TR340	182.mg	n.s.s.	0/50	88.4mg	2/50	175.mg	2/50			liv:hpa,hpc,nnd.

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc				Citation or Pathology	Brkly Code
IDOACETAMIDE 144-48-9												
3327	1759	21.1mg	n.s.s.	0/20	9.87mg	0/20					Shirai;acpj,35,35-43;1985	
IODIFORM (triiodomethane) 75-47-8												
3328	TR110	40.2mg	n.s.s.	7/20	28.5mg	14/50	(56.3mg	5/50)				
a	TR110	418.mg	n.s.s.	1/20	28.5mg	1/50	56.3mg	0/50			liv:hpa,hpc,nnd.	
b	TR110	418.mg	n.s.s.	1/20	28.5mg	1/50	56.3mg	0/50			lun:a/a,a/c.	
3329	TR110	30.0mg	n.s.s.	5/20	28.5mg	14/50	56.9mg	23/50				
a	TR110	81.1mg	n.s.s.	3/20	28.5mg	5/50	56.9mg	7/50			liv:hpa,hpc,nnd.	
b	TR110	91.4mg	n.s.s.	1/20	28.5mg	4/50	56.9mg	4/50			lun:a/a,a/c.	
3330	TR110	4.66mg	n.s.s.	10/20	13.6mg	27/50	(27.1mg	23/50)				
a	TR110	241.mg	n.s.s.	1/20	13.6mg	0/50	27.1mg	0/50			liv:hpa,hpc,nnd.	
3331	TR110	40.8mg	n.s.s.	0/20	35.2mg	8/50	70.4mg	4/50			thy:fca,fcc. S	
a	TR110	28.4mg	n.s.s.	7/20	35.2mg	17/50	70.4mg	10/50				
b	TR110	n.s.s.	n.s.s.	0/20	35.2mg	0/50	70.4mg	0/50			liv:hpa,hpc,nnd.	
3332	TR110	46.2mg	n.s.s.	2/40p	35.2mg	8/50	70.4mg	4/50			thy:fca,fcc. S	
IPAZILIDE FUMARATE (WIN 54177-4) 115436-74-3												
3333	2189	14.6mg	n.s.s.	0/15	26.0mg	0/15	104.mg	0/15	208.mg	0/15	Greener;faat,20,147-154;1993	
3334	2189	14.6mg	n.s.s.	0/15	26.0mg	0/15	104.mg	0/15	208.mg	0/15		
IQ (2-amino-3-methylimidazo[4,5-f]quinoline) 76180-96-6												
3335	1617	10.2mg	33.6mg	3/38	39.0mg	27/36					Ohgaki;carc,5,921-924;1984	
a	1617	14.2mg	44.9mg	0/38	39.0mg	22/36						
b	1617	31.2mg	154.mg	0/38	39.0mg	11/36						
c	1617	27.9mg	n.s.s.	7/38	39.0mg	15/36						
3336	1617	12.2mg	60.4mg	7/33	36.0mg	27/39						
a	1617	22.6mg	109.mg	1/33	36.0mg	16/39						
b	1617	24.0mg	241.mg	3/33	36.0mg	16/39						
c	1617	27.9mg	811.mg	3/33	36.0mg	14/39						
d	1617	41.4mg	347.mg	0/33	36.0mg	8/39						
e	1617	58.1mg	n.s.s.	0/33	36.0mg	5/39						
3337	2007	.175mg	.743mg	0/10	7.14mg	15/18	14.3mg	18/18	14.3mg	18/18	Adamson;enhpc,102,190-193;1994/Dalgard 1997/Thorgeirsson pers.comm.	
a	2007	.175mg	.743mg	0/10	7.14mg	15/18	14.3mg	18/18				
3338	2148	1.15mg	7.85mg	0/15	2.55mg	12/34					Weisburger;pseb,205,347-352;1994/pers.comm.	
a	2148	1.50mg	37.3mg	0/15	2.55mg	9/34						
b	2148	1.47mg	n.s.s.	1/15	2.55mg	10/34						
c	2148	2.06mg	n.s.s.	0/15	2.55mg	6/34						
d	2148	3.98mg	n.s.s.	0/15	2.55mg	2/34						
e	2148	5.36mg	n.s.s.	0/15	2.55mg	1/34						
3339	2148	.550mg	2.31mg	0/15	2.52mg	16/34						
a	2148	.638mg	3.22mg	0/15	2.52mg	14/34						
b	2148	2.08mg	n.s.s.	0/15	2.52mg	3/34						
c	2148	2.57mg	n.s.s.	0/15	2.52mg	2/34						
d	2148	2.57mg	n.s.s.	0/15	2.52mg	2/34						
e	2148	2.41mg	n.s.s.	1/15	2.52mg	3/34						
3340	2263	.147mg	.646mg	0/20	2.02mg	14/20					Guo;clet,95,161-165;1995/pers.comm.	
a	2263	.268mg	1.63mg	0/20	2.02mg	9/20						
b	2263	.268mg	1.63mg	0/20	2.02mg	9/20						
c	2263	.343mg	3.04mg	0/20	2.02mg	7/20						
d	2263	.534mg	n.s.s.	0/20	2.02mg	4/20						
e	2263	.147mg	.646mg	0/20	2.02mg	14/20						
3341	1767m	2.68mg	7.70mg	0/50	15.0mg	27/40					Ohgaki;enhpc,67,129-134;1986/1991	
a	1767m	4.14mg	13.6mg	0/50	15.0mg	20/40						
b	1767m	4.69mg	16.3mg	0/50	15.0mg	18/40						
c	1767m	9.08mg	53.5mg	0/50	15.0mg	9/40						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
d	1767m	19.1mg	n.s.s.	0/50	15.0mg	3/40					
e	1767m	31.7mg	n.s.s.	0/50	15.0mg	1/40					
f	1767m	31.7mg	n.s.s.	0/50	15.0mg	1/40					
3342	1767m	.590mg	1.72mg	0/50	12.0mg	36/40					
a	1767m	1.27mg	3.74mg	1/50	12.0mg	27/40					
b	1767m	1.42mg	4.19mg	0/50	12.0mg	25/40					
c	1767m	2.34mg	8.41mg	0/50	12.0mg	17/40					
d	1767m	3.31mg	15.1mg	0/50	12.0mg	12/40					
e	1767m	11.0mg	n.s.s.	0/50	12.0mg	2/40					
IQ.HCl (2-amino-3-methylimidazo[4,5-f]quinoline.HCl) ---											
3343	1721	1.75mg	7.23mg	0/27	11.1mg	14/32				Tanaka;gann,76,570-576;1985/pers.comm.	
a	1721	1.86mg	16.6mg	2/27	11.1mg	14/32					
b	1721	2.24mg	11.5mg	0/27	11.1mg	11/32					
c	1721	3.71mg	81.0mg	0/27	11.1mg	6/32					
d	1721	5.82mg	n.s.s.	0/27	11.1mg	3/32					
e	1721	7.22mg	n.s.s.	0/27	11.1mg	2/32					
f	1721	7.22mg	n.s.s.	0/27	11.1mg	2/32					
g	1721	9.71mg	n.s.s.	0/27	11.1mg	1/32					
h	1721	9.71mg	n.s.s.	0/27	11.1mg	1/32					
i	1721	.900mg	3.30mg	2/27	11.1mg	23/32					
IRSOGLADINE MALEATE 84504-69-8											
3344	2663	2.31mg	n.s.s.	0/10	4.00mg	0/10				Sugie;txcy,166,53-61;2001	
ISATIDINE 15503-86-3											
3345	1871	.474mg	n.s.s.	0/7	.816mg	5/14				Schoental;bjca,8,458-465;1954	
3346	1871	.177mg	3.68mg	0/7	.714mg	5/8					
ISOBUTENE 115-11-7											
3347	TR487	3.76gm	n.s.s.	47/50	360.mg	45/50	1.44gm	49/50	5.76gm	48/50	
a	TR487	5.54gm	n.s.s.	23/50	360.mg	28/50	1.44gm	22/50	5.76gm	28/50	liv:hpa,hpb,hpc.
b	TR487	24.9gm	n.s.s.	6/50	360.mg	4/50	1.44gm	4/50	5.76gm	3/50	lun:a/a,a/c.
3348	TR487	2.11gm	n.s.s.	41/50	300.mg	50/50	1.20gm	43/50	4.81gm	50/50	
a	TR487	4.53gm	n.s.s.	30/50	300.mg	32/50	1.20gm	28/50	4.81gm	29/50	liv:hpa,hpb,hpc.
b	TR487	10.8gm	n.s.s.	17/50	300.mg	13/50	1.20gm	9/50	4.81gm	9/50	lun:a/a,a/c.
3349	TR487	760.mg	n.s.s.	50/50	85.9mg	48/50	344.mg	50/50	1.37gm	48/50	
a	TR487	4.90gm	n.s.s.	0/50	85.9mg	0/50	344.mg	0/50	1.37gm	1/50	liv:hpa,hpb,hpc.
3350	TR487	1.17gm	n.s.s.	1/50	60.1mg	0/50	240.mg	0/50	962.mg	5/50	
a	TR487	497.mg	n.s.s.	50/50	60.1mg	48/50	240.mg	50/50	962.mg	50/50	
b	TR487	n.s.s.	n.s.s.	0/50	60.1mg	0/50	240.mg	0/50	962.mg	0/50	liv:hpa,hpb,hpc.
ISOBUTYL p-HYDROXYBENZOATE 4247-02-3											
3351	1688	3.62gm	n.s.s.	2/50	188.mg	3/50	375.mg	2/50	751.mg	3/50	
a	1688	1.15gm	n.s.s.	0/50	188.mg	0/50	375.mg	0/50	751.mg	0/50	Inai;fctx,23,575-578;1985
b	1688	1.61gm	n.s.s.	12/50	188.mg	10/50	375.mg	12/50	751.mg	13/50	
3352	1688	3.08gm	n.s.s.	0/50	177.mg	4/50	353.mg	0/50	706.mg	2/50	
a	1688	2.84gm	n.s.s.	3/50	177.mg	6/50	353.mg	3/50	706.mg	4/50	
b	1688	1.38gm	n.s.s.	8/50	177.mg	12/50	353.mg	9/50	706.mg	12/50	
ISOBUTYL NITRITE 542-56-3											
3353	TR448	177.mg	n.s.s.	6/51	49.1mg	15/51	98.2mg	9/50	196.mg	19/50	
a	TR448	186.mg	n.s.s.	4/51	49.1mg	14/51	98.2mg	7/50	196.mg	17/50	lun:a/a,a/c,ade.
b	TR448	151.mg	n.s.s.	37/51	49.1mg	45/51	98.2mg	37/50	196.mg	40/50	lun:a/a,ade.
c	TR448	464.mg	n.s.s.	10/51	49.1mg	13/51	98.2mg	7/50	196.mg	10/50	liv:hpa,hpb,hpc.
d	TR448	180.mg	n.s.s.	6/51	49.1mg	15/51	98.2mg	8/50	196.mg	19/50	lun:a/a,a/c.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
3354	TR448	112.mg	n.s.s.	8/50	41.1mg	16/50	82.1mg	16/50	164.mg	19/53	
a	TR448	127.mg	n.s.s.	7/50	41.1mg	12/50	82.1mg	13/50	164.mg	17/53	lun:a/a,a/c.
b	TR448	495.mg	n.s.s.	1/50	41.1mg	0/50	82.1mg	0/50	164.mg	5/53	thy:fab,fca.
c	TR448	83.9mg	n.s.s.	33/50	41.1mg	35/50	82.1mg	38/50	164.mg	39/53	
d	TR448	294.mg	n.s.s.	24/50	41.1mg	19/50	82.1mg	20/50	164.mg	16/53	liv:hpa,hpb,hpc.
e	TR448	112.mg	n.s.s.	8/50	41.1mg	16/50	82.1mg	16/50	164.mg	19/53	lun:a/a,a/c.
3355	TR448	62.2mg	230.mg	0/46	11.6mg	3/46	23.2mg	2/46	46.5mg	11/46	lun:a/a,a/c.
a	TR448	68.5mg	354.mg	0/46	11.6mg	2/46	23.2mg	2/46	46.5mg	10/46	
b	TR448	44.6mg	n.s.s.	40/46	11.6mg	34/46	23.2mg	37/46	46.5mg	35/46	
c	TR448	342.mg	n.s.s.	0/46	11.6mg	1/46	23.2mg	0/46	46.5mg	0/46	liv:hpa,hpb,hpc.
3356	TR448	22.7mg	96.9mg	0/46	8.19mg	3/46	16.4mg	12/46	32.8mg	13/46	
a	TR448	22.2mg	192.mg	1/46	8.19mg	5/46	16.4mg	13/46	32.8mg	15/46	lun:a/a,a/c.
b	TR448	37.5mg	n.s.s.	45/46	8.19mg	40/46	16.4mg	40/46	32.8mg	42/46	
c	TR448	171.mg	n.s.s.	1/46	8.19mg	1/46	16.4mg	1/46	32.8mg	1/46	liv:hpa,hpb,hpc.
N-ISOBUTYL-N'-NITRO-N-NITROSOGUANIDINE 5461-85-8											
3357	1082	2.24mg	n.s.s.	0/9	2.14mg	0/9					Matsukura;gann,70,181-185;1979
ISOBUTYRALDEHYDE 78-84-2											
3358	TR472	2.03gm	n.s.s.	38/50	463.mg	45/50	926.mg	37/50	1.85gm	40/50	
a	TR472	4.23gm	n.s.s.	12/50	463.mg	20/50	926.mg	15/50	1.85gm	12/50	liv:hpa,hpb,hpc.
b	TR472	6.38gm	n.s.s.	3/50	463.mg	1/50	926.mg	3/50	1.85gm	4/50	lun:a/a,a/c.
3359	TR472	1.12gm	n.s.s.	40/50	386.mg	36/50	772.mg	39/50	1.54gm	34/50	
a	TR472	2.31gm	n.s.s.	27/50	386.mg	25/50	772.mg	26/50	1.54gm	18/50	liv:hpa,hpb,hpc.
b	TR472	2.72gm	n.s.s.	12/50	386.mg	8/50	772.mg	10/50	1.54gm	10/50	lun:a/a,a/c.
3360	TR472	301.mg	n.s.s.	48/50	110.mg	49/50	221.mg	50/50	441.mg	49/50	
a	TR472	1.63gm	n.s.s.	0/50	110.mg	1/50	221.mg	2/50	441.mg	0/50	liv:hpa,hpb,hpc.
3361	TR472	77.1mg	n.s.s.	49/50	77.3mg	48/50	154.mg	49/50	309.mg	49/50	
a	TR472	960.mg	n.s.s.	0/50	77.3mg	2/50	154.mg	0/50	309.mg	0/50	liv:hpa,hpb,hpc.
ISOFLURANE 26675-46-7											
3362	1879	8.67gm	n.s.s.	15/92	1.52gm	14/83	6.09gm	19/83			Baden;anes,69,750-753;1988
a	1879	36.0gm	n.s.s.	1/92	1.52gm	2/83	6.09gm	1/83			
3363	1879	16.1gm	n.s.s.	18/89	1.27gm	23/84	5.08gm	12/82			
a	1879	27.2gm	n.s.s.	4/89	1.27gm	7/84	5.08gm	2/82			
ISOMALT 64519-82-0											
3364	1979	22.5gm	n.s.s.	3/44	3.25gm	10/43	6.50gm	9/49	13.0gm	7/42	Smits-van Prooijje;fctx,28,243-251;1990
a	1979	16.9gm	n.s.s.	0/44	3.25gm	0/44	6.50gm	0/45	13.0gm	0/44	
b	1979	11.8gm	n.s.s.	28/46	3.25gm	28/48	6.50gm	27/50	13.0gm	30/46	
3365	1979	8.30gm	n.s.s.	5/49	3.00gm	13/49	6.00gm	9/49	12.0gm	3/50	
a	1979	48.6gm	n.s.s.	4/48	3.00gm	4/49	6.00gm	4/47	12.0gm	3/50	
b	1979	90.4gm	n.s.s.	1/48	3.00gm	1/49	6.00gm	0/47	12.0gm	1/50	
c	1979	22.2gm	n.s.s.	20/50	3.00gm	22/50	6.00gm	19/50	12.0gm	17/50	
ISOMAZOLE 86315-52-8											
3366	2033	169.mg	n.s.s.	1/60	12.5mg	1/60	25.0mg	4/60	50.0mg	6/60	Sandusky;faat,16,198-209;1991/pers.comm.
a	2033	192.mg	n.s.s.	1/60	12.5mg	0/60	25.0mg	3/60	50.0mg	6/60	
b	2033	474.mg	n.s.s.	0/60	12.5mg	1/60	25.0mg	1/60	50.0mg	0/60	
3367	2033	25.7mg	70.8mg	10/60	10.0mg	13/60	20.0mg	18/60	40.0mg	40/60	
a	2033	29.3mg	89.6mg	9/60	10.0mg	13/60	20.0mg	16/60	40.0mg	36/60	
b	2033	183.mg	n.s.s.	1/60	10.0mg	0/60	20.0mg	2/60	40.0mg	5/60	
ISONIAZID (INH) 54-85-3											
3368	170	195.mg	n.s.s.	2/54	136.mg	5/22					Toth;ejca,5,165-171;1969
a	170	1.37gm	n.s.s.	0/72	136.mg	0/36					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	170	1.37gm	n.s.s.	0/72	136.mg	0/36				
3369	170	425.mg	n.s.s.	2/25	120.mg	0/11				
a	170	1.51gm	n.s.s.	0/67	120.mg	0/39				
3370	169	13.2mg	n.s.s.	0/1	200.mg	1/2			Toth;ijcn,2,413-420;1967	
a	169	560.mg	n.s.s.	0/30	200.mg	0/30				
3371	169	32.6mg	n.s.s.	0/9	167.mg	1/6				
a	169	155.mg	n.s.s.	1/14	167.mg	0/14				
3372	584m	48.2mg	n.s.s.	0/20	31.4mg	3/40	(62.9mg	0/40)	Bhide;ijcn,21,381-386;1978	
a	584m	64.0mg	n.s.s.	1/20	31.4mg	7/40	62.9mg	6/40		
b	584m	55.8mg	n.s.s.	1/20	31.4mg	10/40	62.9mg	6/40		
3373	1115	123.mg	n.s.s.	0/4	200.mg	1/12			Toth;scie,152,1376-1377;1966a	
3374	1115	71.3mg	n.s.s.	1/12	167.mg	6/21				
3375	1074	5.26mg	29.8mg	4/47	34.1mg	13/17			Biancifiori;bjca,18,543-550;1964	
a	1074	32.3mg	n.s.s.	2/47	34.1mg	2/17				
3376	1074	5.80mg	32.7mg	1/37	32.2mg	11/18				
a	1074	22.1mg	n.s.s.	4/37	32.2mg	3/18				
3377	1425	11.1mg	47.4mg	5/94	30.1mg	27/98			Pershin;vopr,XVIII,50-53;1972	
a	1425	30.1mg	n.s.s.	2/94	30.1mg	8/98				
b	1425	8.62mg	29.9mg	7/94	30.1mg	35/98				
3378	169	201.mg	1.37gm	14/108	100.mg	17/39	300.mg	13/32	Toth;ijcn,2,413-420;1967	
a	169	413.mg	n.s.s.	3/88	100.mg	0/30	300.mg	0/18		
3379	1127	82.3mg	426.mg	9/68	200.mg	23/47			Toth;canr,26,1473-1475;1966	
a	1127	97.3mg	635.mg	8/68	200.mg	20/47				
b	1127	165.mg	27.1gm	1/48	200.mg	6/32				
c	1127	534.mg	n.s.s.	3/48	200.mg	1/32				
3380	169	49.2mg	437.mg	10/90	83.3mg	15/38	(250.mg	3/14)	Toth;ijcn,2,413-420;1967	
a	169	555.mg	n.s.s.	2/85	83.3mg	1/38	250.mg	0/10		
3381	1127	67.5mg	311.mg	8/80	167.mg	21/44			Toth;canr,26,1473-1475;1966	
a	1127	203.mg	n.s.s.	2/35	167.mg	0/10				
3382	1525	13.0mg	55.8mg	1/47	27.6mg	15/30			Maru;clet,17,75-80;1982	
a	1525	116.mg	n.s.s.	7/47	27.6mg	1/30				
3383	1552	17.2mg	80.7mg	1/20	27.6mg	27/60			Menon;zkko,105,258-261;1983	
3384	584m	23.9mg	174.mg	0/30	37.7mg	8/30			Bhide;ijcn,21,381-386;1978	
a	584m	23.9mg	174.mg	0/30	37.7mg	8/30				
b	584m	149.mg	n.s.s.	0/30	37.7mg	0/30				
3385	584n	19.3mg	105.mg	0/30	37.0mg	10/30				
a	584n	33.6mg	1.32gm	0/30	37.0mg	5/30				
b	584n	33.6mg	1.32gm	0/30	37.0mg	5/30				
3386	584m	13.9mg	53.4mg	1/30	15.7mg	6/30	31.4mg	16/30		
a	584m	16.2mg	70.0mg	1/30	15.7mg	4/30	31.4mg	15/30		
b	584m	63.8mg	n.s.s.	0/30	15.7mg	2/30	31.4mg	1/30		
3387	584o	14.1mg	107.mg	0/15	15.7mg	6/25	31.4mg	9/25		
a	584o	20.0mg	420.mg	0/15	15.7mg	3/25	31.4mg	7/25		
b	584o	33.7mg	n.s.s.	0/15	15.7mg	3/25	31.4mg	2/25		
3388	584r	10.1mg	158.mg	1/15	31.4mg	12/25				
a	584r	15.4mg	n.s.s.	1/15	31.4mg	8/25				
b	584r	24.6mg	n.s.s.	0/15	31.4mg	4/25				
3389	157	60.1mg	399.mg	0/22	149.mg	11/40			Severi;jnci,41,331-349;1968	
a	157	465.mg	n.s.s.	0/22	149.mg	0/40				
b	157	465.mg	n.s.s.	0/22	149.mg	0/40				
3390	157	32.1mg	n.s.s.	0/21	99.4mg	1/5				
a	157	262.mg	n.s.s.	0/28	99.4mg	2/49				
ISONICOTINAMIDE 1453-82-3										
3391	1732	3.47gm	n.s.s.	0/28	2.00gm	1/12			Toth;onco,40,72-75;1983/1979	
a	1732	6.83gm	n.s.s.	15/91	2.00gm	5/33				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
3392	1732	5.77gm	n.s.s.	22/88	1.67gm	9/43				
a	1732	13.9gm	n.s.s.	2/62	1.67gm	0/32				
ISONICOTINIC ACID 55-22-1										
3393	1108	1.99gm	n.s.s.	0/66	682.mg	2/27			Toth;canr,32,804-807;1972/1967a	
a	1108	6.36gm	n.s.s.	0/72	682.mg	0/34				
b	1108	6.36gm	n.s.s.	0/72	682.mg	0/34				
3394	1108	1.13gm	n.s.s.	0/39	600.mg	1/13				
a	1108	1.19gm	n.s.s.	1/39	600.mg	1/13				
b	1108	4.85gm	n.s.s.	0/64	600.mg	0/29				
3395	1074	31.4mg	n.s.s.	2/47	20.9mg	1/17			Biancifiori;bjca,18,543-550;1964	
a	1074	32.6mg	n.s.s.	4/47	20.9mg	1/16				
3396	1074	16.3mg	n.s.s.	0/13	17.4mg	1/12				
a	1074	24.6mg	n.s.s.	4/27	17.4mg	2/18				
ISONICOTINIC ACID VANILLYLIDENEHYDRAZIDE (phthivazid) 149-17-7										
3397	1425	19.2mg	n.s.s.	5/94	30.1mg	14/90			Pershin;vopr,XVIII,50-53;1972	
a	1425	30.3mg	n.s.s.	2/94	30.1mg	7/90				
b	1425	13.6mg	174.mg	7/94	30.1mg	21/90				
ISOPHORONE 78-59-1										
3398	TR291	136.mg	n.s.s.	36/50	175.mg	41/50	(354.mg	28/50)		
a	TR291	604.mg	n.s.s.	4/50	175.mg	6/50	354.mg	8/50	liv:hpa,hpc,nnd.	
b	TR291	1.88gm	n.s.s.	3/50	175.mg	1/50	354.mg	2/50	lun:a/a,a/c.	
3399	TR291	109.mg	928.mg	0/50	177.mg	9/50	(354.mg	4/50)		
a	TR291	80.2mg	n.s.s.	7/50	177.mg	19/50	(354.mg	5/50)	---:mlh,mlm,mlp.	
b	TR291	85.7mg	n.s.s.	8/50	177.mg	19/50	(354.mg	5/50)	---:lkn,mlh,mlm,mlp.	
c	TR291	293.mg	n.s.s.	3/50	177.mg	6/50	354.mg	13/50	sub:fbs,fib.	
d	TR291	301.mg	n.s.s.	4/50	177.mg	6/50	354.mg	14/50	sub:fbs,fib,nfs,sar.	
e	TR291	444.mg	n.s.s.	3/50	177.mg	4/50	354.mg	10/50		
f	TR291	460.mg	n.s.s.	0/50	177.mg	2/50	354.mg	3/50		
g	TR291	162.mg	n.s.s.	18/50	177.mg	18/50	354.mg	29/50	liv:hpa,hpc.	
h	TR291	308.mg	n.s.s.	5/50	177.mg	7/50	354.mg	13/50	ski:fib; sub:fbs,fib.	
i	TR291	309.mg	n.s.s.	6/50	177.mg	8/50	354.mg	14/50	ski:fib,nfs; sub:fbs,fib,nfs,sar.	
j	TR291	434.mg	n.s.s.	4/50	177.mg	5/50	354.mg	11/50	ski:nfs; sub:fbs,nfs,sar.	
k	TR291	451.mg	n.s.s.	4/50	177.mg	4/50	354.mg	11/50	sub:fbs,nfs,sar.	
l	TR291	174.mg	n.s.s.	35/50	177.mg	40/50	354.mg	40/50		
m	TR291	162.mg	n.s.s.	18/50	177.mg	18/50	354.mg	29/50	liv:hpa,hpc,nnd.	
n	TR291	1.39gm	n.s.s.	7/50	177.mg	1/50	354.mg	3/50	lun:a/a,a/c.	
3400	TR291	192.mg	n.s.s.	43/50	175.mg	36/50	350.mg	30/50		
a	TR291	1.45gm	n.s.s.	3/50	175.mg	1/50	350.mg	1/50	liv:hpa,hpc,nnd.	
3401	TR291	378.mg	2.07gm	0/50	175.mg	3/50	350.mg	8/50	kid:tla,uac; pre:can. P	
a	TR291	492.mg	21.4gm	0/50	175.mg	3/50	350.mg	3/50	kid:tla,uac.	
b	TR291	818.mg	19.3gm	0/50	175.mg	0/50	350.mg	5/50		
c	TR291	99.5mg	n.s.s.	38/50	175.mg	42/50	350.mg	33/50		
d	TR291	522.mg	n.s.s.	5/50	175.mg	9/50	350.mg	2/50	liv:hpa,hpc,nnd.	
ISOPHOSPHAMIDE 3778-73-2										
3402	TR32	2.81mg	14.1mg	0/15	2.80mg	3/35	5.60mg	13/35		
a	TR32	2.18mg	9.48mg	0/15	2.80mg	7/35	5.60mg	15/35		
b	TR32	n.s.s.	n.s.s.	0/15	2.80mg	1/35	5.60mg	0/35	liv:hpa,hpc,nnd.	
c	TR32	n.s.s.	n.s.s.	0/15	2.80mg	0/35	5.60mg	0/35	lun:a/a,a/c.	
3403	TR32	2.81mg	10.9mg	0/30p	2.80mg	3/35	5.60mg	13/35		
3404	TR32	1.85mg	n.s.s.	0/15	2.80mg	6/35	5.60mg	4/35		
a	TR32	2.70mg	n.s.s.	0/15	2.80mg	5/35	5.60mg	2/35	liv:hpa,hpc,nnd.	
b	TR32	6.13mg	n.s.s.	0/15	2.80mg	0/35	5.60mg	1/35	lun:a/a,a/c.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
3429	1306	431.mg	n.s.s.	0/16	414.mg	1/18						
a	1306	820.mg	n.s.s.	0/16	414.mg	0/18						
b	1306	316.mg	n.s.s.	0/16	414.mg	2/18						
3430	1306	205.mg	n.s.s.	0/16	385.mg	3/16						
a	1306	355.mg	n.s.s.	0/16	385.mg	1/16						
b	1306	121.mg	1.47gm	0/16	385.mg	6/16						
ISOPROPYL-N-(3-CHLOROPHENYL)CARBAMATE (CIPC, chlorpropham) 101-21-3												
3431	171a	2.12gm	n.s.s.	0/27	209.mg	0/26					Van Esch;fctx,10,373-381;1972	
a	171a	2.12gm	n.s.s.	1/27	209.mg	0/26						
3432	171a	1.65gm	n.s.s.	1/22	184.mg	0/23						
3433	1196	175.mg	n.s.s.	1/17	157.mg	1/17					Innes;ntis,1968/1969	
a	1196	294.mg	n.s.s.	0/17	157.mg	0/17						
b	1196	138.mg	n.s.s.	2/17	157.mg	2/17						
3434	1196	258.mg	n.s.s.	1/18	146.mg	0/16						
a	1196	258.mg	n.s.s.	2/18	146.mg	0/16						
b	1196	180.mg	n.s.s.	3/18	146.mg	1/16						
3435	1196	311.mg	n.s.s.	0/16	157.mg	0/18						
a	1196	311.mg	n.s.s.	0/16	157.mg	0/18						
b	1196	311.mg	n.s.s.	0/16	157.mg	0/18						
3436	1196	77.8mg	n.s.s.	0/16	146.mg	3/16						
a	1196	135.mg	n.s.s.	0/16	146.mg	1/16						
b	1196	45.9mg	559.mg	0/16	146.mg	6/16						
3437	171a	209.mg	n.s.s.	10/49	125.mg	15/47					Van Esch;fctx,10,373-381;1972	
a	171a	807.mg	n.s.s.	0/49	125.mg	1/47						
b	171a	1.51gm	n.s.s.	0/49	125.mg	0/47						
3438	170a	4.86gm	n.s.s.	1/25	10.0mg	0/25	100.mg	1/25	1.00gm	0/25	Larson;txap,2,659-673;1960	
3439	170a	37.1mg	n.s.s.	0/25	8.00mg	0/25	80.0mg	0/25	800.mg	0/25		
a	170a	3.11gm	n.s.s.	0/25	8.00mg	0/25	80.0mg	1/25	800.mg	0/25		
1-ISOPROPYL-3-METHYL-s-PYRAZOLYLDIMETHYL CARBAMATE (isolan) 119-38-0												
3440	1247	14.7ug	n.s.s.	0/18	8.38ug	0/16					Innes;ntis,1968/1969	
a	1247	14.7ug	n.s.s.	0/18	8.38ug	0/16						
b	1247	5.63ug	n.s.s.	0/18	8.38ug	2/16						
3441	1247	4.43ug	n.s.s.	0/18	7.80ug	3/17						
a	1247	6.12ug	n.s.s.	1/18	7.80ug	2/17						
b	1247	3.44ug	n.s.s.	2/18	7.80ug	5/17						
3442	1247	14.7ug	n.s.s.	0/18	8.38ug	0/16						
a	1247	14.7ug	n.s.s.	1/18	8.38ug	0/16						
b	1247	14.7ug	n.s.s.	2/18	8.38ug	0/16						
3443	1247	4.72ug	n.s.s.	0/14	7.80ug	3/18						
a	1247	11.2ug	n.s.s.	3/14	7.80ug	1/18						
b	1247	3.81ug	n.s.s.	4/14	7.80ug	6/18						
ISOPROPYL-N-PHENYL CARBAMATE (IPC) 122-42-9												
3444	171a	2.12gm	n.s.s.	0/27	209.mg	0/26					Van Esch;fctx,10,373-381;1972	
a	171a	2.12gm	n.s.s.	1/27	209.mg	0/26						
3445	171a	995.mg	n.s.s.	1/22	184.mg	1/23						
3446	171	61.8mg	n.s.s.	1/17	78.4mg	2/17					Innes;ntis,1968/1969	
a	171	147.mg	n.s.s.	0/17	78.4mg	0/17						
b	171	52.4mg	n.s.s.	2/17	78.4mg	3/17						
3447	171	53.4mg	n.s.s.	1/18	73.0mg	2/16						
a	171	58.9mg	n.s.s.	2/18	73.0mg	2/16						
b	171	38.6mg	n.s.s.	3/18	73.0mg	4/16						
3448	171	59.8mg	n.s.s.	0/16	78.4mg	2/18						
a	171	81.7mg	n.s.s.	0/16	78.4mg	1/18						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
b	171	33.2mg	1.93gm	0/16	78.4mg	5/18										
3449	171	36.1mg	n.s.s.	0/16	73.0mg	3/15										
a	171	63.0mg	n.s.s.	0/16	73.0mg	1/15										
b	171	21.0mg	236.mg	0/16	73.0mg	6/15										
ISOSAFROLE 120-58-1																
3450	172	145.mg	n.s.s.	1/15	72.7mg	0/16									Innes;ntis,1968/1969	
a	172	145.mg	n.s.s.	2/15	72.7mg	0/16										
b	172	145.mg	n.s.s.	2/15	72.7mg	0/16										
3451	172	55.2mg	n.s.s.	0/18	67.7mg	2/17										
a	172	144.mg	n.s.s.	3/18	67.7mg	0/17										
b	172	44.2mg	n.s.s.	3/18	67.7mg	4/17										
3452	172	76.2mg	n.s.s.	0/17	72.7mg	1/16										
a	172	76.2mg	n.s.s.	0/17	72.7mg	1/16										
b	172	60.7mg	n.s.s.	1/17	72.7mg	2/16										
3453	172	34.5mg	n.s.s.	1/17	67.7mg	5/18										
a	172	50.4mg	n.s.s.	1/17	67.7mg	3/18										
b	172	31.4mg	n.s.s.	7/17	67.7mg	8/18										
IVERMECTIN 70288-86-7																
3454	2660	.206mg	n.s.s.	0/19	.200mg	0/20								O'Connor;jepo,20,223-227;2001/pers.comm.		
JOSAMYCIN 16846-24-5																
3455	2604	4.38gm	n.s.s.	7/50	613.mg	0/50	1.23gm	0/50							Kasahara;fctx,37,61-67;1999	
3456	2664	4.13mg	n.s.s.	0/10	10.0mg	0/10	50.0mg	0/10	250.mg	0/10	1.25gm	0/10			Kasahara;fctx,40,1017-1022;2002	
3457	2604	6.99gm	n.s.s.	1/50	491.mg	0/50	981.mg	2/50							Kasahara;fctx,37,61-67;1999	
a	2604	2.96gm	n.s.s.	7/50	491.mg	3/50	(981.mg)	1/50)								
3458	2664	3.30mg	n.s.s.	0/10	8.00mg	0/10	40.0mg	0/10	200.mg	0/10	1.00gm	0/10			Kasahara;fctx,40,1017-1022;2002	
KAEMPFEROL 520-18-3																
3459	1662	6.92mg	n.s.s.	1/22	20.0mg	1/6									Takanashi;jfds,5,55-60;1983	
3460	1662	3.71mg	n.s.s.	2/30	16.0mg	2/6										
KANECHLOR 400 (PCBs, polychlorinated biphenyls) 12737-87-0																
3461	1762	20.8mg	n.s.s.	0/10	6.19mg	0/25									Kimura;zkko,87,257-266;1976	
KEPONE (chlordecone) 143-50-0																
3462	TR-B	1.01mg	6.36mg	0/10	2.30mg	26/50	(4.70mg)	23/50)								
a	TR-B	.992mg	5.65mg	0/10	2.30mg	27/50	(4.70mg)	25/50)								
b	TR-B	1.01mg	6.36mg	0/10	2.30mg	26/50	(4.70mg)	23/50)								
c	TR-B	n.s.s.	n.s.s.	0/10	2.30mg	0/50	4.70mg	0/50							liv:hpa,hpc,nnd.	
3463	TR-B	.462mg	1.59mg	6/20	2.40mg	43/50	2.20mg	39/50							lun:a/a,a/c.	
a	TR-B	.462mg	1.59mg	6/20	2.40mg	43/50	2.20mg	39/50								
b	TR-B	.462mg	1.59mg	6/20	2.40mg	43/50	2.20mg	39/50							liv:hpa,hpc,nnd.	
c	TR-B	7.21mg	n.s.s.	0/20	2.40mg	2/50	2.20mg	0/50							lun:a/a,a/c.	
3464	TR-B	.469mg	n.s.s.	7/10	.640mg	29/50	.930mg	29/50								
a	TR-B	1.30mg	n.s.s.	1/10	.640mg	1/50	.930mg	12/50							liv:hpa,hpc,nnd.	
3465	TR-B	.459mg	n.s.s.	3/15	.230mg	24/50	.690mg	16/50								
a	TR-B	1.22mg	n.s.s.	0/15	.230mg	3/50	.690mg	3/50							liv:hpa,hpc,nnd.	
3466	1160	32.4ug	n.s.s.	0/10	40.0ug	1/10									Chu;txap,59,268-278;1981	
KETOPROFEN 22071-15-4																
3467	2078	5.33mg	n.s.s.	0/12	8.00mg	0/12									Reddy;carc,13,1019-1023;1992	
KOJIC ACID (5-hydroxy-2(hydroxymethyl)-4-pyrone) 501-30-4																
3468	2588n	1.77gm	4.09gm	1/55	1.88gm	4/55	3.76gm	39/55							Fujimoto;fctx,36,697-703;1998	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	2588n	9.04gm	429.gm	0/55	1.88gm	2/55	3.76gm	5/55			
b	2588n	10.2gm	n.s.s.	1/55	1.88gm	0/55	3.76gm	0/55			
3469	2588m	119.mg	1.32gm	0/5	1.80gm	2/5	3.60gm	5/5			
3470	2588n	679.mg	1.30gm	1/55	1.73gm	34/55	3.47gm	46/55			
a	2588n	2.69gm	n.s.s.	23/55	1.73gm	36/55	3.47gm	25/55			
b	2588n	9.38gm	n.s.s.	1/55	1.73gm	0/55	3.47gm	0/55			
LASIOCARPINE 303-34-4											
3471	TR39	85.9ug	.247mg	2/24	.350mg	17/24	.750mg	19/24	1.50mg	8/24	liv:adn,ang,hpc; mul:grl,leu,lle,lym,ule. C
a	TR39	.165mg	.822mg	2/24	.350mg	9/24	.750mg	11/24	1.50mg	1/24	mul:leu,lym.
b	TR39	.183mg	.741mg	0/24	.350mg	8/24	.750mg	7/24	1.50mg	2/24	
c	TR39	.186mg	1.04mg	1/24	.350mg	7/24	.750mg	8/24	1.50mg	1/24	mul:grl,lle,ule.
d	TR39	.195mg	1.26mg	0/24	.350mg	5/24	.750mg	1/24	1.50mg	7/24	liv:adn,hpc.
e	TR39	60.1ug	.205mg	18/24	.350mg	22/24	.750mg	22/24	1.50mg	8/24	
f	TR39	3.70mg	n.s.s.	0/24	.350mg	0/24	.750mg	0/24	1.50mg	1/24	liv:hpa,hpc,nnd.
3472	TR39	.149mg	.428mg	0/24	.280mg	5/24	.600mg	14/24	1.20mg	17/24	liv:adn,ang,hpc. C
a	TR39	.208mg	.621mg	0/24	.280mg	5/24	.600mg	11/24	1.20mg	13/24	
b	TR39	.256mg	1.45mg	4/24	.280mg	3/24	.600mg	11/24	1.20mg	7/24	---:leu,lym. S
c	TR39	.329mg	3.21mg	0/24	.280mg	0/24	.600mg	3/24	1.20mg	5/24	liv:adn,hpc.
d	TR39	97.2ug	.257mg	7/24	.280mg	14/24	.600mg	22/24	1.20mg	23/24	
e	TR39	1.82mg	n.s.s.	0/24	.280mg	0/24	.600mg	0/24	1.20mg	2/24	liv:hpa,hpc,nnd.
3473	390	.319mg	3.32mg	0/10	1.86mg	9/20					Rao;bjca,37,289-293;1978
a	390	.408mg	170.mg	0/10	1.86mg	7/20					
b	390	.108mg	.469mg	0/10	1.86mg	17/20					
3474	1013	.165mg	.851mg	0/25	.880mg	11/18					Svoboda;canr,32,908-911;1972
a	1013	.188mg	1.04mg	0/25	.880mg	10/18					
b	1013	.321mg	3.10mg	0/25	.880mg	6/18					
c	1013	.406mg	n.s.s.	2/25	.880mg	5/18					
d	1013	.671mg	n.s.s.	0/25	.880mg	2/18					
e	1013	69.2ug	.372mg	2/25	.880mg	16/18					
LEAD ACETATE 301-04-2											
3475	56	3.58mg	n.s.s.	9/60	1.00mg	4/29					Schroeder;jnut,83,239-250;1964
a	56	1.90mg	n.s.s.	22/60	1.00mg	11/29					
3476	1395	2.54mg	n.s.s.	1/45	1.00mg	5/37					Schroeder;jnut,105,452-458;1975
a	1395	2.62mg	n.s.s.	9/45	1.00mg	8/37					
b	1395	3.06mg	n.s.s.	9/45	1.00mg	7/37					
3477	56	8.23mg	n.s.s.	8/44	.833mg	1/39					Schroeder;jnut,83,239-250;1964
a	56	9.99mg	n.s.s.	1/44	.833mg	0/39					
b	56	8.57mg	n.s.s.	11/44	.833mg	1/39					
3478	1395	1.98mg	n.s.s.	4/43	.833mg	8/49					Schroeder;jnut,105,452-458;1975
a	1395	1.59mg	n.s.s.	2/43	.833mg	9/49					
b	1395	1.39mg	n.s.s.	10/43	.833mg	15/49					
3479	1947	598.mg	6.55gm	0/214	25.0mg	0/24	100.mg	1/24	400.mg	4/24	Fears;txih,5,1-23;1989
a	1947	92.4mg	n.s.s.	0/214	25.0mg	0/24	100.mg	0/24	400.mg	0/24	
3480	1150	162.mg	n.s.s.	0/15	400.mg	1/15					Hinton;bect,23,464-469;1979
a	1150	309.mg	n.s.s.	0/15	400.mg	0/15					
3481	1947	80.1mg	222.mg	0/213	20.0mg	0/24	80.0mg	11/24	320.mg	19/24	Fears;txih,5,1-23;1989
a	1947	73.8mg	n.s.s.	0/214	20.0mg	0/24	80.0mg	0/24	320.mg	0/23	
3482	1036	5.00mg	n.s.s.	1/34	.265mg	0/32					Kanisawa;canr,29,892-895;1969
a	1036	1.67mg	n.s.s.	10/34	.265mg	7/32					
b	1036	2.40mg	n.s.s.	2/34	.265mg	2/32					
3483	1755	13.4mg	68.2mg	0/10	130.mg	13/16					Koller;txpy,13,50-57;1985
a	1755	229.mg	n.s.s.	0/10	130.mg	0/16					
b	1755	13.4mg	68.2mg	0/10	130.mg	13/16					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
LEAD ACETATE, BASIC 1335-32-6											
3484	176	456.mg	n.s.s.	0/23	105.mg	0/24	523.mg	0/24		Van Esch;bjca,23,765-771;1969	
3485	176	348.mg	n.s.s.	0/22	92.0mg	0/22	460.mg	0/22			
3486	176	2.42gm	n.s.s.	0/25	130.mg	0/25	751.mg	1/25			
	a	176	2.93gm	n.s.s.	0/25	130.mg	1/25	751.mg	0/25		
	b	176	2.93gm	n.s.s.	0/25	130.mg	1/25	751.mg	0/25		
	c	176	2.58gm	n.s.s.	3/25	130.mg	5/25	751.mg	1/25		
3487	176	163.mg	n.s.s.	0/25	120.mg	4/25	(713.mg)	0/25)			
	a	176	242.mg	n.s.s.	0/25	120.mg	2/25	(713.mg)	0/25)		
	b	176	529.mg	n.s.s.	0/25	120.mg	0/25	713.mg	0/25		
	c	176	2.75gm	n.s.s.	3/25	120.mg	1/25	713.mg	1/25		
3488	1709	138.mg	604.mg	0/30	400.mg	13/29				Kasprzak;carc,6,279-282;1985	
	a	1709	1.38gm	n.s.s.	0/30	400.mg	0/29				
3489	175m	43.1mg	571.mg	0/15	50.0mg	6/16				Van Esch;bjca,16,289-297;1962	
3490	175n	138.mg	1.13gm	0/13	500.mg	7/11					
3491	175m	40.4mg	2.21gm	0/14	40.0mg	5/16					
3492	175n	176.mg	2.04gm	0/13	400.mg	6/13					
LEAD DIMETHYLDITHIOCARBAMATE (ledate) 19010-66-3											
3493	TR151	11.9mg	n.s.s.	9/20	3.25mg	18/50	6.50mg	18/50			
	a	TR151	36.6mg	n.s.s.	0/20	3.25mg	1/50	6.50mg	1/50		liv:hpa,hpc,nnd.
	b	TR151	23.0mg	n.s.s.	3/20	3.25mg	4/50	6.50mg	5/50		lun:a/a,a/c.
3494	1093	35.8mg	n.s.s.	0/16	18.1mg	0/18				Innes;ntis,1968/1969	
	a	1093	35.8mg	n.s.s.	0/16	18.1mg	0/18				
	b	1093	18.8mg	n.s.s.	0/16	18.1mg	1/18				
3495	TR151	5.92mg	n.s.s.	12/20	3.00mg	32/50	6.00mg	28/50			
	a	TR151	16.0mg	n.s.s.	4/20	3.00mg	11/50	6.00mg	7/50		liv:hpa,hpc,nnd.
	b	TR151	12.0mg	n.s.s.	9/20	3.00mg	14/50	6.00mg	15/50		lun:a/a,a/c.
3496	1093	6.17mg	162.mg	0/16	16.8mg	5/16				Innes;ntis,1968/1969	
	a	1093	15.5mg	n.s.s.	0/16	16.8mg	1/16				
	b	1093	29.6mg	n.s.s.	0/16	16.8mg	0/16				
	c	1093	4.54mg	39.0mg	0/16	16.8mg	7/16				
3497	1093	35.8mg	n.s.s.	0/17	18.1mg	0/18					
	a	1093	35.8mg	n.s.s.	1/17	18.1mg	0/18				
	b	1093	35.8mg	n.s.s.	2/17	18.1mg	0/18				
3498	1093	14.6mg	n.s.s.	2/18	16.8mg	2/17					
	a	1093	31.4mg	n.s.s.	1/18	16.8mg	0/17				
	b	1093	16.2mg	n.s.s.	3/18	16.8mg	2/17				
3499	TR151	1.82mg	n.s.s.	15/20	1.25mg	33/50	2.50mg	36/50			
	a	TR151	16.3mg	n.s.s.	1/20	1.25mg	1/50	2.50mg	1/50		liv:hpa,hpc,nnd.
3500	TR151	1.40mg	n.s.s.	17/20	1.00mg	40/50	2.00mg	37/50			
	a	TR151	11.8mg	n.s.s.	0/20	1.00mg	0/50	2.00mg	1/50		liv:hpa,hpc,nnd.
LEUPEPTIN 24365-47-7											
3501	1432	59.6mg	n.s.s.	3/20	130.mg	7/25				Hosaka;gann,71,913-917;1980	
	a	1432	152.mg	n.s.s.	0/20	130.mg	1/25				
3502	1432	25.2mg	641.mg	4/23	120.mg	14/25					
	a	1432	29.0mg	n.s.s.	15/23	120.mg	17/25				
LEVOBUNOLOL.HCl 27912-14-7											
3503	2067m	423.mg	6.69gm	0/100	12.0mg	0/50	50.0mg	0/50	200.mg	4/50	Rothwell;faat,18,353-359;1992/pers.comm.
	a	2067m	288.mg	n.s.s.	18/100	12.0mg	8/50	50.0mg	7/50	200.mg	10/50
	b	2067m	816.mg	n.s.s.	0/100	12.0mg	0/50	50.0mg	0/50	200.mg	1/50
3504	2067m	495.mg	n.s.s.	22/100	12.0mg	6/50	50.0mg	6/50	200.mg	7/50	
	a	2067m	594.mg	n.s.s.	9/100	12.0mg	1/50	50.0mg	3/50	200.mg	3/50
3505	2067m	4.85mg	n.s.s.	0/10	5.00mg	0/10	30.0mg	0/10	180.mg	0/10	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
3506	2067n	27.0mg	n.s.s.	27/100	5.00mg	24/50	30.0mg	23/50	(180.mg	15/50)		
a	2067n	554.mg	n.s.s.	4/100	5.00mg	4/50	30.0mg	2/50	180.mg	5/50		
3507	2067o	2.85mg	n.s.s.	0/10	.500mg	1/10	2.00mg	0/10	5.00mg	0/10		
3508	2067r	.429mg	n.s.s.	0/10	.500mg	0/10	2.00mg	0/10	5.00mg	0/10		
3509	2067s	3.05mg	n.s.s.	2/80	.500mg	0/40	2.00mg	0/40	5.00mg	0/40		
a	2067s	26.5mg	n.s.s.	1/80	.500mg	4/40	2.00mg	1/40	5.00mg	1/40		
b	2067s	29.1mg	n.s.s.	0/80	.500mg	1/40	2.00mg	1/40	5.00mg	0/40		
3510	2067m	4.85mg	n.s.s.	0/10	5.00mg	0/10	30.0mg	0/10	180.mg	0/10		
3511	2067n	388.mg	12.9gm	2/100	5.00mg	2/50	30.0mg	2/50	180.mg	7/50		
a	2067n	43.1mg	n.s.s.	1/100	5.00mg	0/50	30.0mg	0/50	180.mg	0/50		
3512	2067o	.191mg	n.s.s.	0/10	.500mg	0/10	2.00mg	0/10	5.00mg	0/10		
3513	2067r	.429mg	n.s.s.	0/10	.500mg	0/10	2.00mg	0/10	5.00mg	0/10		
3514	2067s	9.99mg	n.s.s.	10/80	.500mg	7/40	2.00mg	11/40	5.00mg	6/40		
a	2067s	41.1mg	n.s.s.	1/80	.500mg	0/40	2.00mg	1/40	5.00mg	0/40		
D-LIMONENE 5989-27-5												
3515	TR347	3.18gm	n.s.s.	0/50	354.mg	0/50	707.mg	3/50				S
a	TR347	532.mg	n.s.s.	41/50	354.mg	31/50	(707.mg	26/50)				
b	TR347	1.84gm	n.s.s.	4/50	354.mg	2/50	707.mg	8/50			liv:hpa,hpc,nnd.	
c	TR347	4.74gm	n.s.s.	5/50	354.mg	2/50	707.mg	2/50			lun:a/a,a/c.	
3516	TR347	134.mg	n.s.s.	43/50	177.mg	29/50	(354.mg	35/50)				
a	TR347	862.mg	n.s.s.	22/50	177.mg	14/50	354.mg	15/50			liv:hpa,hpc,nnd.	
b	TR347	1.01gm	n.s.s.	15/50	177.mg	9/50	354.mg	10/50			lun:a/a,a/c.	
3517	TR347	240.mg	14.6gm	3/50	211.mg	13/50	(424.mg	5/50)				S
a	TR347	224.mg	n.s.s.	37/50	211.mg	44/50	424.mg	26/50				
b	TR347	4.07gm	n.s.s.	2/50	211.mg	0/50	424.mg	0/50			liv:hpa,hpc,nnd.	
3518	TR347	119.mg	644.mg	0/50	53.1mg	8/50	106.mg	11/50			kid:tla,uac.	
a	TR347	167.mg	1.90gm	0/50	53.1mg	4/50	106.mg	8/50				
b	TR347	257.mg	n.s.s.	0/50	53.1mg	4/50	106.mg	3/50				
c	TR347	102.mg	n.s.s.	43/50	53.1mg	40/50	106.mg	45/50				
d	TR347	504.mg	n.s.s.	2/50	53.1mg	2/50	106.mg	2/50			liv:hpa,hpc,nnd.	
LITHOCHOLIC ACID 434-13-9												
3519	TR175	111.mg	n.s.s.	6/20	52.5mg	20/50	105.mg	23/50				
a	TR175	392.mg	n.s.s.	0/20	52.5mg	1/50	105.mg	3/50			liv:hpa,hpc,nnd.	
b	TR175	357.mg	n.s.s.	0/20	52.5mg	1/50	105.mg	3/50			lun:a/a,a/c.	
3520	TR175	132.mg	n.s.s.	12/20	52.5mg	26/50	105.mg	20/50				
a	TR175	187.mg	n.s.s.	6/20	52.5mg	17/50	105.mg	9/50			liv:hpa,hpc,nnd.	
b	TR175	180.mg	n.s.s.	1/20	52.5mg	7/50	105.mg	5/50			lun:a/a,a/c.	
3521	TR175	129.mg	n.s.s.	14/20	106.mg	35/49	212.mg	35/50				
a	TR175	653.mg	n.s.s.	0/20	106.mg	2/49	212.mg	2/50			liv:hpa,hpc,nnd.	
3522	TR175	150.mg	n.s.s.	9/20	106.mg	26/50	212.mg	30/50				
a	TR175	778.mg	n.s.s.	0/20	106.mg	1/50	212.mg	3/50			liv:hpa,hpc,nnd.	
LOCUST BEAN GUM (carob seed gum) 9000-40-2												
3523	TR221	6.98gm	n.s.s.	0/50	3.19gm	4/50	(6.44gm	1/50)				S
a	TR221	26.2gm	n.s.s.	0/50	3.19gm	0/50	6.44gm	3/50				S
b	TR221	4.02gm	n.s.s.	45/50	3.19gm	36/50	(6.44gm	30/50)				
c	TR221	34.8gm	n.s.s.	3/50	3.19gm	2/50	6.44gm	2/50			liv:hpa,hpc,nnd.	
d	TR221	29.4gm	n.s.s.	5/50	3.19gm	2/50	6.44gm	4/50			lun:a/a,a/c.	
3524	TR221	2.90gm	n.s.s.	7/50	2.94gm	17/50	(5.94gm	11/50)				S
a	TR221	5.06gm	n.s.s.	36/50	2.94gm	41/50	5.94gm	38/50				
b	TR221	14.0gm	n.s.s.	18/50	2.94gm	16/50	5.94gm	14/50			liv:hpa,hpc,nnd.	
c	TR221	9.89gm	n.s.s.	14/50	2.94gm	21/50	5.94gm	14/50			lun:a/a,a/c.	
3525	TR221	4.97gm	n.s.s.	1/50	1.23gm	4/50	2.45gm	6/50				S
a	TR221	1.74gm	n.s.s.	44/50	1.23gm	43/50	2.45gm	42/50				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	TR221	n.s.s.	n.s.s.	0/50	1.23gm	0/50	2.45gm	0/50			liv:hpa,hpc,nnd.
3526	TR221	1.78gm	n.s.s.	37/50	981.mg	35/50	1.96gm	35/50			
a	TR221	9.23gm	n.s.s.	1/50	981.mg	2/50	1.96gm	1/50			liv:hpa,hpc,nnd.
LOFEXIDINE.HCl (2-[1-(2,6-dichlorphenoxy)-ethyl]-2-imidazoline.HCl) 21498-08-8											
3527	1668	.563mg	n.s.s.	0/10	3.00mg	2/10	(8.00mg	0/20)		Tsai;arzn,31,955-962;1982	
3528	1668	.563mg	n.s.s.	0/10	3.00mg	2/10	(8.00mg	0/20)			
LONIDAMINE 50264-69-2											
3529	2055	228.mg	n.s.s.	87/100	20.0mg	44/50	60.0mg	36/50	180.mg	39/50	Patton;txlt,62,209-214;1992/pers.comm.
a	2055	239.mg	n.s.s.	92/100	20.0mg	45/50	60.0mg	38/50	180.mg	40/50	
b	2055	902.mg	n.s.s.	14/100	20.0mg	7/50	60.0mg	8/50	180.mg	4/50	
3530	2055	54.0mg	n.s.s.	90/100	20.0mg	42/50	60.0mg	40/50	180.mg	48/50	
a	2055	108.mg	n.s.s.	83/100	20.0mg	37/50	60.0mg	38/50	180.mg	42/50	
b	2055	677.mg	n.s.s.	18/100	20.0mg	11/50	60.0mg	6/50	180.mg	8/50	
LORNOXICAM 70374-39-9											
3531	2532m	40.5ug	n.s.s.	0/20	60.0ug	0/20	.160mg	0/20	.400mg	0/20	Pohlmeyer-Esch;fctx,35,909-922;1997
3532	2532n	8.83ug	n.s.s.	0/20	10.0ug	0/20	60.0ug	0/20			
3533	2532o	2.14mg	n.s.s.	0/100	62.5ug	0/50	.125mg	0/50	.199mg	1/50	
a	2532o	.252mg	n.s.s.	89/100	62.5ug	44/50	.125mg	33/50	(.199mg	24/50)	
3534	2532m	40.5ug	n.s.s.	0/20	60.0ug	0/20	.160mg	0/20	.400mg	0/20	
3535	2532n	8.83ug	n.s.s.	0/20	10.0ug	0/20	60.0ug	0/20			
3536	2532o	2.79mg	n.s.s.	5/100	62.5ug	0/50	.125mg	1/50	.250mg	1/50	
a	2532o	.204mg	n.s.s.	78/100	62.5ug	39/50	.125mg	41/50	.250mg	38/50	
LOVASTATIN (Mevacor) 75330-75-5											
3537	2365	374.mg	1.14gm	0/100	20.0mg	0/50	100.mg	2/50	500.mg	20/50	MacDonald;amjc,62,16J-27J;1988/FDA 1987/pers.comm.
a	2365	544.mg	2.68gm	1/100	20.0mg	0/50	100.mg	6/50	500.mg	10/50	
b	2365	520.mg	27.9gm	7/100	20.0mg	8/50	100.mg	9/50	500.mg	13/50	
c	2365	966.mg	7.16gm	0/100	20.0mg	0/50	100.mg	0/50	500.mg	7/50	
d	2365	2.74gm	n.s.s.	1/100	20.0mg	1/50	100.mg	0/50	500.mg	1/50	
e	2365	1.88gm	n.s.s.	4/100	20.0mg	5/50	100.mg	1/50	500.mg	3/50	
3538	2365	254.mg	985.mg	16/100	20.0mg	6/50	100.mg	12/50	500.mg	27/50	
a	2365	382.mg	1.88gm	8/100	20.0mg	5/50	100.mg	6/50	500.mg	19/50	
b	2365	1.56gm	n.s.s.	2/100	20.0mg	0/50	100.mg	3/50	500.mg	2/50	
c	2365	130.mg	n.s.s.	1/100	20.0mg	0/50	100.mg	0/50	500.mg	0/50	
d	2365	3.81gm	n.s.s.	3/100	20.0mg	3/50	100.mg	2/50	500.mg	0/50	
e	2365	1.20gm	n.s.s.	17/100	20.0mg	7/50	100.mg	8/50	500.mg	8/50	
3539	2365	1.33gm	n.s.s.	2/100	5.00mg	0/50	30.0mg	0/50	180.mg	1/50	
3540	2365	650.mg	n.s.s.	0/100	5.00mg	2/50	30.0mg	1/50	180.mg	3/50	
a	2365	1.47gm	n.s.s.	4/100	5.00mg	0/50	30.0mg	0/50	180.mg	1/50	
LOXTIDINE 76956-02-0											
3541	2450	128.mg	741.mg	0/114	50.0mg	9/63	(185.mg	8/63	685.mg	10/63)	Poynter;guts,26,1284-1295;1985
a	2450	10.8gm	n.s.s.	0/114	50.0mg	1/63	185.mg	0/63	685.mg	0/63	
3542	2450	819.mg	20.2gm	0/114	50.0mg	2/63	185.mg	4/63	(685.mg	1/63)	
a	2450	6.67gm	n.s.s.	2/114	50.0mg	2/63	185.mg	2/63	685.mg	1/63	
LUPITIDINE.3HCl (SK&F 93479-A3) 72716-75-7											
3543	2451	7.42gm	n.s.s.	0/50	1.00gm	0/47					Betton;txpy,16,288-298;1988/pers.comm.
3544	2451	7.42gm	n.s.s.	0/42	1.00gm	0/47					
3545	2451	1.35gm	8.75gm	0/40	40.0mg	0/36	200.mg	0/17	1.00gm	8/37	
3546	2451	1.56gm	13.8gm	0/40	40.0mg	0/23	200.mg	0/22	1.00gm	6/34	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
LUTEOSKYRIN 21884-44-6												
3547	1346m	24.0mg	n.s.s.	0/7	6.00mg	3/26					Uraguchi;fctx,10,193-207;1972	
a	1346m	29.9mg	n.s.s.	0/7	6.00mg	2/26						
b	1346m	40.4mg	n.s.s.	0/7	6.00mg	1/26						
3548	1346m	7.71mg	45.5mg	0/10	1.67mg	2/18	5.00mg	11/24	(16.7mg	11/29)		
a	1346m	42.0mg	n.s.s.	0/10	1.67mg	0/18	5.00mg	5/24	16.7mg	6/29		
b	1346m	34.0mg	n.s.s.	0/10	1.67mg	1/18	5.00mg	7/24	16.7mg	7/29		
c	1346m	100.mg	n.s.s.	0/10	1.67mg	0/18	5.00mg	1/24	16.7mg	2/29		
d	1346m	108.mg	n.s.s.	0/10	1.67mg	1/18	5.00mg	3/24	16.7mg	1/29		
3549	1346n	11.3mg	n.s.s.	0/9	5.00mg	8/29						
a	1346n	22.5mg	n.s.s.	0/9	5.00mg	3/29						
b	1346n	27.9mg	n.s.s.	0/9	5.00mg	2/29						
3550	1346o	27.9mg	n.s.s.	0/10	5.00mg	2/29						
a	1346o	37.6mg	n.s.s.	0/10	5.00mg	1/29						
LUTESTRAL 8065-91-6												
3551	1175	.759mg	n.s.s.	54/92	1.04mg	19/30					Rudali;jnci,49,813-819;1972	
3552	1175	.487mg	n.s.s.	161/167p	1.04mg	28/31						
3553	1463	.851mg	4.52mg	0/76	.960mg	10/32					Rudali;gmcr,17,243-252;1975	
3554	1175	.531mg	n.s.s.	50/73	1.04mg	31/40					Rudali;jnci,49,813-819;1972	
LYNESTRENOL 52-76-6												
3555	2168	.265mg	2.68mg	1/16	78.1ug	0/16	.391mg	3/16	.977mg	7/16	Misdorp;aenc,125,27-31;1991/pers.comm.	
MAGNESIUM CHLORIDE HEXAHYDRATE 7791-18-6												
3556	1945	12.5gm	n.s.s.	0/49	600.mg	1/50	2.40gm	1/50			Kurata;fctx,27,559-563;1989	
a	1945	7.51gm	n.s.s.	1/50	600.mg	5/50	2.40gm	3/50				
b	1945	16.3gm	n.s.s.	0/49	600.mg	0/50	2.40gm	1/49				
c	1945	9.45gm	n.s.s.	0/49	600.mg	3/50	2.40gm	1/49				
d	1945	15.8gm	n.s.s.	1/49	600.mg	1/50	2.40gm	1/50				
e	1945	5.08gm	n.s.s.	9/49	600.mg	17/50	2.40gm	11/50				
f	1945	18.6gm	n.s.s.	0/49	600.mg	1/50	2.40gm	0/50				
3557	1945	3.73gm	n.s.s.	5/50	554.mg	7/50	2.22gm	11/50				
a	1945	11.5gm	n.s.s.	0/50	554.mg	0/50	2.22gm	2/50				
b	1945	6.05gm	n.s.s.	2/50	554.mg	4/50	2.22gm	5/50				
c	1945	9.95gm	n.s.s.	1/49	554.mg	2/50	2.22gm	2/50				
d	1945	8.24gm	n.s.s.	17/50	554.mg	11/50	2.22gm	10/50				
e	1945	2.72gm	n.s.s.	13/50	554.mg	6/50	(2.22gm	4/50)				
f	1945	11.5gm	n.s.s.	2/49	554.mg	2/50	2.22gm	2/50				
MALAOXON (malathion-O-analog) 1634-78-2												
3558	TR135	265.mg	n.s.s.	15/50	65.0mg	15/50	130.mg	15/50				
a	TR135	263.mg	n.s.s.	6/50	65.0mg	3/50	(130.mg	1/50)			liv:hpa,hpc,nnd.	
b	TR135	680.mg	n.s.s.	0/50	65.0mg	1/50	130.mg	1/50			lun:a/a,a/c.	
3559	TR135	127.mg	n.s.s.	23/50	59.4mg	18/50	119.mg	26/50				
a	TR135	183.mg	n.s.s.	12/50	59.4mg	5/50	119.mg	17/50			liv:hpa,hpc,nnd.	
b	TR135	315.mg	n.s.s.	6/50	59.4mg	5/50	119.mg	6/50			lun:a/a,a/c.	
3560	TR135	120.mg	n.s.s.	0/50	25.0mg	1/50	49.5mg	5/50			thy:cca,ccr. S	
a	TR135	41.9mg	n.s.s.	45/50	25.0mg	44/50	49.5mg	44/50				
b	TR135	n.s.s.	n.s.s.	0/50	25.0mg	3/50	49.5mg	0/50			liv:hpa,hpc,nnd.	
3561	TR135	27.7mg	n.s.s.	44/50	20.0mg	43/50	40.0mg	40/50				
a	TR135	254.mg	n.s.s.	0/50	20.0mg	0/50	40.0mg	1/50			liv:hpa,hpc,nnd.	
MALATHION 121-75-5												
3562	TR24	4.12gm	n.s.s.	1/10	884.mg	5/50	1.75gm	5/50				
a	TR24	7.80gm	n.s.s.	0/10	884.mg	0/50	1.75gm	2/50			liv:hpa,hpc,nnd.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR24	n.s.s.	n.s.s.	0/10	884.mg	0/50	1.75gm	0/50		lun:a/a,a/c.
3563	TR24	4.17gm	n.s.s.	0/10	816.mg	0/50	1.62gm	6/50		S
a	TR24	1.66gm	n.s.s.	3/10	816.mg	9/50	1.62gm	19/50		
b	TR24	1.74gm	n.s.s.	2/10	816.mg	7/50	1.62gm	17/50	liv:hpa,hpc,nnd.	
c	TR24	7.80gm	n.s.s.	0/10	816.mg	1/50	1.62gm	1/50	lun:a/a,a/c.	
3564	TR192	82.4mg	n.s.s.	43/50	97.2mg	45/50	194.mg	45/50		
a	TR192	1.16gm	n.s.s.	2/50	97.2mg	0/50	194.mg	1/50	liv:hpa,hpc,nnd.	
3565	TR24	175.mg	n.s.s.	7/15	166.mg	28/50	299.mg	32/50		
a	TR24	1.17gm	n.s.s.	0/15	166.mg	0/50	299.mg	3/50	liv:hpa,hpc,nnd.	
3566	TR24	1.02gm	n.s.s.	0/55p	166.mg	0/50	299.mg	4/50	thy:fca,fcc.	S
3567	TR192	64.8mg	587.mg	2/50	78.5mg	11/50	157.mg	6/49		S
a	TR192	32.0mg	340.mg	32/50	78.5mg	30/50	157.mg	26/49		
b	TR192	101.mg	n.s.s.	0/50	78.5mg	2/50	157.mg	0/49	liv:hpa,hpc,nnd.	
3568	TR24	139.mg	n.s.s.	4/15	133.mg	23/50	239.mg	25/50		
a	TR24	851.mg	n.s.s.	0/15	133.mg	2/50	239.mg	1/50	liv:hpa,hpc,nnd.	
MALEIC HYDRAZIDE (1,2-dihydro-3,6-pyridazinedione) 123-33-1										
3569	1193	382.mg	n.s.s.	0/17	414.mg	1/16			Innes;ntis,1968/1969	
a	1193	431.mg	n.s.s.	1/17	414.mg	1/16				
b	1193	205.mg	n.s.s.	2/17	414.mg	4/16				
3570	1193	302.mg	n.s.s.	1/18	385.mg	2/17				
a	1193	721.mg	n.s.s.	2/18	385.mg	0/17				
b	1193	280.mg	n.s.s.	3/18	385.mg	3/17				
3571	1193	774.mg	n.s.s.	0/16	414.mg	0/17				
a	1193	774.mg	n.s.s.	0/16	414.mg	0/17				
b	1193	774.mg	n.s.s.	0/16	414.mg	0/17				
3572	1193	259.mg	n.s.s.	0/16	385.mg	2/16				
a	1193	678.mg	n.s.s.	0/16	385.mg	0/16				
b	1193	205.mg	n.s.s.	0/16	385.mg	3/16				
3573	1520	340.mg	n.s.s.	1/12	72.9mg	2/35			Cabral;txcy,24,169-173;1982	
a	1520	394.mg	n.s.s.	2/12	72.9mg	2/35				
b	1520	51.4mg	n.s.s.	5/12	72.9mg	22/35				
3574	1520	395.mg	n.s.s.	0/11	72.9mg	1/37				
a	1520	237.mg	n.s.s.	1/11	72.9mg	4/37				
b	1520	112.mg	n.s.s.	7/11	72.9mg	18/37				
3575	1109	1.33gm	n.s.s.	0/9	500.mg	0/14			Barnes;natu,180,62-64;1957	
a	1109	393.mg	n.s.s.	2/9	500.mg	4/14				
3576	1109	1.07gm	n.s.s.	0/8	400.mg	0/14				
a	1109	467.mg	n.s.s.	1/8	400.mg	2/14				
MALONALDEHYDE, SODIUM SALT (3-hydroxy-2-propenal, sodium salt) 24382-04-5										
3577	TR331	64.5mg	n.s.s.	27/50	42.0mg	31/50	84.9mg	26/50		
a	TR331	184.mg	n.s.s.	2/50	42.0mg	3/50	84.9mg	5/50	liv:hpa,hpc,nnd.	
b	TR331	200.mg	n.s.s.	5/50	42.0mg	7/50	84.9mg	4/50	lun:a/a,a/c.	
3578	TR331	36.0mg	n.s.s.	39/50	42.4mg	37/50	84.9mg	31/50		
a	TR331	55.8mg	n.s.s.	17/50	42.4mg	21/50	84.9mg	17/50	liv:hpa,hpc,nnd.	
b	TR331	102.mg	n.s.s.	10/50	42.4mg	5/50	84.9mg	8/50	lun:a/a,a/c.	
3579	1521	1.14mg	n.s.s.	0/97p	.100mg	0/49	1.00mg	2/50	(10.0mg 0/48)	Bird;jtxe,10,897-905;1982
a	1521	5.07mg	n.s.s.	1/97p	.100mg	2/49	1.00mg	4/50	10.0mg 6/48	
b	1521	7.78mg	n.s.s.	1/97p	.100mg	1/49	1.00mg	0/50	10.0mg 4/48	
c	1521	10.3mg	n.s.s.	0/97p	.100mg	1/49	1.00mg	2/50	10.0mg 2/48	
d	1521	14.3mg	n.s.s.	6/97p	.100mg	4/49	1.00mg	5/50	10.0mg 2/48	
3580	TR331	98.7mg	n.s.s.	2/50	35.0mg	1/50	70.7mg	7/50	thy:fca,fcc.	
a	TR331	34.5mg	n.s.s.	37/50	35.0mg	37/50	70.7mg	21/50		
b	TR331	318.mg	n.s.s.	0/50	35.0mg	0/50	70.7mg	1/50	liv:hpa,hpc,nnd.	
3581	TR331	37.4mg	216.mg	4/50	35.4mg	17/50	70.7mg	13/50	pni:isa; thy:fca,fcc.	C

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc				Citation or Pathology	Brkly Code
a	TR331	37.9mg	219.mg	0/50	35.4mg	9/50	(70.7mg	1/50)					
b	TR331	39.6mg	876.mg	1/50	35.4mg	9/50	(70.7mg	1/50)				pni:isa,isc.	S
c	TR331	56.2mg	545.mg	4/50	35.4mg	8/50	70.7mg	13/50				thy:fca,fcc.	
d	TR331	18.5mg	n.s.s.	40/50	35.4mg	45/50	70.7mg	36/50					S
e	TR331	70.8mg	n.s.s.	5/50	35.4mg	6/50	70.7mg	8/50					S
f	TR331	81.3mg	n.s.s.	1/50	35.4mg	7/50	70.7mg	3/50				sub: fbs, fib.	S
g	TR331	86.5mg	n.s.s.	3/50	35.4mg	3/50	70.7mg	9/50					S
h	TR331	98.2mg	n.s.s.	1/50	35.4mg	5/50	70.7mg	5/50					S
i	TR331	186.mg	n.s.s.	0/50	35.4mg	1/50	70.7mg	3/50					S
j	TR331	20.2mg	889.mg	40/50	35.4mg	40/50	70.7mg	41/50					
k	TR331	133.mg	n.s.s.	3/50	35.4mg	2/50	70.7mg	3/50				liv:hpa,hpc,nnd.	
MANGANESE ETHYLENEBISTHIOCARBAMATE (maneb) 12427-38-2													
3582	1214	25.6mg	n.s.s.	1/17	21.6mg	1/18						Innes;ntis,1968/1969	
a	1214	42.7mg	n.s.s.	0/17	21.6mg	0/18							
b	1214	15.5mg	n.s.s.	2/17	21.6mg	3/18							
3583	1214	11.5mg	n.s.s.	2/18	20.0mg	4/18							
a	1214	39.7mg	n.s.s.	1/18	20.0mg	0/18							
b	1214	12.4mg	n.s.s.	3/18	20.0mg	4/18							
3584	1214	40.3mg	n.s.s.	0/16	21.6mg	0/17							
a	1214	40.3mg	n.s.s.	0/16	21.6mg	0/17							
b	1214	40.3mg	n.s.s.	0/16	21.6mg	0/17							
3585	1214	20.9mg	n.s.s.	0/16	20.0mg	1/18							
a	1214	20.9mg	n.s.s.	0/16	20.0mg	1/18							
b	1214	15.3mg	n.s.s.	0/16	20.0mg	2/18							
3586	1426	109.mg	n.s.s.	0/46	88.0mg	0/6						Andrianova;vpit,29,71-74;1970	
a	1426	36.3mg	n.s.s.	1/46	88.0mg	2/6							
MANGANESE (II) SULFATE MONOHYDRATE 10034-96-5													
3587	TR428	6.11gm	n.s.s.	2/51	192.mg	1/50	641.mg	0/51	1.92gm	5/51			
a	TR428	1.89gm	n.s.s.	37/51	192.mg	37/50	641.mg	37/51	1.92gm	36/51			
b	TR428	4.20gm	n.s.s.	13/51	192.mg	15/50	641.mg	7/51	1.92gm	13/51			
c	TR428	7.11gm	n.s.s.	6/51	192.mg	4/50	641.mg	6/51	1.92gm	4/51		liv:hpa,hpb,hpc.	
3588	TR428	7.20gm	n.s.s.	1/50	178.mg	0/50	592.mg	0/51	1.78gm	4/51		lun:a/a,a/c.	S
a	TR428	7.93gm	n.s.s.	0/50	178.mg	0/50	592.mg	0/51	1.78gm	3/51			
b	TR428	2.01gm	n.s.s.	46/50	178.mg	44/50	592.mg	40/51	1.78gm	39/51			
c	TR428	182.mg	n.s.s.	34/50	178.mg	31/50	(592.mg	24/51	1.78gm	22/51)		liv:hpa,hpb,hpc.	
d	TR428	4.17gm	n.s.s.	12/50	178.mg	13/50	592.mg	9/51	1.78gm	12/51		lun:a/a,a/c.	
3589	TR428	557.mg	n.s.s.	45/50	74.0mg	47/50	247.mg	49/51	740.mg	42/50			
a	TR428	4.29gm	n.s.s.	0/50	74.0mg	1/50	247.mg	1/51	740.mg	0/50		liv:hpa,hpb,hpc.	
3590	TR428	513.mg	n.s.s.	0/52	59.2mg	3/51	197.mg	4/51	591.mg	4/52		pni:isa,isc.	S
a	TR428	147.mg	n.s.s.	44/52	59.2mg	46/51	197.mg	46/51	591.mg	44/52			
b	TR428	1.46gm	n.s.s.	0/52	59.2mg	1/51	197.mg	1/51	591.mg	0/52		liv:hpa,hpb,hpc.	
MANIDIPINE.2HCL (CV-4093.2HCL) 89226-75-5													
3591	2430	81.5mg	n.s.s.	3/50	1.20mg	2/50	4.00mg	2/50	12.0mg	3/50	40.0mg	4/50	Osheroff;jjpt,17,1205-1216;1989
a	2430	134.mg	n.s.s.	0/50	1.20mg	0/50	4.00mg	0/49	12.0mg	1/50	40.0mg	1/50	
3592	2430	32.8mg	n.s.s.	5/50	1.20mg	9/50	4.00mg	1/49	12.0mg	5/50	(40.0mg	1/50)	
a	2430	94.1mg	n.s.s.	10/50	1.20mg	6/50	4.00mg	9/50	12.0mg	8/50	40.0mg	6/50	
b	2430	183.mg	n.s.s.	2/50	1.20mg	2/50	4.00mg	0/49	12.0mg	1/50	40.0mg	1/50	
3593	2431	25.5mg	n.s.s.	3/49	.600mg	2/49	2.00mg	1/50	6.00mg	4/50			Osheroff;jjpt,17,1217-1231;1989
a	2431	4.35mg	n.s.s.	1/49	.600mg	0/49	2.00mg	0/50	6.00mg	0/50			
3594	2431	35.2mg	n.s.s.	1/50	.600mg	0/50	2.00mg	2/50	6.00mg	1/50			
a	2431	30.3mg	n.s.s.	1/50	.600mg	6/50	2.00mg	0/50	6.00mg	3/50			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
D-MANNITOL 69-65-8										
3595	TR236	17.7gm	n.s.s.	0/50	3.19gm	2/50	6.38gm	3/50		S
a	TR236	19.5gm	n.s.s.	0/50	3.19gm	2/50	6.38gm	4/50		S
b	TR236	11.2gm	n.s.s.	26/50	3.19gm	24/50	6.38gm	18/50		
c	TR236	25.7gm	n.s.s.	3/50	3.19gm	3/50	6.38gm	2/50	liv:hpa,hpc,ndd.	
d	TR236	36.9gm	n.s.s.	3/50	3.19gm	2/50	6.38gm	1/50	lun:a/a,a/c.	
3596	TR236	10.6gm	n.s.s.	33/50	2.94gm	26/50	5.89gm	26/50		
a	TR236	14.5gm	n.s.s.	14/50	2.94gm	14/50	5.89gm	11/50	liv:hpa,hpc,ndd.	
b	TR236	10.7gm	n.s.s.	9/50	2.94gm	12/50	5.89gm	11/50	lun:a/a,a/c.	
3597	TR236	686.mg	n.s.s.	45/50	1.23gm	44/50	(2.45gm)	36/50)		
a	TR236	n.s.s.	n.s.s.	0/50	1.23gm	1/50	2.45gm	0/50	liv:hpa,hpc,ndd.	
3598	TR236	1.77gm	n.s.s.	40/50	981.mg	40/50	1.96gm	36/50		
a	TR236	6.18gm	n.s.s.	0/50	981.mg	2/50	1.96gm	2/50	liv:hpa,hpc,ndd.	
MANNITOL NITROGEN MUSTARD (degranol) 576-68-1										
3599	1017	.583mg	n.s.s.	7/65	.286mg	6/37			Schmahl;arzn,20,1461-1467;1970	
a	1017	.706mg	n.s.s.	4/65	.286mg	4/37				
b	1017	1.05mg	n.s.s.	3/65	.286mg	2/37				
MeA-alpha-C ACETATE (2-amino-3-methyl-9H-pyrido-[2,3-b]-indole acetate) 117831-29-5										
3600	1616	23.7mg	67.3mg	0/40	104.mg	28/40			Ohgaki;carc,5,815-819;1984	
a	1616	23.7mg	67.3mg	0/40	104.mg	28/40				
b	1616	53.9mg	210.mg	0/40	104.mg	15/40				
c	1616	62.1mg	267.mg	0/40	104.mg	13/40				
d	1616	299.mg	n.s.s.	0/40	104.mg	1/40				
e	1616	273.mg	n.s.s.	2/40	104.mg	2/40				
3601	1616	9.38mg	26.7mg	0/40	96.0mg	35/40				
a	1616	25.6mg	81.9mg	0/40	96.0mg	21/40				
b	1616	46.6mg	214.mg	0/40	96.0mg	12/40				
c	1616	59.7mg	372.mg	0/40	96.0mg	9/40				
d	1616	132.mg	n.s.s.	3/40	96.0mg	4/40				
e	1616	192.mg	n.s.s.	11/40	96.0mg	5/40				
3602	2064	3.53mg	20.3mg	2/20	4.00mg	4/20	8.00mg	14/20	Tamano;carc,15,2009-2015;1994	
a	2064	4.65mg	23.5mg	0/20	4.00mg	6/20	8.00mg	8/20		
b	2064	5.87mg	52.8mg	0/20	4.00mg	5/20	8.00mg	6/20		
c	2064	10.8mg	n.s.s.	0/20	4.00mg	3/20	8.00mg	2/20		
d	2064	14.5mg	n.s.s.	0/20	4.00mg	0/20	8.00mg	3/20		
e	2064	18.1mg	n.s.s.	0/20	4.00mg	0/20	8.00mg	2/20		
MeIQ (2-amino-3,4-dimethylimidazo[4,5-f]quinoline) 77094-11-2										
3603	1798	7.18mg	16.5mg	0/40	13.0mg	19/36	52.0mg	34/38	Ohgaki;carc,7,1889-1893;1986	
a	1798	16.0mg	39.7mg	0/40	13.0mg	11/36	52.0mg	24/38		
b	1798	17.2mg	45.4mg	0/40	13.0mg	4/36	52.0mg	27/38		
c	1798	36.4mg	135.mg	0/40	13.0mg	0/36	52.0mg	16/38		
d	1798	10.1mg	n.s.s.	5/40	13.0mg	12/36	(52.0mg)	7/38)		
3604	1798	9.53mg	23.1mg	0/29	12.0mg	7/38	48.0mg	35/38		
a	1798	14.4mg	37.1mg	0/29	12.0mg	3/38	48.0mg	30/38		
b	1798	46.8mg	n.s.s.	6/29	12.0mg	6/38	48.0mg	12/38		
c	1798	163.mg	n.s.s.	1/29	12.0mg	3/38	48.0mg	1/38		
d	1798	70.6mg	n.s.s.	4/29	12.0mg	11/38	48.0mg	7/38		
3605	2617	11.2mg	59.8mg	9/39	39.0mg	27/40			Fujita;gann,90,1203-1206;1999	
a	2617	18.1mg	65.2mg	0/39	39.0mg	17/40				
b	2617	25.7mg	118.mg	0/39	39.0mg	12/40				
c	2617	30.1mg	166.mg	0/39	39.0mg	10/40				
d	2617	36.1mg	272.mg	0/39	39.0mg	8/40				
e	2617	40.0mg	393.mg	0/39	39.0mg	7/40				

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code		
MeIQx (2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline) 77500-04-0											
3606	1820m	7.95mg	25.6mg	0/39	78.0mg	32/35		Ohgaki;carc,8,665-668;1987/Wakabayashi	1992		
a	1820m	7.95mg	25.6mg	0/39	78.0mg	32/35					
b	1820m	16.6mg	50.3mg	0/39	78.0mg	25/35					
c	1820m	37.2mg	370.mg	4/39	78.0mg	15/35					
d	1820m	59.2mg	n.s.s.	2/39	78.0mg	9/35					
e	1820m	83.2mg	n.s.s.	2/39	78.0mg	6/35					
f	1820m	83.2mg	n.s.s.	11/39	78.0mg	10/35					
3607	1820m	38.8mg	10.9gm	5/36	72.0mg	15/37					
a	1820m	49.6mg	273.mg	0/36	72.0mg	10/37					
b	1820m	48.9mg	1.23gm	2/36	72.0mg	11/37					
c	1820m	37.0mg	n.s.s.	6/36	72.0mg	16/37					
d	1820m	42.9mg	n.s.s.	10/36	72.0mg	16/37					
e	1820m	60.9mg	n.s.s.	7/36	72.0mg	11/37					
f	1820m	77.2mg	n.s.s.	3/36	72.0mg	7/37					
3608	1867	2.34mg	11.3mg	0/20	20.0mg	12/19		Kato;carc,9,71-73;1988/pers.comm.			
a	1867	3.00mg	16.4mg	0/20	20.0mg	10/19					
b	1867	3.00mg	16.4mg	0/20	20.0mg	10/19					
c	1867	14.2mg	n.s.s.	0/20	20.0mg	1/19					
3609	1867	n.s.s.	2.01mg	0/19	16.0mg	20/20					
a	1867	.518mg	2.88mg	0/19	16.0mg	19/20					
b	1867	1.39mg	6.00mg	0/19	16.0mg	15/20					
c	1867	1.82mg	8.30mg	0/19	16.0mg	13/20					
d	1867	3.75mg	34.5mg	0/19	16.0mg	7/20					
e	1867	4.95mg	197.mg	0/19	16.0mg	5/20					
f	1867	8.79mg	n.s.s.	0/19	16.0mg	2/20					
g	1867	12.0mg	n.s.s.	0/19	16.0mg	1/20					
h	1867	12.0mg	n.s.s.	0/19	16.0mg	1/20					
i	1867	12.0mg	n.s.s.	0/19	16.0mg	1/20					
3610	2093	.827mg	1.93mg	0/15	4.00mg	5/30	8.00mg	26/29	16.0mg	16/16	Kushida;clet,83,31-35;1994
a	2093	1.82mg	5.01mg	0/15	4.00mg	0/30	8.00mg	13/29	16.0mg	15/16	
b	2093	1.80mg	7.67mg	0/15	4.00mg	5/30	8.00mg	13/29	16.0mg	1/16)	
c	2093	2.84mg	9.53mg	0/15	4.00mg	1/30	8.00mg	5/29	16.0mg	13/16	
d	2093	4.41mg	20.5mg	0/15	4.00mg	0/30	8.00mg	3/29	16.0mg	9/16	
e	2093	5.66mg	39.2mg	0/15	4.00mg	0/30	8.00mg	3/29	16.0mg	6/16	
f	2093	10.0mg	n.s.s.	0/15	4.00mg	1/30	8.00mg	1/29	16.0mg	2/16	
g	2093	11.8mg	n.s.s.	0/15	4.00mg	0/30	8.00mg	1/29	16.0mg	2/16	
h	2093	11.8mg	n.s.s.	0/15	4.00mg	0/30	8.00mg	1/29	16.0mg	2/16	
i	2093	14.5mg	n.s.s.	0/15	4.00mg	0/30	8.00mg	0/29	16.0mg	2/16	
j	2093	14.6mg	n.s.s.	0/15	4.00mg	0/30	8.00mg	1/29	16.0mg	1/16	
k	2093	14.6mg	n.s.s.	0/15	4.00mg	0/30	8.00mg	1/29	16.0mg	1/16	
MELAMINE 108-78-1											
3611	TR245	804.mg	n.s.s.	28/50	287.mg	33/50	574.mg	26/50			
a	TR245	2.61gm	n.s.s.	4/50	287.mg	6/50	574.mg	2/50			liv:hpa,hpc,nnd.
b	TR245	3.53gm	n.s.s.	5/50	287.mg	1/50	574.mg	3/50			lun:a/a,a/c.
3612	TR245	525.mg	n.s.s.	23/50	265.mg	22/50	530.mg	20/50			
a	TR245	820.mg	n.s.s.	12/50	265.mg	8/50	530.mg	12/50			liv:hpa,hpc,nnd.
b	TR245	2.37gm	n.s.s.	5/50	265.mg	4/50	530.mg	1/50			lun:a/a,a/c.
3613	TR245	937.mg	n.s.s.	0/50	221.mg	2/50	441.mg	3/50			thy:cca,ccr. S
a	TR245	1.26gm	n.s.s.	0/50	221.mg	0/50	441.mg	3/50			S
b	TR245	273.mg	n.s.s.	42/50	221.mg	43/50	441.mg	37/50			
c	TR245	1.33gm	n.s.s.	0/50	221.mg	2/50	441.mg	1/50			liv:hpa,hpc,nnd.
3614	TR245	308.mg	2.04gm	0/50	88.3mg	0/50	177.mg	9/50			ubl:tcc,tpp. S
a	TR245	322.mg	2.51gm	0/50	88.3mg	0/50	177.mg	8/50			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	TR245	65.3mg	n.s.s.	30/50	88.3mg	36/50	177.mg	38/50			
c	TR245	n.s.s.	n.s.s.	0/50	88.3mg	1/50	177.mg	0/50			liv:hpa,hpc,nnd.
MELOXICAM 71125-38-7											
3615	2537	.113mg	n.s.s.	0/16	.200mg	0/20	.400mg	0/18	.800mg	0/19	Yabe;phrm,53,29-49;1997/pers.comm.
3616	2537	.110mg	n.s.s.	0/18	.200mg	0/18	.400mg	0/20	.800mg	0/19	
MELPHALAN (L-sarcolysin) 148-82-3											
3617	1336m	61.7ug	4.11mg	20/154	.106mg	6/15	.212mg	3/8			Skipper;srfr;1976/Weisburger;canc;1977/Prejean pers.comm.
a	1336m	.152mg	10.1mg	0/154	.106mg	1/15	.212mg	1/8			
b	1336m	.154mg	n.s.s.	3/154	.106mg	0/15	.212mg	2/8			
c	1336m	.204mg	n.s.s.	0/154	.106mg	0/15	.212mg	1/8			
d	1336m	97.5ug	n.s.s.	1/154	.106mg	0/15	.212mg	0/8			
e	1336m	23.3ug	.167mg	42/154	.106mg	10/15	.212mg	7/8			
f	1336m	43.4ug	.617mg	29/154	.106mg	7/15	.212mg	5/8			
g	1336m	.100mg	n.s.s.	13/154	.106mg	3/15	.212mg	2/8			
3618	1336m	54.6ug	1.57mg	9/101	.108mg	9/28					
a	1336m	94.4ug	n.s.s.	2/101	.108mg	4/28					
b	1336m	.341mg	n.s.s.	2/101	.108mg	0/28					
c	1336m	36.2ug	n.s.s.	28/101	.108mg	15/28					
d	1336m	44.9ug	n.s.s.	19/101	.108mg	12/28					
e	1336m	.140mg	n.s.s.	9/101	.108mg	3/28					
3619	2003	24.1ug	n.s.s.	0/12	63.0ug	2/7					Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.
a	2003	50.8ug	n.s.s.	0/33	63.0ug	2/12					
b	2003	20.5ug	n.s.s.	1/15	63.0ug	3/10					
c	2003	27.6ug	n.s.s.	0/11	63.0ug	1/5					
d	2003	30.1ug	n.s.s.	1/15	63.0ug	2/10					
e	2003	39.9ug	n.s.s.	0/12	63.0ug	1/7					
f	2003	58.3ug	n.s.s.	0/13	63.0ug	1/10					
g	2003	58.3ug	n.s.s.	0/13	63.0ug	1/10					
h	2003	58.3ug	n.s.s.	0/13	63.0ug	1/10					
i	2003	15.7ug	.389mg	2/33	63.0ug	8/12					
j	2003	23.2ug	n.s.s.	1/33	63.0ug	5/12					
k	2003	30.3ug	n.s.s.	2/20	63.0ug	3/10					
3620	2003	4.56ug	n.s.s.	1/29	64.0ug	2/5					
a	2003	47.2ug	n.s.s.	0/31	64.0ug	1/8					
b	2003	15.1ug	n.s.s.	6/108	64.0ug	3/8					
3621	1336n	63.2ug	.371mg	0/182	.129mg	8/16	.304mg	1/6			Skipper;srfr;1976/Weisburger;canc;1977/Prejean pers.comm.
a	1336n	.234mg	n.s.s.	0/182	.129mg	0/16	.304mg	1/6			
b	1336n	.234mg	n.s.s.	0/182	.129mg	0/16	.304mg	1/6			
c	1336n	.236mg	n.s.s.	1/182	.129mg	0/16	.304mg	1/6			
d	1336n	.112mg	n.s.s.	0/182	.129mg	0/16	.304mg	0/6			
e	1336n	35.2ug	.310mg	44/182	.129mg	13/16	.304mg	3/6			
f	1336n	33.1ug	n.s.s.	103/182	.129mg	14/16	.304mg	4/6			
g	1336n	.319mg	n.s.s.	59/182	.129mg	1/16	.304mg	1/6			
3622	1336n	32.0ug	.212mg	0/177	.149mg	8/18					
a	1336n	88.1ug	4.84mg	0/177	.149mg	2/18					
b	1336n	.229mg	n.s.s.	0/177	.149mg	0/18					
c	1336n	9.76ug	77.1ug	59/177	.149mg	16/18					
d	1336n	20.7ug	.171mg	32/177	.149mg	12/18					
e	1336n	74.1ug	n.s.s.	27/177	.149mg	4/18					
DL-MENTHOL 15356-70-4											
3623	TR98	723.mg	n.s.s.	30/50	257.mg	20/50	515.mg	24/50			
a	TR98	1.54gm	n.s.s.	1/50	257.mg	3/50	515.mg	3/50			liv:hpa,hpc,nnd.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR98	1.22gm	n.s.s.	1/50	257.mg	3/50	515.mg	5/50		lun:a/a,a/c.
3624	TR98	357.mg	n.s.s.	29/50	238.mg	28/50	475.mg	33/50		
a	TR98	601.mg	n.s.s.	8/50	238.mg	8/50	475.mg	14/50		liv:hpa,hpc,nnd.
b	TR98	1.10gm	n.s.s.	6/50	238.mg	7/50	475.mg	6/50		lun:a/a,a/c.
3625	TR98	462.mg	n.s.s.	41/50	184.mg	36/50	368.mg	32/50		
a	TR98	2.11gm	n.s.s.	1/50	184.mg	1/50	368.mg	1/50		liv:hpa,hpc,nnd.
3626	TR98	200.mg	n.s.s.	32/50	147.mg	41/50	294.mg	37/50		
a	TR98	932.mg	n.s.s.	1/50	147.mg	3/50	294.mg	2/50		liv:hpa,hpc,nnd.
MER-25 67-98-1										
3627	481	13.9mg	n.s.s.	0/9	12.2mg	0/22				Shay;mpoc,305-318;1962
2-MERCAPTOBENZOTHIAZOLE (captax, rotax) 149-30-4										
3628	TR332	629.mg	n.s.s.	4/50	265.mg	12/50	531.mg	4/50		liv:hpa,hpc.
a	TR332	697.mg	n.s.s.	38/50	265.mg	33/50	531.mg	15/50		
b	TR332	629.mg	n.s.s.	4/50	265.mg	12/50	531.mg	4/50		liv:hpa,hpc,nnd.
c	TR332	2.14gm	n.s.s.	3/50	265.mg	1/50	531.mg	2/50		lun:a/a,a/c.
3629	1302	46.1mg	n.s.s.	0/16	44.3mg	1/18				Innes;ntis,1968/1969
a	1302	87.7mg	n.s.s.	0/16	44.3mg	0/18				
b	1302	46.1mg	n.s.s.	0/16	44.3mg	1/18				
3630	TR332	359.mg	n.s.s.	31/50	265.mg	39/50	531.mg	25/50		
a	TR332	557.mg	n.s.s.	16/50	265.mg	21/50	531.mg	14/50		liv:hpa,hpc,nnd.
b	TR332	1.06gm	n.s.s.	7/50	265.mg	9/50	531.mg	5/50		lun:a/a,a/c.
3631	1302	19.3mg	n.s.s.	0/16	41.2mg	4/17				Innes;ntis,1968/1969
a	1302	29.5mg	n.s.s.	0/16	41.2mg	2/17				
b	1302	7.99mg	44.6mg	0/16	41.2mg	10/17				
3632	1302	49.3mg	n.s.s.	1/17	44.3mg	1/17				
a	1302	82.8mg	n.s.s.	0/17	44.3mg	0/17				
b	1302	54.8mg	n.s.s.	2/17	44.3mg	1/17				
3633	1302	38.5mg	n.s.s.	2/18	41.2mg	2/18				
a	1302	48.7mg	n.s.s.	1/18	41.2mg	1/18				
b	1302	21.0mg	n.s.s.	3/18	41.2mg	5/18				
3634	TR332	112.mg	n.s.s.	16/50	133.mg	28/50	265.mg	29/50		amd:phe; pta:adn. P
a	TR332	140.mg	n.s.s.	15/50	133.mg	24/50	265.mg	25/50		
b	TR332	347.mg	n.s.s.	1/50	133.mg	5/50	265.mg	6/50		
c	TR332	116.mg	n.s.s.	37/50	133.mg	46/50	265.mg	40/50		
d	TR332	3.30gm	n.s.s.	1/50	133.mg	0/50	265.mg	0/50		liv:hpa,hpc,nnd.
3635	TR332	82.2mg	543.mg	24/50	265.mg	38/50	(531.mg)	31/50		amd:phe,phm; mul:mnl; pan:ana; pre:adn,can. P
a	TR332	121.mg	2.27gm	48/50	265.mg	48/50	531.mg	48/50		S
b	TR332	146.mg	13.6gm	14/50	265.mg	21/50	(531.mg)	12/50		S
c	TR332	167.mg	1.10gm	2/50	265.mg	13/50	(531.mg)	6/50		
d	TR332	203.mg	2.31gm	18/50	265.mg	27/50	531.mg	24/50		amd:phe,phm.
e	TR332	183.mg	2.99gm	7/50	265.mg	16/50	(531.mg)	3/50		
f	TR332	749.mg	10.5gm	0/50	265.mg	4/50	531.mg	4/50		S
g	TR332	684.mg	n.s.s.	1/50	265.mg	6/50	531.mg	5/50		pre:adn,can.
h	TR332	686.mg	n.s.s.	3/50	265.mg	6/50	531.mg	7/50		sub:fbs, fib,nfm,srn. S
i	TR332	744.mg	n.s.s.	2/50	265.mg	4/50	531.mg	6/50		sub: fib,nfm. S
j	TR332	822.mg	n.s.s.	2/50	265.mg	3/50	531.mg	6/50		S
k	TR332	1.14gm	n.s.s.	0/50	265.mg	2/50	531.mg	3/50		mul:msm; tna:men. S
l	TR332	69.9mg	617.mg	37/50	265.mg	47/50	(531.mg)	41/50		
m	TR332	1.94gm	n.s.s.	3/50	265.mg	2/50	531.mg	1/50		liv:hpa,hpc,nnd.
2-MERCAPTOBENZOTHIAZOLE, ZINC (zetax) 155-04-4										
3636	1300	515.mg	n.s.s.	1/17	462.mg	1/17				Innes;ntis,1968/1969
a	1300	864.mg	n.s.s.	0/17	462.mg	0/17				
b	1300	572.mg	n.s.s.	2/17	462.mg	1/17				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
3637	1300	564.mg	n.s.s.	2/18	430.mg	1/18				
a	1300	851.mg	n.s.s.	1/18	430.mg	0/18				
b	1300	603.mg	n.s.s.	3/18	430.mg	1/18				
3638	1300	864.mg	n.s.s.	0/16	462.mg	0/17				
a	1300	864.mg	n.s.s.	0/16	462.mg	0/17				
b	1300	454.mg	n.s.s.	0/16	462.mg	1/17				
3639	1300	157.mg	2.37gm	0/16	430.mg	6/18				
a	1300	448.mg	n.s.s.	0/16	430.mg	1/18				
b	1300	136.mg	1.30gm	0/16	430.mg	7/18				
2-MERCAPTOETHANESULFONATE, SODIUM 19767-45-4										
3640	1637	717.mg	n.s.s.	0/40	87.0mg	0/40			Tacchi ;clet,22,89-94;1984	
a	1637	717.mg	n.s.s.	0/40	87.0mg	0/40				
b	1637	717.mg	n.s.s.	0/40	87.0mg	0/40				
6-MERCAPTOPURINE 50-44-2										
3641	1017	2.51mg	n.s.s.	7/65	1.18mg	3/25			Schmahl ;arzn,20,1461-1467;1970	
3642	1980	9.17mg	n.s.s.	0/50	1.15mg	2/50	2.30mg	4/50	Maekawa ;zkk0,116,245-250;1990/pers.comm.	
a	1980	11.8mg	n.s.s.	0/50	1.15mg	1/50	2.30mg	3/50		
b	1980	11.8mg	n.s.s.	0/50	1.15mg	1/50	2.30mg	3/50		
c	1980	22.6mg	n.s.s.	0/50	1.15mg	0/50	2.30mg	1/50		
d	1980	9.33mg	n.s.s.	1/50	1.15mg	0/50	2.30mg	0/50		
e	1980	1.27mg	n.s.s.	39/50	1.15mg	38/50	2.30mg	43/50		
f	1980	3.31mg	n.s.s.	14/50	1.15mg	17/50	2.30mg	20/50		
3643	1980	20.6mg	n.s.s.	3/50	.920mg	1/50	1.84mg	1/50		
a	1980	.616mg	n.s.s.	50/50	.920mg	50/50	1.84mg	48/50		
b	1980	4.44mg	n.s.s.	20/50	.920mg	17/50	1.84mg	18/50		
MERCURIC CHLORIDE 7487-94-7										
3644	TR408	2.18mg	n.s.s.	23/50	3.53mg	32/50	(7.07mg	19/50)		
a	TR408	33.4mg	n.s.s.	3/50	3.53mg	1/50	7.07mg	2/50	liv:hpa,hpc,nnd.	
b	TR408	12.4mg	n.s.s.	3/50	3.53mg	8/50	7.07mg	5/50	lun:a/a,a/c.	
3645	TR408	24.7mg	n.s.s.	0/50	3.53mg	0/50	7.07mg	3/50	kid:rua,uac.	
a	TR408	30.7mg	n.s.s.	0/50	3.53mg	0/50	7.07mg	2/50		
b	TR408	39.0mg	n.s.s.	0/50	3.53mg	0/50	7.07mg	1/50		
c	TR408	12.2mg	n.s.s.	28/50	3.53mg	20/50	7.07mg	17/50		
d	TR408	18.5mg	n.s.s.	7/50	3.53mg	4/50	7.07mg	6/50	liv:hpa,hpc,nnd.	
e	TR408	18.4mg	n.s.s.	10/50	3.53mg	8/50	7.07mg	6/50	lun:a/a,a/c.	
3646	1395	1.55mg	105.mg	3/47	1.00mg	11/41			Schroeder ;jnut,105,452-458;1975	
a	1395	3.36mg	n.s.s.	9/47	1.00mg	7/41				
b	1395	.973mg	n.s.s.	14/47	1.00mg	21/41				
c	1395	1.95mg	n.s.s.	4/47	1.00mg	9/41				
3647	1395	2.25mg	n.s.s.	5/38	.833mg	9/48				
a	1395	1.09mg	n.s.s.	11/38	.833mg	21/48				
b	1395	7.43mg	n.s.s.	2/38	.833mg	1/48				
3648	TR408	12.7mg	n.s.s.	0/50	1.76mg	0/50	3.51mg	2/50		
a	TR408	2.12mg	n.s.s.	46/50	1.76mg	42/50	3.51mg	39/50		
b	TR408	17.2mg	n.s.s.	0/50	1.76mg	1/50	3.51mg	0/50	liv:hpa,hpc,nnd.	
3649	TR408	.437mg	2.88mg	45/50	1.75mg	37/50	3.51mg	39/50	tes:iab,ica. S	
a	TR408	.770mg	6.42mg	21/50	1.75mg	18/50	3.51mg	23/50	amd:pbb,pob. S	
b	TR408	.767mg	8.98mg	24/50	1.75mg	18/50	3.51mg	23/50	amd:pbb,phc,phm,pmb,pob. S	
c	TR408	1.48mg	7.20mg	0/50	1.75mg	3/50	3.51mg	12/50		
d	TR408	2.14mg	68.4mg	2/50	1.75mg	6/50	3.51mg	6/50		
e	TR408	2.71mg	71.8mg	1/50	1.75mg	2/50	3.51mg	6/50	thy:fca,fcc.	
f	TR408	1.65mg	n.s.s.	1/50	1.75mg	4/50	(3.51mg	0/50)		
g	TR408	.521mg	4.77mg	45/50	1.75mg	34/50	3.51mg	39/50		

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code		
METEPA 57-39-6													
3675	179	1.35mg	n.s.s.	0/20	.625mg	0/20	2.50mg	3/20			Gaines;bwho,34,317-320;1966		
METHACRYLONITRILE 126-98-7													
3676	TR497	5.04mg	n.s.s.	34/50	1.07mg	28/50	2.14mg	29/50	4.29mg	21/50			
a	TR497	7.46mg	n.s.s.	10/50	1.07mg	11/50	2.14mg	14/50	4.29mg	6/50	liv:hpa,hpb,hpc.		
b	TR497	12.9mg	n.s.s.	6/50	1.07mg	3/50	2.14mg	2/50	4.29mg	5/50	lun:a/a,a/c.		
3677	TR497	3.55mg	n.s.s.	40/50	1.07mg	41/50	2.14mg	39/50	4.29mg	24/50			
a	TR497	4.50mg	n.s.s.	24/50	1.07mg	29/50	2.14mg	28/50	4.29mg	15/50	liv:hpa,hpb,hpc.		
b	TR497	6.93mg	n.s.s.	6/50	1.07mg	13/50	2.14mg	9/50	4.29mg	5/50	lun:a/a,a/c.		
3678	TR497	14.1mg	n.s.s.	45/50	2.14mg	45/50	7.14mg	42/50	21.4mg	46/50			
a	TR497	285.mg	n.s.s.	1/50	2.14mg	0/50	7.14mg	0/50	21.4mg	0/50	liv:hpa,hpb,hpc.		
3679	TR497	70.2mg	n.s.s.	0/50	2.14mg	0/50	7.14mg	1/50	21.4mg	3/50	sub:fbs,fi,h,sar. S		
a	TR497	18.9mg	n.s.s.	43/50	2.14mg	48/50	7.14mg	42/50	21.4mg	42/50			
b	TR497	174.mg	n.s.s.	1/50	2.14mg	2/50	7.14mg	0/50	21.4mg	0/50	liv:hpa,hpb,hpc.		
METHAFURYLENE 531-06-6													
3680	1790	80.6mg	n.s.s.	1/21	29.5mg	2/20					Lijinsky;zkko,112,57-60;1986		
a	1790	77.7mg	n.s.s.	6/21	29.5mg	4/20							
3681	1790	88.0mg	n.s.s.	4/19	23.4mg	1/20							
METHAPHENILENE 493-78-7													
3682	1790	70.3mg	n.s.s.	1/21	25.7mg	2/20					Lijinsky;zkko,112,57-60;1986		
a	1790	83.9mg	n.s.s.	6/21	25.7mg	3/20							
3683	1790	66.5mg	n.s.s.	4/19	18.0mg	2/20							
a	1790	77.5mg	n.s.s.	2/19	18.0mg	1/20							
METHAPYRILENE.HCl (base CAS# is 91-80-5) 135-23-9													
3684	1572	24.4mg	n.s.s.	0/12	32.6mg	1/20					Lijinsky;jtxe,12,653-657;1983		
a	1572	23.8mg	n.s.s.	2/12	32.6mg	2/20							
3685	1644	4.54mg	15.6mg	3/20	5.17mg	12/30	10.3mg	20/20			Lijinsky;fctx,22,27-30;1984		
a	1644	6.62mg	35.1mg	3/20	5.17mg	12/30	10.3mg	15/20					
b	1644	25.1mg	363.mg	0/20	5.17mg	0/30	10.3mg	6/20					
3686	1618	n.s.s.	18.7mg	0/5	40.0mg	5/5					Ohshima;jnci,72,759-768;1984		
a	1618	n.s.s.	18.7mg	0/5	40.0mg	5/5							
b	1618	4.11mg	n.s.s.	0/5	40.0mg	3/5							
c	1618	6.29mg	n.s.s.	0/5	40.0mg	2/5							
d	1618	6.29mg	n.s.s.	0/5	40.0mg	2/5							
3687	1644	4.27mg	22.2mg	5/20	4.14mg	13/30	8.27mg	18/20			Lijinsky;fctx,22,27-30;1984		
a	1644	5.69mg	68.0mg	5/20	4.14mg	12/30	8.27mg	15/20					
b	1644	26.6mg	n.s.s.	0/20	4.14mg	1/30	8.27mg	3/20					
c	1644	65.1mg	n.s.s.	0/20	5.17mg	0/30	10.3mg	1/20					
METHIDATHION 950-37-8													
3688	2130	45.1mg	n.s.s.	2/50	.390mg	3/50	1.30mg	2/50	6.50mg	2/50	13.0mg	5/50	Quest;rtxp,12,117-126;1990
a	2130	48.8mg	n.s.s.	5/50	.390mg	10/50	1.30mg	5/50	6.50mg	2/50	13.0mg	8/50	
b	2130	97.6mg	n.s.s.	3/50	.390mg	9/50	1.30mg	3/50	6.50mg	1/50	13.0mg	3/50	
3689	2130	3.92mg	10.6mg	9/46	.360mg	15/45	1.20mg	11/47	6.00mg	21/43	12.0mg	38/45	
a	2130	9.67mg	43.9mg	1/46	.360mg	9/45	1.20mg	7/47	6.00mg	8/43	12.0mg	21/45	
b	2130	11.4mg	83.6mg	8/46	.360mg	6/45	1.20mg	4/47	6.00mg	13/43	12.0mg	17/45	
METHIMAZOLE 60-56-0													
3690	180	.834mg	3.46mg	0/50	.250mg	0/25	1.50mg	14/25	(9.00mg	12/25)			Owen;fctx,11,649-653;1973
a	180	2.86mg	150.mg	0/50	.250mg	0/25	1.50mg	3/25	(9.00mg	2/25)			
3691	180	.500mg	1.85mg	1/50	.200mg	1/25	1.20mg	17/25	(7.20mg	5/25)			
a	180	11.5mg	n.s.s.	1/50	.200mg	0/25	1.20mg	2/25	7.20mg	3/25			

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
DL-METHIONINE 59-51-8											
3692	1992	1.10gm	n.s.s.	0/30	1.80gm	2/30				Fullerton;carc,11,1301-1305;1990	
a	1992	625.mg	n.s.s.	2/30	1.80gm	6/30					
b	1992	854.mg	n.s.s.	2/30	1.80gm	4/30					
c	1992	1.86gm	n.s.s.	2/30	1.80gm	1/30					
3693	1803	1.15gm	n.s.s.	2/28	419.mg	2/28				Shivapurkar;carc,7,547-550;1986	
METHOTREXATE 59-05-2											
3694	1324	8.32mg	n.s.s.	0/49	.261mg	0/42	.523mg	0/42	1.05mg	1/39	Rustia;txap,26,329-338;1973
a	1324	9.14mg	n.s.s.	1/49	.261mg	0/42	.523mg	0/42	1.05mg	1/39	
b	1324	1.30mg	n.s.s.	0/49	.261mg	0/42	.523mg	0/42	1.05mg	0/39	
c	1324	6.01mg	n.s.s.	7/49	.261mg	4/42	.523mg	2/42	1.05mg	3/39	
3695	1324	1.38mg	n.s.s.	0/49	.230mg	0/42	.460mg	0/42	.920mg	0/40	
a	1324	1.38mg	n.s.s.	0/49	.230mg	0/42	.460mg	0/42	.920mg	0/40	
b	1324	12.8mg	n.s.s.	8/49	.230mg	1/42	.460mg	0/42	.920mg	1/40	
3696	1324	10.6mg	n.s.s.	0/70	.195mg	0/36	.325mg	0/36	.520mg	1/42	.650mg 0/48
a	1324	3.57mg	n.s.s.	14/70	.195mg	8/36	.325mg	8/36	.520mg	6/42	.650mg 8/48
b	1324	1.35mg	n.s.s.	34/70	.195mg	21/36	.325mg	13/36	.520mg	19/42	.650mg 26/48
3697	1324	3.20mg	n.s.s.	6/70	.180mg	2/36	.300mg	6/36	.480mg	1/42	(.600mg 0/48)
a	1324	3.45mg	n.s.s.	13/70	.180mg	6/36	.300mg	3/36	.480mg	9/42	.600mg 6/48
b	1324	1.99mg	n.s.s.	29/70	.180mg	15/36	.300mg	17/36	.480mg	18/42	.600mg 15/48
3698	1017	.111mg	n.s.s.	3/65	71.4ug	4/26					Schmahl;arzn,20,1461-1467;1970
a	1017	90.2ug	n.s.s.	7/65	71.4ug	6/26					
b	1017	.181mg	n.s.s.	4/65	71.4ug	2/26					
3699	1134	.406mg	n.s.s.	3/33	89.3ug	1/31					Schmahl;zkko,86,77-84;1976
3700	1134	.552mg	n.s.s.	1/36	89.3ug	0/30					
a	1134	.552mg	n.s.s.	1/36	89.3ug	0/30					
2-METHOXY-4-AMINOAZOBENZENE 80830-39-3											
3701	1500	90.9mg	n.s.s.	0/13	117.mg	0/13					Watanabe;gann,73,136-140;1982
3702	1500	83.9mg	n.s.s.	0/13	108.mg	0/13					
3-METHOXY-4-AMINOAZOBENZENE 3544-23-8											
3703	1500	25.8mg	388.mg	0/13	78.0mg	1/13	117.mg	6/13			Watanabe;gann,73,136-140;1982
3704	1500	27.7mg	n.s.s.	0/13	72.0mg	0/10	108.mg	0/12			
2-METHOXY-3-AMINODIBENZOFURAN 5834-17-3											
3705	183n	10.2mg	115.mg	0/12	50.0mg	6/12					Radomski;jnci,39,1069-1080;1967
a	183n	15.0mg	n.s.s.	0/12	50.0mg	4/12					
b	183n	15.0mg	n.s.s.	0/12	50.0mg	4/12					
c	183n	33.3mg	n.s.s.	0/12	50.0mg	1/12					
d	183n	64.3mg	n.s.s.	0/12	50.0mg	0/12					
e	183n	12.3mg	265.mg	0/12	50.0mg	5/12					
3706	183n	9.84mg	212.mg	0/12	40.0mg	5/12					
a	183n	19.2mg	n.s.s.	0/12	40.0mg	2/12					
b	183n	19.2mg	n.s.s.	0/12	40.0mg	2/12					
c	183n	51.4mg	n.s.s.	0/12	40.0mg	0/12					
d	183n	19.2mg	n.s.s.	0/12	40.0mg	2/12					
3707	183m	15.0mg	n.s.s.	0/12	50.0mg	4/12					
a	183m	18.6mg	n.s.s.	0/12	50.0mg	3/12					
b	183m	18.6mg	n.s.s.	0/12	50.0mg	3/12					
c	183m	33.3mg	n.s.s.	0/12	50.0mg	1/12					
d	183m	64.3mg	n.s.s.	0/12	50.0mg	0/12					
e	183m	10.2mg	115.mg	0/12	50.0mg	6/12					
3708	183m	26.6mg	n.s.s.	0/12	40.0mg	1/12					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code		
a	183m	26.6mg	n.s.s.	0/12	40.0mg	1/12							
b	183m	51.4mg	n.s.s.	0/12	40.0mg	0/12							
c	183m	19.2mg	n.s.s.	0/12	40.0mg	2/12							
3709	183n	15.0mg	n.s.s.	0/12	50.0mg	4/12							
a	183n	23.9mg	n.s.s.	0/12	50.0mg	2/12							
b	183n	23.9mg	n.s.s.	0/12	50.0mg	2/12							
c	183n	33.3mg	n.s.s.	0/12	50.0mg	1/12							
d	183n	15.0mg	n.s.s.	0/12	50.0mg	4/12							
3710	183n	12.0mg	n.s.s.	0/12	40.0mg	4/12							
a	183n	19.2mg	n.s.s.	0/12	40.0mg	2/12							
b	183n	19.2mg	n.s.s.	0/12	40.0mg	2/12							
c	183n	26.6mg	n.s.s.	0/12	40.0mg	1/12							
d	183n	51.4mg	n.s.s.	0/12	40.0mg	0/12							
e	183n	9.84mg	212.mg	0/12	40.0mg	5/12							
3711	1420	n.s.s.	17.9mg	0/7	34.3mg	6/6				Hackmann; zkk0, 61, 45-54; 1956			
a	1420	n.s.s.	17.9mg	0/7	34.3mg	6/6							
b	1420	13.0mg	n.s.s.	0/9	34.3mg	2/8							
3-METHOXYCATECHOL 934-00-9													
3712	2162	18.9mg	124.mg	0/15	800.mg	14/15					Kawabe; gann, 85, 17-25; 1994		
a	2162	146.mg	n.s.s.	0/15	800.mg	4/15							
b	2162	595.mg	n.s.s.	0/15	800.mg	0/15							
c	2162	595.mg	n.s.s.	0/15	800.mg	0/15							
METHOXYCHLOR 72-43-5													
3713	TR35	828.mg	n.s.s.	3/20	109.mg	6/50	217.mg	3/50					
a	TR35	1.41gm	n.s.s.	0/20	109.mg	1/50	217.mg	0/50			liv:hpa,hpc,nnd.		
b	TR35	n.s.s.	n.s.s.	0/20	109.mg	0/50	217.mg	0/50			lun:a/a,a/c.		
3714	TR35	466.mg	n.s.s.	3/20	178.mg	5/50	352.mg	9/50					
a	TR35	664.mg	n.s.s.	3/20	178.mg	3/50	352.mg	6/50			liv:hpa,hpc,nnd.		
b	TR35	n.s.s.	n.s.s.	0/20	178.mg	0/50	352.mg	0/50			lun:a/a,a/c.		
3715	TR35	63.8mg	n.s.s.	12/20	26.4mg	30/50	48.2mg	30/50					
a	TR35	329.mg	n.s.s.	1/20	26.4mg	1/50	48.2mg	2/50			liv:hpa,hpc,nnd.		
3716	21	391.mg	n.s.s.	0/30	50.0mg	0/30					Deichmann; txap, 11, 88-103; 1967		
a	21	181.mg	n.s.s.	13/30	50.0mg	6/30							
3717	84a	24.7mg	n.s.s.	1/30	4.00mg	0/30					Radomski; txap, 7, 652-656; 1965		
a	84a	7.36mg	n.s.s.	6/30	4.00mg	6/30							
b	84a	8.82mg	n.s.s.	6/30	4.00mg	5/30							
3718	TR35	44.6mg	n.s.s.	11/20	12.6mg	23/50	23.8mg	21/50					
a	TR35	145.mg	n.s.s.	0/20	12.6mg	2/50	23.8mg	0/50			liv:hpa,hpc,nnd.		
3719	21	313.mg	n.s.s.	0/30	40.0mg	0/30					Deichmann; txap, 11, 88-103; 1967		
a	21	76.3mg	n.s.s.	1/30	40.0mg	5/30							
3720	84a	19.8mg	n.s.s.	0/30	3.20mg	0/30					Radomski; txap, 7, 652-656; 1965		
a	84a	7.81mg	n.s.s.	0/30	3.20mg	2/30							
b	84a	19.8mg	n.s.s.	3/30	3.20mg	0/30							
4-METHOXYPHENOL 150-76-5													
3721	2202	1.11gm	10.3gm	0/30	1.00gm	7/30					Asakawa; ijcn, 56, 146-152; 1994		
a	2202	1.25gm	17.6gm	0/30	1.00gm	6/30							
b	2202	3.73gm	n.s.s.	1/30	1.00gm	1/30							
c	2202	6.18gm	n.s.s.	0/30	1.00gm	0/30							
3722	1950	238.mg	n.s.s.	0/10	588.mg	1/15					Hirose; canr, 48, 5310-5315; 1988/pers.comm.		
a	1950	455.mg	n.s.s.	0/10	588.mg	0/15							
3723	1990	29.6mg	n.s.s.	0/10	98.1mg	0/11	196.mg	0/11	392.mg	0/11	785.mg	0/11	Wada; carc, 11, 1891-1894; 1990
a	1990	29.6mg	n.s.s.	0/10	98.1mg	0/11	196.mg	0/11	392.mg	0/11	785.mg	0/11	
3724	2202	217.mg	707.mg	0/30	800.mg	23/30						Asakawa; ijcn, 56, 146-152; 1994	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	2202	437.mg	2.07gm	1/30	800.mg	15/30					
b	2202	2.63gm	n.s.s.	0/30	800.mg	1/30					
c	2202	2.99gm	n.s.s.	1/30	800.mg	1/30					
METHOXYPHENYLACETIC ACID 1701-77-5											
3725	1312	51.4mg	n.s.s.	1/17	78.4mg	3/18				Innes;ntis,1968/1969	
a	1312	155.mg	n.s.s.	0/17	78.4mg	0/18					
b	1312	45.2mg	n.s.s.	2/17	78.4mg	4/18					
3726	1312	35.9mg	n.s.s.	2/18	73.0mg	4/16					
a	1312	n.s.s.	n.s.s.	1/18	73.0mg	1/16					
b	1312	31.5mg	n.s.s.	3/18	73.0mg	5/16					
3727	1312	59.8mg	n.s.s.	0/16	78.4mg	2/18					
a	1312	155.mg	n.s.s.	0/16	78.4mg	0/18					
b	1312	47.5mg	n.s.s.	0/16	78.4mg	3/18					
3728	1312	30.9mg	1.80gm	0/16	73.0mg	5/18					
a	1312	55.7mg	n.s.s.	0/16	73.0mg	2/18					
b	1312	145.mg	n.s.s.	0/16	73.0mg	0/18					
c	1312	23.1mg	221.mg	0/16	73.0mg	7/18					
8-METHOXYPSORALEN (8-MOP) 298-81-7											
3729	2032	14.8mg	n.s.s.	0/36	.836mg	0/36	1.95mg	2/36	7.43mg	1/36	Dunnick;faat,16,92-102;1991/pers.comm.
a	2032	10.8mg	n.s.s.	1/36	.836mg	2/36	1.95mg	3/36	7.43mg	3/36	
b	2032	15.4mg	n.s.s.	1/36	.836mg	2/36	1.95mg	1/36	7.43mg	2/36	
3730	2032	15.9mg	n.s.s.	0/36	.836mg	1/36	1.95mg	1/36	7.43mg	1/36	
a	2032	31.2mg	n.s.s.	0/36	.836mg	1/36	1.95mg	0/36	7.43mg	0/36	
b	2032	2.38mg	n.s.s.	1/36	.836mg	0/36	1.95mg	0/36	7.43mg	0/36	
c	2032	20.9mg	n.s.s.	1/36	.836mg	2/36	1.95mg	1/36	7.43mg	1/36	
3731	TR359	108.mg	n.s.s.	0/50	26.3mg	1/50	52.8mg	3/50			pal:sqp; ton:sqp. S
a	TR359	17.5mg	n.s.s.	46/50	26.3mg	43/50	52.8mg	37/50			liv:hpa,hpc,nnd.
b	TR359	240.mg	n.s.s.	1/50	26.3mg	0/50	52.8mg	1/50			S
3732	TR359	8.08mg	43.1mg	38/50	26.3mg	44/50	52.8mg	43/50			kid:tla,uac; zym:can,svc. C
a	TR359	15.5mg	59.4mg	2/50	26.3mg	16/50	52.8mg	14/50			kid:tla,uac.
b	TR359	17.6mg	73.7mg	1/50	26.3mg	12/50	52.8mg	11/50			
c	TR359	22.2mg	120.mg	1/50	26.3mg	11/50	52.8mg	8/50			
d	TR359	25.5mg	397.mg	4/50	26.3mg	9/50	52.8mg	9/50			
e	TR359	25.5mg	397.mg	4/50	26.3mg	9/50	52.8mg	9/50			lun:a/a,a/c. S
f	TR359	32.1mg	265.mg	1/50	26.3mg	5/50	52.8mg	8/50			sub:fib,srn. S
g	TR359	32.6mg	316.mg	1/50	26.3mg	5/50	52.8mg	7/50			
h	TR359	52.4mg	3.38gm	0/50	26.3mg	1/50	52.8mg	3/50			
i	TR359	41.2mg	n.s.s.	1/50	26.3mg	7/50	52.8mg	4/50			zym:can,svc.
j	TR359	39.2mg	n.s.s.	2/50	26.3mg	3/50	52.8mg	4/50			S
k	TR359	79.4mg	n.s.s.	0/50	26.3mg	1/50	52.8mg	0/50			
l	TR359	8.23mg	76.0mg	44/50	26.3mg	41/50	52.8mg	41/50			
m	TR359	n.s.s.	n.s.s.	0/50	26.3mg	0/50	52.8mg	0/50			liv:hpa,hpc,nnd.
Z-METHYL-O,N,N-AZOXYETHANE 57497-34-4											
3733	1723	5.32mg	46.7mg	2/20	16.2mg	12/20	(72.6mg)	10/20			Lijinsky;canr,45,76-79;1985
a	1723	8.13mg	57.5mg	0/20	16.2mg	8/20	(72.6mg)	6/20			
b	1723	52.9mg	405.mg	0/20	16.2mg	0/20	72.6mg	7/20			
c	1723	83.6mg	n.s.s.	0/20	16.2mg	2/20	72.6mg	2/20			
d	1723	67.4mg	n.s.s.	2/20	16.2mg	6/20	72.6mg	4/20			
METHYL BROMIDE 74-83-9											
3734	TR385	65.4mg	n.s.s.	27/50	12.0mg	29/50	39.7mg	27/50	23.4mg	27/60	
a	TR385	149.mg	n.s.s.	10/50	12.0mg	11/50	39.7mg	8/50	23.4mg	6/60	liv:hpa,hpc,nnd.
b	TR385	202.mg	n.s.s.	4/50	12.0mg	4/50	39.7mg	1/50	23.4mg	7/60	lun:a/a,a/c.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
3735	TR385	27.7mg	n.s.s.	37/50	10.0mg	41/49	33.1mg	38/50	19.5mg	16/70	
a	TR385	45.0mg	n.s.s.	28/50	10.0mg	31/49	33.1mg	26/50	19.5mg	9/70	liv:hpa,hpc,nnd.
b	TR385	60.1mg	n.s.s.	14/50	10.0mg	14/49	33.1mg	14/50	19.5mg	5/70	lun:a/a,a/c.
3736	2378	150.mg	n.s.s.	6/50	4.84mg	15/50	19.3mg	9/50	77.4mg	12/49	Nagano;apor,741-746;1998/pers.comm.
a	2378	433.mg	n.s.s.	1/50	4.84mg	0/50	19.3mg	2/50	77.4mg	1/49	
b	2378	589.mg	n.s.s.	1/50	4.84mg	1/50	19.3mg	0/50	77.4mg	1/49	
c	2378	577.mg	n.s.s.	1/50	4.84mg	4/50	19.3mg	1/50	77.4mg	1/49	
d	2378	374.mg	n.s.s.	2/50	4.84mg	10/50	19.3mg	1/50	77.4mg	4/49	
3737	2378	156.mg	n.s.s.	15/50	4.03mg	16/50	16.1mg	13/50	64.5mg	14/50	
a	2378	230.mg	n.s.s.	19/50	4.03mg	15/50	16.1mg	9/50	64.5mg	12/50	
b	2378	253.mg	n.s.s.	9/50	4.03mg	8/50	16.1mg	3/50	64.5mg	7/50	
c	2378	436.mg	n.s.s.	4/50	4.03mg	4/50	16.1mg	2/50	64.5mg	2/50	
3738	2378	77.7mg	n.s.s.	0/49	1.15mg	13/49	5.76mg	6/49	28.8mg	7/49	
a	2378	221.mg	n.s.s.	3/50	1.15mg	2/50	5.76mg	2/50	28.8mg	1/50	
b	2378	289.mg	n.s.s.	1/50	1.15mg	0/50	5.76mg	1/50	28.8mg	0/50	
3739	2378	14.1mg	4.58gm	16/50	.806mg	23/50	4.03mg	19/50	20.2mg	30/50	
a	2378	14.1mg	599.mg	0/50	.806mg	0/50	4.03mg	4/50	(20.2mg	1/50)	
b	2378	246.mg	n.s.s.	1/50	.806mg	1/50	4.03mg	0/50	20.2mg	0/50	
c	2378	229.mg	n.s.s.	0/50	.806mg	3/50	4.03mg	0/50	20.2mg	0/50	
3740	2017	365.mg	n.s.s.	0/60	.872mg	0/60	8.72mg	0/59	26.2mg	1/60	Reuzel;fctx,29,31-39;1991/pers.comm.
a	2017	611.mg	n.s.s.	0/60	.872mg	1/60	8.72mg	0/59	26.2mg	0/60	
b	2017	14.2mg	n.s.s.	0/58	.872mg	0/58	8.72mg	0/59	26.2mg	0/59	
c	2017	14.2mg	n.s.s.	0/58	.872mg	0/58	8.72mg	0/59	26.2mg	0/59	
d	2017	141.mg	n.s.s.	17/60	.872mg	11/60	8.72mg	13/60	26.2mg	12/60	
e	2017	56.5mg	n.s.s.	52/60	.872mg	54/60	8.72mg	52/60	26.2mg	46/60	
3741	2017	8.08mg	n.s.s.	0/46	.610mg	0/48	6.10mg	0/49	18.3mg	0/48	
a	2017	19.8mg	n.s.s.	10/47	.610mg	21/50	6.10mg	14/50	(18.3mg	7/44)	
b	2017	205.mg	n.s.s.	0/46	.610mg	0/48	6.10mg	1/49	18.3mg	0/48	
c	2017	341.mg	n.s.s.	0/46	.610mg	1/48	6.10mg	0/49	18.3mg	0/48	
d	2017	346.mg	n.s.s.	0/48	.610mg	1/48	6.10mg	0/49	18.3mg	0/49	
e	2017	346.mg	n.s.s.	0/48	.610mg	1/48	6.10mg	0/49	18.3mg	0/49	
f	2017	346.mg	n.s.s.	0/48	.610mg	1/48	6.10mg	0/49	18.3mg	0/49	
g	2017	353.mg	n.s.s.	1/46	.610mg	2/48	6.10mg	0/49	18.3mg	0/48	
h	2017	94.8mg	n.s.s.	31/48	.610mg	40/50	6.10mg	30/50	18.3mg	21/49	
i	2017	154.mg	n.s.s.	11/48	.610mg	16/50	6.10mg	14/50	18.3mg	5/49	
METHYL tert-BUTYL ETHER (MTBE) 1634-04-4											
3742	2243	3.08gm	21.9gm	2/50	453.mg	2/50	3.40gm	2/50	9.07gm	13/50	Bird;japt,17,s45-s55;1997/pers.comm.
a	2243	3.62gm	36.7gm	2/50	453.mg	1/50	3.40gm	2/50	9.07gm	10/50	
b	2243	10.0gm	n.s.s.	3/50	453.mg	0/50	3.40gm	0/50	9.07gm	4/50	
c	2243	24.9gm	n.s.s.	0/50	453.mg	1/50	3.40gm	0/50	9.07gm	1/50	
3743	2243	3.73gm	n.s.s.	12/50	378.mg	12/50	2.83gm	12/50	7.56gm	16/50	
a	2243	6.06gm	n.s.s.	2/50	378.mg	4/50	2.83gm	3/50	7.56gm	8/50	
b	2243	5.07gm	n.s.s.	11/50	378.mg	11/50	2.83gm	9/50	7.56gm	12/50	
c	2243	41.4gm	n.s.s.	1/50	378.mg	0/50	2.83gm	0/50	7.56gm	0/50	
3744	2243	5.81gm	n.s.s.	2/50	108.mg	1/49	810.mg	0/50	2.16gm	4/50	
a	2243	9.89gm	n.s.s.	0/50	108.mg	0/49	810.mg	1/50	2.16gm	0/50	
3745	2243	16.8mg	58.4mg	32/50	75.6mg	35/50	567.mg	42/51	1.51gm	47/50	
a	2243	69.4mg	1.27gm	1/50	75.6mg	0/50	567.mg	8/51	1.51gm	3/50	
b	2243	76.8mg	3.15gm	1/50	75.6mg	0/50	567.mg	5/51	1.51gm	3/50	
c	2243	344.mg	13.2gm	0/50	75.6mg	0/50	567.mg	3/51	1.51gm	0/50	
d	2243	485.mg	n.s.s.	0/50	75.6mg	2/50	567.mg	1/51	1.51gm	1/50	
3746	BT958	1.17gm	10.8gm	2/58	97.7mg	6/51	437.mg	12/47			Belpoggi;txih,11,119-149;1995/1997
a	BT958	706.mg	n.s.s.	2/60	97.7mg	5/60	(437.mg	0/60)			
b	BT958	2.11gm	n.s.s.	0/60	97.7mg	0/60	437.mg	0/60			
c	BT958	1.54gm	n.s.s.	49/60	97.7mg	43/60	437.mg	40/60			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
d	BT958	3.01gm	n.s.s.	22/60	97.7mg	19/60	437.mg	16/60			
3747	BT958	950.mg	29.3gm	2/26	124.mg	2/25	358.mg	11/32			
a	BT958	5.04gm	n.s.s.	0/60	124.mg	2/60	358.mg	1/60			
b	BT958	3.91gm	n.s.s.	10/59	124.mg	9/59	358.mg	7/58			
c	BT958	829.mg	n.s.s.	26/60	124.mg	26/60	358.mg	34/60			
d	BT958	2.38gm	n.s.s.	25/60	124.mg	23/60	358.mg	20/60			
METHYL CARBAMATE 598-55-0											
3748	TR328	700.mg	n.s.s.	32/50	354.mg	28/50	707.mg	27/50			
a	TR328	1.20gm	n.s.s.	4/50	354.mg	7/50	707.mg	6/50		liv:hpa,hpc,nnd.	
b	TR328	2.30gm	n.s.s.	7/50	354.mg	5/50	707.mg	4/50		lun:a/a,a/c.	
3749	TR328	495.mg	n.s.s.	27/50	354.mg	35/50	707.mg	28/50			
a	TR328	780.mg	n.s.s.	14/50	354.mg	17/50	707.mg	16/50		liv:hpa,hpc,nnd.	
b	TR328	1.61gm	n.s.s.	11/50	354.mg	8/50	707.mg	8/50		lun:a/a,a/c.	
3750	TR328	342.mg	8.57gm	0/50	70.7mg	0/50	142.mg	6/50		liv:hpc,nnd.	
a	TR328	372.mg	n.s.s.	0/50	70.7mg	0/50	142.mg	5/50			S
b	TR328	146.mg	n.s.s.	47/50	70.7mg	43/50	142.mg	42/50			
c	TR328	342.mg	8.57gm	0/50	70.7mg	0/50	142.mg	6/50		liv:hpa,hpc,nnd.	
3751	TR328a	7.46mg	66.1mg	0/10	286.mg	9/10					S
a	TR328a	20.7mg	226.mg	0/10	286.mg	6/10					
3752	TR328b	26.9mg	215.mg	0/10	286.mg	8/10					
a	TR328b	58.4mg	1.11gm	0/10	286.mg	5/10					S
3753	TR328	357.mg	n.s.s.	4/50	70.7mg	0/50	142.mg	7/50		liv:hpc,nnd.	
a	TR328	56.6mg	n.s.s.	47/50	70.7mg	45/50	(142.mg	40/50)			
b	TR328	357.mg	n.s.s.	4/50	70.7mg	0/50	142.mg	7/50		liv:hpa,hpc,nnd.	
3754	TR328a	11.9mg	95.4mg	0/10	286.mg	8/10					
a	TR328a	16.2mg	139.mg	0/10	286.mg	7/10					S
3755	TR328b	16.8mg	149.mg	0/10	286.mg	9/10					
a	TR328b	121.mg	n.s.s.	0/10	286.mg	2/10					
METHYL CARBAZATE 6294-89-9											
3756	1389	8.26mg	n.s.s.	16/24	2.50mg	11/24	5.00mg	15/24	10.0mg	14/24	Truhaut;txcy,22,219-221;1981
3757	1389	17.5mg	n.s.s.	7/24	2.50mg	6/24	5.00mg	8/24	10.0mg	5/24	
2-METHYL-4-CHLOROPHOXYACETIC ACID 94-74-6											
3758	2618m	1.08mg	n.s.s.	0/10	2.60mg	0/10	13.0mg	0/10	65.0mg	0/10	Bellet;rtp,30,223-232;1999/pers.comm.
3759	2618n	219.mg	n.s.s.	1/50	2.60mg	1/50	13.0mg	3/50	65.0mg	3/50	
a	2618n	446.mg	n.s.s.	0/50	2.60mg	0/50	13.0mg	0/50	65.0mg	1/50	
b	2618n	325.mg	n.s.s.	1/50	2.60mg	3/50	13.0mg	2/50	65.0mg	2/50	
c	2618n	381.mg	n.s.s.	1/50	2.60mg	5/50	13.0mg	1/50	65.0mg	2/50	
3760	2618m	.997mg	n.s.s.	0/10	2.40mg	0/10	12.0mg	0/10	60.0mg	0/10	
3761	2618n	144.mg	n.s.s.	4/50	2.40mg	4/50	12.0mg	6/50	60.0mg	7/50	
a	2618n	259.mg	n.s.s.	2/50	2.40mg	2/50	12.0mg	1/50	60.0mg	3/50	
b	2618n	250.mg	n.s.s.	11/50	2.40mg	10/50	12.0mg	7/50	60.0mg	7/50	
c	2618n	564.mg	n.s.s.	5/50	2.40mg	3/50	12.0mg	5/50	60.0mg	0/50	
3762	2618m	.393mg	n.s.s.	0/10	1.00mg	0/10	4.00mg	0/10	16.0mg	0/10	
3763	2618n	59.4mg	n.s.s.	5/50	1.00mg	2/50	4.00mg	6/50	16.0mg	4/50	
a	2618n	124.mg	n.s.s.	0/50	1.00mg	0/50	4.00mg	1/50	16.0mg	0/50	
3764	2618o	2.36mg	n.s.s.	1/15	1.00mg	0/15	4.00mg	0/15	16.0mg	0/15	
3765	2618m	.314mg	n.s.s.	0/10	.800mg	0/10	3.20mg	0/10	12.8mg	0/10	
3766	2618n	24.2mg	n.s.s.	13/50	.800mg	15/50	3.20mg	12/50	12.8mg	15/50	
a	2618n	50.0mg	n.s.s.	3/50	.800mg	1/50	3.20mg	1/50	12.8mg	4/50	
3767	2618o	38.6mg	n.s.s.	1/15	.800mg	1/15	3.20mg	1/15	12.8mg	0/15	
METHYL CLOFENAPATE 21340-68-1											
3768	2242m	2.33mg	n.s.s.	5/25	4.33mg	2/10					Tucker;cthf,39-53;1995

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
3769	2242n	3.36mg	n.s.s.	5/25	8.67mg	3/10						
3770	2242o	1.23mg	5.44mg	5/25	1.30mg	3/25	6.50mg	20/25	(13.0mg	2/25)		
a	2242o	4.81mg	16.3mg	0/25	1.30mg	1/25	6.50mg	5/25	13.0mg	13/25		
3771	2242r	6.50mg	38.4mg	0/25	1.34mg	1/25	15.7mg	9/25				
a	2242r	12.6mg	n.s.s.	1/25	1.34mg	2/25	15.7mg	4/25				
b	2242r	22.9mg	n.s.s.	0/25	1.34mg	2/25	15.7mg	1/25				
3772	2242m	.700mg	n.s.s.	4/25	4.00mg	6/10						
3773	2242n	1.79mg	n.s.s.	4/25	8.00mg	5/10						
3774	2242o	.407mg	3.14mg	1/25	1.20mg	11/25	(6.00mg	9/25	12.0mg	10/25)		
a	2242o	1.38mg	11.6mg	3/25	1.20mg	9/25	6.00mg	15/25	(12.0mg	4/25)		
3775	2242r	7.55mg	66.9mg	0/25	1.27mg	1/25	14.9mg	7/25				
a	2242r	20.2mg	n.s.s.	5/25	1.27mg	2/25	14.9mg	3/25				
b	2242r	28.8mg	n.s.s.	2/25	1.27mg	1/25	14.9mg	1/25				
3776	2242m	.208mg	n.s.s.	0/25	.125mg	0/10	.625mg	0/10	3.12mg	0/10		
3777	2242n	13.1mg	n.s.s.	0/25	.250mg	1/10	1.25mg	0/10	6.25mg	0/10		
3778	2242o	3.50mg	10.7mg	0/24	.500mg	1/24	2.50mg	4/25	12.5mg	20/24		
a	2242o	29.0mg	n.s.s.	0/24	.500mg	1/24	2.50mg	2/25	12.5mg	1/24		
3779	2242m	.166mg	n.s.s.	0/25	.100mg	0/10	.500mg	0/10	2.50mg	0/10		
3780	2242n	.493mg	31.2mg	2/25	.200mg	0/10	1.00mg	5/10	(5.00mg	2/10)		
a	2242n	.332mg	n.s.s.	0/25	.200mg	0/10	1.00mg	0/10	5.00mg	0/10		
3781	2242o	1.70mg	5.05mg	0/24	.400mg	0/24	2.00mg	9/25	10.0mg	22/23		
a	2242o	1.41mg	13.4mg	1/24	.400mg	3/24	2.00mg	10/25	(10.0mg	9/23)		
b	2242o	8.44mg	68.7mg	0/24	.400mg	0/24	2.00mg	4/25	10.0mg	6/23		
c	2242o	6.99mg	n.s.s.	2/24	.400mg	5/24	2.00mg	6/25	10.0mg	9/23		
3782	1478	n.s.s.	9.17mg	0/10	40.0mg	14/14					Reddy;canr,42,259-266;1982	
1-METHYL-1,4-DIHYDRO-7-[2-(5-NITROFURYL)VINYL]-4-OXO-1,8-NAPHTHYRIDINE-3-CARBOXYLATE, POTASSIUM 29676-95-7												
3783	211	4.40mg	19.9mg	0/30	12.5mg	15/60					Matsuzaki;gann,66,259-267;1975	
a	211	5.33mg	34.8mg	0/30	12.5mg	12/60						
b	211	8.94mg	n.s.s.	0/30	12.5mg	6/60						
c	211	10.1mg	n.s.s.	0/30	12.5mg	5/60						
3'-METHYL-4-DIMETHYLAMINOAZOBENZENE 55-80-1												
3784	2004	10.9mg	n.s.s.	0/23	18.5mg	1/4					Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.	
a	2004	3.37mg	n.s.s.	2/108	18.5mg	1/12						
b	2004	12.7mg	n.s.s.	6/74	18.5mg	1/8						
c	2004	6.93mg	n.s.s.	12/108	18.5mg	1/12						
d	2004	6.59mg	n.s.s.	17/108	18.5mg	2/12						
3785	1710	.590mg	n.s.s.	0/5	2.50mg	1/9					Styles;carc,6,21-28;1985	
3786	1756	2.04mg	5.42mg	0/30	.960mg	4/27	4.80mg	21/23	24.0mg	26/28	Ogiso;txpy,13,257-265;1985	
a	1756	3.06mg	8.18mg	0/30	.960mg	3/27	4.80mg	14/23	24.0mg	26/28		
b	1756	4.56mg	32.2mg	0/30	.960mg	1/27	4.80mg	7/23	(24.0mg	0/28)		
c	1756	22.6mg	120.mg	0/30	.960mg	0/27	4.80mg	0/23	24.0mg	10/28		
N-METHYL-N,4-DINITROSOANILINE 99-80-9												
3787	1258	.319mg	n.s.s.	0/10	.429mg	2/14					Boyland;ejca,4,233-239;1968	
a	1258	.244mg	n.s.s.	0/7	.429mg	1/8						
N-METHYL-N-FORMYLHYDRAZINE 758-17-8												
3788	716	2.73mg	8.73mg	0/13	10.6mg	24/31					Toth;zkko,93,109-121;1979	
a	716	6.50mg	21.9mg	0/79	10.6mg	19/41						
b	716	12.2mg	64.5mg	0/79	10.6mg	10/41						
c	716	13.3mg	77.2mg	0/79	10.6mg	9/41						
d	716	8.75mg	n.s.s.	0/1	10.6mg	3/14						
e	716	92.8mg	n.s.s.	0/100	10.6mg	0/44						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
f	716	3.63mg	11.3mg	13/100	10.6mg	32/44				
3789	716	4.57mg	13.6mg	0/65	9.36mg	24/43				
a	716	6.13mg	41.1mg	0/16	9.36mg	10/26				
b	716	7.35mg	27.4mg	0/65	9.36mg	16/43				
c	716	8.45mg	218.mg	0/16	9.36mg	7/26				
d	716	11.4mg	89.1mg	0/34	9.36mg	8/37				
e	716	13.5mg	88.4mg	0/65	9.36mg	8/43				
f	716	16.1mg	1.95gm	0/34	9.36mg	5/37				
g	716	85.4mg	n.s.s.	0/88	9.36mg	0/46				
h	716	3.04mg	8.58mg	7/88	9.36mg	34/46				
3790	1110	3.77mg	13.3mg	15/100	15.6mg	30/48	(31.2mg	9/37)	Toth;jnci,60,201-204;1978	
a	1110	6.44mg	18.8mg	0/33	15.6mg	22/43	31.2mg	3/11		
b	1110	10.7mg	47.2mg	0/33	15.6mg	12/43	31.2mg	3/11		
c	1110	9.67mg	59.0mg	0/33	15.6mg	10/43	(31.2mg	0/11)		
d	1110	11.9mg	510.mg	0/29	15.6mg	4/23	31.2mg	1/5		
3791	1265	.636mg	1.37mg	15/99	2.00mg	39/49	4.00mg	47/50	Toth;nplm,27,25-31;1980	
a	1265	3.49mg	14.5mg	8/95	2.00mg	10/44	4.00mg	20/48		
b	1265	17.5mg	n.s.s.	0/82	2.00mg	0/44	4.00mg	3/48		
c	1265	4.02mg	n.s.s.	0/32	2.00mg	1/10	4.00mg	0/5		
3792	1266	.444mg	1.77mg	29/94	.500mg	31/48	1.00mg	32/48	Toth;myco,78,11-16;1982a	
a	1266	.665mg	2.72mg	14/94	.500mg	23/48	1.00mg	22/48		
b	1266	.779mg	7.82mg	20/94	.500mg	23/48	1.00mg	21/48		
c	1266	2.27mg	n.s.s.	0/50	.500mg	2/23	1.00mg	0/17		
d	1266	4.03mg	n.s.s.	3/77	.500mg	1/45	1.00mg	3/38		
3793	1314	1.32mg	3.73mg	15/99	7.80mg	43/49			Toth;myco,68,121-128;1979	
a	1314	4.95mg	17.1mg	0/68	7.80mg	18/47				
b	1314	6.17mg	39.7mg	8/99	7.80mg	17/49				
c	1314	8.50mg	45.0mg	0/68	7.80mg	10/47				
d	1314	10.1mg	66.6mg	0/68	7.80mg	8/47				
e	1314	11.9mg	164.mg	0/63	7.80mg	5/40				
f	1314	13.7mg	449.mg	0/63	7.80mg	4/40				
3794	1110	8.19mg	48.2mg	1/81	13.0mg	11/47	(26.0mg	3/26)	Toth;jnci,60,201-204;1978	
a	1110	13.8mg	203.mg	0/75	13.0mg	5/29	26.0mg	0/8		
b	1110	14.4mg	186.mg	0/81	13.0mg	5/47	(26.0mg	0/26)		
c	1110	6.00mg	n.s.s.	22/98	13.0mg	20/47	(26.0mg	4/26)		
3795	1265	1.12mg	3.09mg	22/98	1.67mg	36/49	3.33mg	31/46	Toth;nplm,27,25-31;1980	
a	1265	1.64mg	14.5mg	5/78	1.67mg	13/42	(3.33mg	7/36)		
b	1265	3.10mg	12.2mg	2/78	1.67mg	6/42	3.33mg	14/36		
c	1265	4.90mg	20.0mg	0/90	1.67mg	6/46	3.33mg	8/43		
d	1265	5.21mg	22.8mg	0/90	1.67mg	6/46	3.33mg	7/43		
3796	1266	.488mg	2.69mg	19/83	.417mg	27/45	.833mg	24/47	Toth;myco,78,11-16;1982a	
a	1266	.686mg	5.95mg	13/83	.417mg	20/45	.833mg	18/47		
b	1266	1.04mg	215.mg	0/80	.417mg	3/39	(.833mg	0/43)		
c	1266	1.08mg	n.s.s.	9/83	.417mg	14/45	.833mg	11/47		
d	1266	.916mg	n.s.s.	1/83	.417mg	5/45	(.833mg	0/47)		
e	1266	3.38mg	n.s.s.	0/80	.417mg	0/39	.833mg	3/43		
f	1266	3.97mg	n.s.s.	5/80	.417mg	3/39	.833mg	2/43		
3797	1314	.527mg	1.99mg	1/69	6.50mg	28/30			Toth;myco,68,121-128;1979	
a	1314	1.07mg	3.78mg	22/88	6.50mg	34/41				
b	1314	5.05mg	44.5mg	0/69	6.50mg	6/30				
c	1314	5.75mg	64.6mg	0/69	6.50mg	5/30				
d	1314	6.27mg	618.mg	0/51	6.50mg	3/24				
METHYL HESPERIDIN 11013-97-1										
3798	1987	29.5gm	n.s.s.	1/50	1.50gm	1/50	6.00gm	2/50	Kurata;fctx,28,613-618;1990	
a	1987	28.8gm	n.s.s.	3/50	1.50gm	1/50	6.00gm	3/50		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
b	1987	45.7gm	n.s.s.	1/50	1.50gm	0/50	6.00gm	1/50				
c	1987	65.1gm	n.s.s.	2/50	1.50gm	1/50	6.00gm	0/50				
d	1987	45.5gm	n.s.s.	3/50	1.50gm	2/50	6.00gm	1/50				
3799	1987	10.8gm	n.s.s.	10/50	1.38gm	14/50	5.54gm	12/50				
a	1987	9.74gm	n.s.s.	17/50	1.38gm	16/50	5.54gm	17/50				
b	1987	32.1gm	n.s.s.	3/50	1.38gm	2/50	5.54gm	2/50				
c	1987	45.2gm	n.s.s.	5/50	1.38gm	3/50	5.54gm	1/50				
d	1987	32.6gm	n.s.s.	6/50	1.38gm	2/50	5.54gm	3/50				
METHYL LINOLEATE HYDROPEROXIDE 27323-65-5												
3800	1475	41.6mg	n.s.s.	0/30	9.61mg	0/30					Arffmann;jnci,67,1071-1075;1981	
a	1475	41.6mg	n.s.s.	0/30	9.61mg	0/30						
METHYL LINOLEATE, NATIVE 112-63-0												
3801	1475	42.0mg	n.s.s.	0/30	9.71mg	0/30					Arffmann;jnci,67,1071-1075;1981	
a	1475	42.0mg	n.s.s.	0/30	9.71mg	0/30						
METHYL METHACRYLATE 80-62-6												
3802	2544	1.24gm	n.s.s.	0/46	234.mg	0/52					Lomax;fctx,35,393-407;1997	
a	2544	1.24gm	n.s.s.	0/46	234.mg	0/52						
3803	2544	536.mg	n.s.s.	0/48	206.mg	1/42						
a	2544	1.00gm	n.s.s.	0/48	206.mg	0/42						
3804	TR314	1.08gm	n.s.s.	34/50	631.mg	19/50	(1.26gm	19/50)				
a	TR314	1.82gm	n.s.s.	7/50	631.mg	4/50	(1.26gm	2/50)			liv:hpa,hpc,nnd.	
b	TR314	1.04gm	n.s.s.	2/50	631.mg	5/50	(1.26gm	0/50)			lun:a/a,a/c.	
3805	TR314	1.32gm	n.s.s.	30/50	526.mg	17/50	(1.05gm	17/50)				
a	TR314	2.07gm	n.s.s.	16/50	526.mg	7/50	(1.05gm	7/50)			liv:hpa,hpc,nnd.	
b	TR314	7.86gm	n.s.s.	11/50	526.mg	1/50	1.05gm	4/50			lun:a/a,a/c.	
3806	TR314	78.2mg	n.s.s.	40/50	75.1mg	46/50	150.mg	44/50				
a	TR314	526.mg	n.s.s.	0/50	75.1mg	0/50	150.mg	2/50			liv:hpa,hpc,nnd.	
3807	2544	676.mg	n.s.s.	0/44	123.mg	1/49					Lomax;fctx,35,393-407;1997	
a	2544	54.0mg	n.s.s.	0/45	7.66mg	0/45	30.6mg	0/41	123.mg	0/42		
3808	TR314	139.mg	n.s.s.	44/50	105.mg	46/50	210.mg	45/50				
a	TR314	477.mg	n.s.s.	0/50	105.mg	3/50	210.mg	2/50			liv:hpa,hpc,nnd.	
3809	2544	415.mg	n.s.s.	0/44	5.36mg	0/47	21.5mg	1/48	85.8mg	1/42	Lomax;fctx,35,393-407;1997	
a	2544	528.mg	n.s.s.	4/49	85.8mg	2/50						
METHYL METHANESULFONATE (MMS) 66-27-3												
3810	195	16.0mg	113.mg	63/162	33.3mg	33/47					Clapp;scie,161,913-914;1968	
a	195	67.5mg	n.s.s.	6/162	33.3mg	7/47						
b	195	160.mg	n.s.s.	6/162	33.3mg	2/47						
N-METHYL-N'-NITRO-N-NITROSGUANIDINE (MNNG) 70-25-7												
3811	2226m	.841mg	12.1mg	0/7	10.4mg	7/12					Ho;clet,91,177-183;1995/pers.comm.	
3812	2226n	6.70mg	n.s.s.	0/7	10.0mg	0/13						
3813	2004	.493mg	n.s.s.	0/23	.964mg	1/4					Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.	
a	2004	1.07mg	n.s.s.	8/108	.964mg	1/18						
3814	1571	7.87mg	n.s.s.	0/23	13.2mg	4/20					Tsung-Hsien;jnci,70,1067-1069;1983	
a	1571	7.87mg	n.s.s.	0/23	13.2mg	4/20						
3815	1778	.160mg	1.90mg	0/6	2.83mg	7/10					Gurkalo;bexb,101,833-837;1986	
3816	196	10.7mg	n.s.s.	0/20	4.15mg	0/50					Bralow;onco,27,168-180;1973	
a	196	10.7mg	n.s.s.	0/20	4.15mg	0/50						
3817	1954	.961mg	2.25mg	1/119	1.00mg	8/24	2.00mg	16/24	4.00mg	20/24	Fears;txih,4,221-255;1988	
a	1954	7.25mg	64.3mg	0/120	1.00mg	0/24	2.00mg	3/24	4.00mg	3/24		
3818	1611m	.658mg	4.00mg	0/20	.857mg	9/20					Lijinsky;canr,44,447-449;1984	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	1611m	.963mg	12.4mg	0/20	.857mg	6/20						
b	1611m	1.58mg	n.s.s.	0/20	.857mg	3/20						
c	1611m	2.69mg	n.s.s.	0/20	.857mg	1/20						
d	1611m	3.94mg	n.s.s.	5/20	.857mg	1/20						
3819	1611n	.302mg	1.33mg	0/20	1.02mg	14/20						
a	1611n	.708mg	6.27mg	0/20	1.02mg	7/20						
b	1611n	.936mg	28.6mg	0/20	1.02mg	5/20						
c	1611n	1.10mg	n.s.s.	0/20	1.02mg	4/20						
d	1611n	3.31mg	n.s.s.	5/20	1.02mg	1/20						
3820	1954	.486mg	1.11mg	0/119	.800mg	14/24	1.60mg	18/23	3.20mg	22/24	Fears;txih,4,221-255;1988	
a	1954	2.19mg	n.s.s.	1/120	.800mg	0/24	1.60mg	0/23	3.20mg	0/24		
3821	2278	.661mg	n.s.s.	0/8	2.14mg	10/26					Tatematsu;jnci,78,771-777;1987/pers.comm.	
a	2278	.814mg	n.s.s.	0/8	2.14mg	8/26						
3822	2141m	.551mg	n.s.s.	0/10	3.46mg	4/13					Basso;zkko,118,441-446;1992	
3823	2141n	.508mg	3.53mg	0/10	6.00mg	9/15						
3824	1105	73.1ug	.411mg	0/5	2.33mg	19/20					Tahara;zkko,100,1-12;1981	
a	1105	.821mg	n.s.s.	0/5	2.33mg	4/20						
3825	1726	1.04mg	n.s.s.	0/5	1.59mg	1/20					Yasui;canr,45,4763-4767;1985	
a	1726	1.04mg	n.s.s.	0/5	1.59mg	1/20						
3826	199	.289mg	2.05mg	0/6	3.30mg	10/12					Sugimura;canr,30,455-465;1970	
a	199	.480mg	5.31mg	0/6	3.30mg	8/12						
b	199	1.04mg	n.s.s.	0/6	3.30mg	4/12						
c	199	2.32mg	n.s.s.	0/6	3.30mg	1/12						
3827	435	.186mg	2.54mg	0/10	1.92mg	5/8					Matsukura;jnci,61,141-143;1978	
3828	1105	.510mg	n.s.s.	0/5	2.04mg	2/10					Tahara;zkko,100,1-12;1981	
a	1105	1.40mg	n.s.s.	0/5	2.04mg	0/10						
3829	1475	.366mg	1.00mg	0/30	.366mg	10/30	1.52mg	20/30			Arffmann;jnci,67,1071-1075;1981	
a	1475	1.28mg	n.s.s.	0/30	.366mg	0/30	1.52mg	0/30				
3830	1678	.444mg	1.92mg	0/12	2.90mg	16/30					Domellof;ajsu,142,551-554;1981	
a	1678	.617mg	4.60mg	0/12	2.90mg	12/30						
b	1678	1.49mg	n.s.s.	0/12	2.90mg	4/30						
3831	1724m	.839mg	n.s.s.	0/8	4.68mg	2/9					Morishita;clet,17,347-352;1983/pers.comm.	
3832	1724n	.549mg	n.s.s.	0/12	2.50mg	4/17						
a	1724n	.665mg	n.s.s.	0/12	2.50mg	3/17						
b	1724n	1.15mg	n.s.s.	0/12	2.50mg	1/17						
3833	1724o	.827mg	n.s.s.	0/12	2.50mg	7/35						
a	1724o	.927mg	n.s.s.	0/12	2.50mg	6/35						
b	1724o	1.79mg	n.s.s.	0/12	2.50mg	2/35						
3834	1726	.668mg	n.s.s.	0/5	1.39mg	2/20					Yasui;canr,45,4763-4767;1985	
3835	1822	.505mg	1.85mg	0/30	2.13mg	17/30					Fujii;nutc,9,185-193;1987	
a	1822	1.83mg	n.s.s.	0/30	2.13mg	4/30						
b	1822	2.71mg	n.s.s.	0/30	2.13mg	2/30						
c	1822	6.86mg	n.s.s.	0/30	2.13mg	0/30						
d	1822	.764mg	n.s.s.	20/30	2.13mg	20/30						
3836	2124	.195mg	.709mg	0/10	1.08mg	16/25	2.15mg	20/24	2.77mg	13/22	Zaidi;carc,14,1561-1567;1993	
a	2124	.274mg	.955mg	0/10	1.08mg	10/25	2.15mg	18/24	2.77mg	11/22		
b	2124	.285mg	1.06mg	0/10	1.08mg	10/25	2.15mg	17/24	2.77mg	11/22		
c	2124	.339mg	33.9mg	0/10	1.08mg	11/25	2.15mg	15/24	2.77mg	8/22		
d	2124	.376mg	8.58mg	0/10	1.08mg	9/25	2.15mg	15/24	2.77mg	7/22		
e	2124	1.74mg	n.s.s.	0/10	1.08mg	1/25	2.15mg	1/24	2.77mg	3/22		
f	2124	2.00mg	n.s.s.	0/10	1.08mg	1/25	2.15mg	1/24	2.77mg	2/22		
g	2124	2.92mg	n.s.s.	0/10	1.08mg	1/25	2.15mg	0/24	2.77mg	1/22		
h	2124	3.85mg	n.s.s.	0/10	1.08mg	0/25	2.15mg	0/24	2.77mg	1/22		
i	2124	4.27mg	n.s.s.	0/10	1.08mg	1/25	2.15mg	0/24	2.77mg	0/22		
j	2124	1.29mg	n.s.s.	0/10	1.08mg	6/25	2.15mg	2/24	2.77mg	2/22		
3837	2122	.268mg	n.s.s.	0/10	1.25mg	3/11					Tatematsu;carc,14,1415-1419;1993	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
3838	196	1.66mg	n.s.s.	0/16	4.15mg	2/20		Bralow;onco,27,168-180;1973	
3839	196	.684mg	1.63mg	0/40	4.15mg	37/74			
a	196	1.54mg	5.91mg	0/40	4.15mg	17/74			
2-METHYL-1-NITROANTHRAQUINONE 129-15-7									
3840	TR29	1.12mg	3.17mg	0/50	32.0mg	29/50	64.0mg	38/50	
a	TR29	1.07mg	2.85mg	10/50	32.0mg	34/50	64.0mg	44/50	
b	TR29	n.s.s.	n.s.s.	1/50	32.0mg	0/50	64.0mg	0/50	liv:hpa,hpc,nnd.
c	TR29	15.9mg	n.s.s.	3/50	32.0mg	0/50	64.0mg	1/50	lun:a/a,a/c.
3841	TR29	.780mg	2.31mg	0/50	29.5mg	25/50	59.0mg	36/50	
a	TR29	.621mg	1.65mg	22/50	29.5mg	42/50	59.0mg	46/50	
b	TR29	n.s.s.	n.s.s.	8/50	29.5mg	0/50	59.0mg	0/50	liv:hpa,hpc,nnd.
c	TR29	7.41mg	n.s.s.	10/50	29.5mg	1/50	59.0mg	0/50	lun:a/a,a/c.
3842	TR29	66.1mg	403.mg	1/50	21.0mg	0/50	43.0mg	13/50	
a	TR29	96.4mg	28.3gm	0/50	21.0mg	3/50	43.0mg	4/50	ubl:ppn,srn,ttp.
b	TR29	27.4mg	n.s.s.	17/50	21.0mg	26/50	43.0mg	25/50	
c	TR29	123.mg	n.s.s.	0/50	21.0mg	1/50	43.0mg	4/50	liv:hpc,nnd.
d	TR29	154.mg	n.s.s.	0/50	21.0mg	0/50	43.0mg	3/50	
e	TR29	165.mg	n.s.s.	0/50	21.0mg	0/50	43.0mg	3/50	
f	TR29	18.6mg	n.s.s.	38/50	21.0mg	43/50	43.0mg	44/50	
g	TR29	123.mg	n.s.s.	0/50	21.0mg	1/50	43.0mg	4/50	liv:hpa,hpc,nnd.
3843	TR29	16.8mg	47.4mg	3/49	16.8mg	10/50	34.4mg	34/50	
a	TR29	28.0mg	130.mg	1/49	16.8mg	7/50	34.4mg	15/50	liv:hpc,nnd.
b	TR29	43.8mg	879.mg	1/49	16.8mg	5/50	34.4mg	9/50	
c	TR29	60.2mg	779.mg	0/49	16.8mg	2/50	34.4mg	6/50	
d	TR29	13.6mg	n.s.s.	32/49	16.8mg	41/50	34.4mg	47/50	
e	TR29	28.0mg	130.mg	1/49	16.8mg	7/50	34.4mg	15/50	liv:hpa,hpc,nnd.
4-METHYL-1-[(5-NITROFURFURYLIDENE) AMINO]-2-IMIDAZOLIDINONE 21638-36-8									
3844	200a	3.04mg	10.5mg	0/25	17.4mg	19/32			Cohen;jnci,51,403-417;1973
a	200a	46.3mg	n.s.s.	0/25	17.4mg	0/32			
b	200a	3.11mg	12.4mg	1/25	17.4mg	19/32			
4-(4-N-METHYL-N-NITROSAMINOSTYRYL)QUINOLINE 16699-10-8									
3845	1162	.217mg	1.32mg	0/20	1.63mg	9/20			Yamamoto;jnci,51,1313-1315;1973
3846	1162	.416mg	n.s.s.	0/20	1.31mg	3/20			
a	1162	.711mg	n.s.s.	0/20	1.31mg	1/20			
N-METHYL-N-NITROSOBENZAMIDE 63412-06-6									
3847	1246	22.0mg	n.s.s.	0/25	3.59mg	0/19			Bulay;jnci,62,1523-1528;1979
a	1246	2.67mg	n.s.s.	12/25	3.59mg	12/19			
3848	1246	1.55mg	8.10mg	0/22	3.14mg	11/17			
a	1246	3.12mg	31.1mg	0/22	3.14mg	6/17			
b	1246	3.64mg	56.4mg	0/22	3.14mg	5/17			
c	1246	17.2mg	n.s.s.	0/22	3.14mg	0/17			
d	1246	.856mg	n.s.s.	12/22	3.14mg	15/17			
N-(N-METHYL-N-NITROSO-CARBAMOYL)-L-ORNITHINE (nitroso-urea amino acid) 63642-17-1									
3849	1317	.271mg	1.81mg	0/14	5.12mg	9/12			Longnecker;jept,4,117-129;1980
a	1317	.271mg	1.81mg	0/14	5.12mg	9/12			
b	1317	.565mg	6.13mg	0/14	5.12mg	6/13			
c	1317	1.78mg	n.s.s.	0/14	5.12mg	1/13			
d	1317	1.88mg	n.s.s.	5/14	5.12mg	3/15			
3850	1317	.452mg	n.s.s.	0/4	5.12mg	8/14			
a	1317	.452mg	n.s.s.	0/4	5.12mg	8/14			
b	1317	.628mg	n.s.s.	0/4	5.12mg	6/14			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
c	1317	1.29mg	n.s.s.	0/4	5.12mg	2/13					
d	1317	1.78mg	n.s.s.	0/4	5.12mg	1/13					
e	1317	1.93mg	n.s.s.	0/4	5.12mg	1/14					
R(-)-2-METHYL-N-NITROSOPIPERIDINE 14026-03-0											
3851	1418	10.8mg	54.7mg	0/20	25.7mg	11/20				Wiessler;zkko,79,118-122;1973	
a	1418	32.7mg	n.s.s.	0/20	25.7mg	3/20					
b	1418	9.83mg	61.1mg	1/20	25.7mg	12/20					
S(+)-2-METHYL-N-NITROSOPIPERIDINE 36702-44-0											
3852	1418	15.4mg	109.mg	0/20	25.7mg	8/20				Wiessler;zkko,79,118-122;1973	
a	1418	20.0mg	258.mg	0/20	25.7mg	6/20					
b	1418	23.1mg	706.mg	0/20	25.7mg	5/20					
c	1418	6.62mg	31.9mg	1/20	25.7mg	15/20					
METHYL 12-OXO-trans-10-OCTADECENOATE 21308-79-2											
3853	1627	361.mg	n.s.s.	2/30	239.mg	3/30				Kiaer;apms,83,550-558;1975	
METHYL PARATHION 298-00-0											
3854	TR157	7.79mg	n.s.s.	14/20	8.10mg	30/50	(16.2mg	20/50)			
a	TR157	58.5mg	n.s.s.	1/20	8.10mg	4/50	16.2mg	2/50		liv:hpa,hpc,nnd.	
b	TR157	47.3mg	n.s.s.	0/20	8.10mg	3/50	16.2mg	2/50		lun:a/a,a/c.	
3855	TR157	10.0mg	n.s.s.	13/20	4.20mg	31/50	9.20mg	28/50			
a	TR157	8.86mg	n.s.s.	10/20	4.20mg	14/50	(9.20mg	12/50)		liv:hpa,hpc,nnd.	
b	TR157	13.9mg	n.s.s.	1/20	4.20mg	10/50	9.20mg	8/50		lun:a/a,a/c.	
3856	TR157	1.49mg	n.s.s.	18/20	1.00mg	33/50	2.00mg	20/50			
a	TR157	7.80mg	n.s.s.	2/20	1.00mg	5/50	2.00mg	0/50		liv:hpa,hpc,nnd.	
3857	TR157	1.52mg	n.s.s.	16/20	.800mg	37/50	1.60mg	32/50			
a	TR157	19.7mg	n.s.s.	2/20	.800mg	0/50	1.60mg	0/50		liv:hpa,hpc,nnd.	
N-METHYL-2-PYRROLIDONE*** 872-50-4											
3858	2653	2.22gm	231.gm	0/50	78.0mg	0/50	156.mg	0/50	936.mg	3/50	Malley;dact,24,315-338;2001
a	2653	1.24gm	n.s.s.	2/50	78.0mg	2/50	156.mg	1/50	936.mg	7/50	
b	2653	994.mg	n.s.s.	10/50	78.0mg	6/50	156.mg	5/50	936.mg	12/50	
c	2653	1.30gm	n.s.s.	12/50	78.0mg	5/50	156.mg	9/50	936.mg	10/50	
3859	2653	714.mg	5.92gm	4/50	72.0mg	1/50	144.mg	3/50	864.mg	13/50	
a	2653	767.mg	21.2gm	5/50	72.0mg	2/50	144.mg	4/50	864.mg	12/50	
b	2653	1.23gm	n.s.s.	1/50	72.0mg	2/50	144.mg	3/50	864.mg	5/50	
c	2653	2.30gm	n.s.s.	1/50	72.0mg	4/50	144.mg	6/50	864.mg	2/50	
d	2653	633.mg	n.s.s.	15/50	72.0mg	5/50	144.mg	8/50	864.mg	18/50	
e	2653	725.mg	n.s.s.	9/50	72.0mg	7/50	144.mg	11/50	864.mg	14/50	
3860	1818	513.mg	n.s.s.	0/83	30.4mg	0/82				Lee;faat,9,222-235;1987/pers.comm.	
3861	2653	7.57gm	n.s.s.	0/62	80.0mg	0/62	250.mg	1/62	750.mg	0/62	Malley;dact,24,315-338;2001
a	2653	313.mg	n.s.s.	62/62	80.0mg	60/62	250.mg	61/62	750.mg	59/62	
3862	1818	372.mg	n.s.s.	0/82	21.2mg	0/85				Lee;faat,9,222-235;1987/pers.comm.	
3863	2653	2.81gm	n.s.s.	2/62	64.0mg	6/62	200.mg	3/62	600.mg	4/62	Malley;dact,24,315-338;2001
a	2653	276.mg	n.s.s.	56/62	64.0mg	55/62	200.mg	56/62	600.mg	56/62	
(N-6)-METHYLADENINE 443-72-1											
3864	1255	6.08mg	n.s.s.	3/16	4.33mg	3/17				Anderson;ijcn,24,319-322;1979	
a	1255	15.2mg	n.s.s.	1/16	4.33mg	0/17					
3865	1255	5.70mg	n.s.s.	5/21	3.52mg	3/17					
a	1255	6.92mg	n.s.s.	4/21	3.52mg	2/17					
(N-6)-METHYLADENOSINE 1867-73-8											
3866	1255	16.9mg	n.s.s.	1/16	9.76mg	1/12				Anderson;ijcn,24,319-322;1979	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	1255	14.1mg	n.s.s.	3/16	9.76mg	2/12				
3867	1255	8.65mg	n.s.s.	4/21	7.89mg	4/14				
a	1255	9.22mg	n.s.s.	5/21	7.89mg	4/14				
alpha-METHYLBENZYL ALCOHOL 98-85-1										
3868	TR369	870.mg	n.s.s.	33/50	265.mg	23/50	531.mg	24/50		
a	TR369	4.97gm	n.s.s.	2/50	265.mg	1/50	531.mg	0/50	liv:hpa,hpc,nnd.	
b	TR369	2.76gm	n.s.s.	7/50	265.mg	1/50	531.mg	4/50	lun:a/a,a/c.	
3869	TR369	321.mg	n.s.s.	39/50	265.mg	40/50	531.mg	32/50		
a	TR369	711.mg	n.s.s.	20/50	265.mg	22/50	531.mg	13/50	liv:hpa,hpc,nnd.	
b	TR369	1.07gm	n.s.s.	17/50	265.mg	14/50	531.mg	9/50	lun:a/a,a/c.	
3870	TR369	791.mg	60.5gm	0/50	265.mg	1/50	531.mg	3/50		S
a	TR369	190.mg	n.s.s.	46/50	265.mg	40/50	531.mg	22/50		
b	TR369	1.41gm	n.s.s.	0/50	265.mg	1/50	531.mg	0/50	liv:hpa,hpc,nnd.	
3871	TR369	31.1mg	98.0mg	46/50	265.mg	36/50	531.mg	35/50		S
a	TR369	62.4mg	508.mg	16/50	265.mg	20/50	531.mg	4/50	amd:phe,phm.	S
b	TR369	161.mg	1.70gm	0/50	265.mg	2/50	531.mg	5/50	kid:tla,uac.	S
c	TR369	176.mg	2.50gm	0/50	265.mg	1/50	531.mg	5/50		S
d	TR369	243.mg	n.s.s.	1/50	265.mg	3/50	531.mg	1/50	lun:a/a,a/c.	S
e	TR369	276.mg	n.s.s.	0/50	265.mg	3/50	531.mg	0/50		S
f	TR369	46.3mg	249.mg	43/50	265.mg	32/50	531.mg	18/50		
g	TR369	456.mg	n.s.s.	2/50	265.mg	2/50	531.mg	0/50	liv:hpa,hpc,nnd.	
3872	TR369	567.mg	2.38gm	1/50	265.mg	13/50	531.mg	14/50	kid:tla,uac.	
a	TR369	587.mg	2.50gm	1/50	265.mg	12/50	531.mg	14/50		S
3-METHYLBUTANAL METHYLFORMYLHYDRAZONE 57590-21-3										
3873	1966	1.19mg	3.85mg	13/50	2.98mg	42/50			Toth;vivo,4,283-288;1990	
a	1966	1.48mg	4.33mg	7/50	2.98mg	38/50				
b	1966	4.39mg	16.3mg	0/50	2.98mg	16/50				
c	1966	4.26mg	54.6mg	6/50	2.98mg	19/50				
d	1966	4.98mg	20.2mg	0/50	2.98mg	14/50				
e	1966	11.0mg	559.mg	0/50	2.98mg	5/50				
f	1966	12.6mg	n.s.s.	0/50	2.98mg	4/50				
g	1966	18.4mg	n.s.s.	0/50	2.98mg	2/50				
h	1966	24.6mg	n.s.s.	0/50	2.98mg	1/50				
3874	1966	1.48mg	5.47mg	13/50	3.18mg	38/50				
a	1966	1.88mg	8.11mg	12/50	3.18mg	34/50				
b	1966	2.66mg	7.83mg	0/50	3.18mg	24/50				
c	1966	3.28mg	10.6mg	0/50	3.18mg	20/50				
d	1966	3.46mg	11.6mg	0/50	3.18mg	19/50				
e	1966	4.37mg	17.0mg	0/50	3.18mg	15/50				
f	1966	5.10mg	69.2mg	3/50	3.18mg	14/50				
g	1966	11.8mg	n.s.s.	0/50	3.18mg	4/50				
h	1966	11.8mg	n.s.s.	0/50	3.18mg	4/50				
i	1966	14.0mg	n.s.s.	0/50	3.18mg	3/50				
4-METHYLCATECHOL 452-86-8										
3875	2202	n.s.s.	304.mg	0/30	1.00gm	30/30			Asakawa;ijcn,56,146-152;1994	
a	2202	130.mg	487.mg	0/30	1.00gm	28/30				
b	2202	579.mg	2.40gm	0/30	1.00gm	14/30				
c	2202	747.mg	3.71gm	0/30	1.00gm	11/30				
d	2202	1.97gm	n.s.s.	0/30	1.00gm	3/30				
e	2202	3.73gm	n.s.s.	1/30	1.00gm	1/30				
3876	2202	n.s.s.	243.mg	0/30	800.mg	30/30				
a	2202	265.mg	941.mg	1/30	800.mg	21/30				
b	2202	364.mg	1.34gm	0/30	800.mg	17/30				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
c	2202	394 .mg	1.50gm	0/30	800 .mg	16/30				
d	2202	1.32gm	n.s.s.	0/30	800 .mg	4/30				
e	2202	2.99gm	n.s.s.	1/30	800 .mg	1/30				
3-METHYLCHOLANTHRENE 56-49-5										
3877	2004	9.22mg	n.s.s.	3/15	8.37mg	0/3			Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.	
3878	2004	7.38mg	n.s.s.	6/74	10.7mg	0/7				
3879	1484m	.518mg	n.s.s.	0/40	1.07mg	0/6			Flaks;carc,3,981-991;1982	
3880	1484n	1.94mg	n.s.s.	0/40	1.61mg	0/15				
3881	1484o	3.24mg	n.s.s.	0/40	2.68mg	0/15				
3882	481	.261mg	1.08mg	0/9	4.90mg	17/21			Shay;mpoc,305-318;1962	
3883	188BT	.343mg	1.53mg	0/20	9.80mg	19/21			Shay;jnci,27,503-513;1961	
3884	188bm	91.4ug	.485mg	0/20	2.46mg	14/16				
3885	188bn	.137mg	.727mg	0/20	3.69mg	14/16				
3886	188bo	.375mg	1.84mg	0/20	4.90mg	12/18				
3887	188br	.261mg	1.08mg	0/20	4.90mg	17/21				
3888	188bs	n.s.s.	.486mg	0/20	4.90mg	17/17				
3889	188bu	.286mg	1.55mg	0/20	12.2mg	20/21				
3890	188bv	.336mg	1.12mg	0/20	4.90mg	22/29				
3891	1130m	.808mg	2.04mg	1/54	8.57mg	37/53			Gruenstein;canr,24,1656-1658;1964	
3892	1130n	.363mg	1.39mg	1/54	4.90mg	18/25				
alpha-METHYLDOPA SESQUIHYDRATE 41372-08-1										
3893	TR348	3.22gm	n.s.s.	33/50	811 .mg	22/50	1.61gm	21/50		
a	TR348	5.13gm	n.s.s.	4/50	811 .mg	1/50	(1.61gm	0/50)	liv:hpa,hpc,nnd.	
b	TR348	4.97gm	n.s.s.	4/50	811 .mg	1/50	1.61gm	6/50	lun:a/a,a/c.	
3894	TR348	6.08gm	n.s.s.	0/50	749 .mg	2/50	1.49gm	1/50	kid:tla,uac.	
a	TR348	4.11gm	n.s.s.	32/50	749 .mg	15/50	1.49gm	17/50		
b	TR348	7.29gm	n.s.s.	15/50	749 .mg	5/50	1.49gm	6/50	liv:hpa,hpc,nnd.	
c	TR348	4.94gm	n.s.s.	10/50	749 .mg	5/50	1.49gm	7/50	lun:a/a,a/c.	
3895	TR348	140 .mg	n.s.s.	45/50	154 .mg	47/50	312 .mg	47/50		
a	TR348	n.s.s.	n.s.s.	0/50	154 .mg	1/50	312 .mg	0/50	liv:hpa,hpc,nnd.	
3896	TR348	216 .mg	n.s.s.	46/50	123 .mg	31/50	250 .mg	42/50		
a	TR348	351 .mg	n.s.s.	6/50	123 .mg	3/50	(250 .mg	1/50)	liv:hpa,hpc,nnd.	
N-METHYLDOPAMINE,O,O'-DIISOBUTYROYL ESTER.HCl (ibopamine.HCl) 75011-65-3										
3897	1875	164 .mg	n.s.s.	71/200	30.0mg	26/100	(90.0mg	22/100	180 .mg	19/100)
a	1875	249 .mg	n.s.s.	163/200	30.0mg	83/100	90.0mg	92/100	180 .mg	75/100
b	1875	626 .mg	n.s.s.	31/200	30.0mg	17/100	90.0mg	11/100	(180 .mg	1/100)
c	1875	1.22gm	n.s.s.	67/200	30.0mg	30/100	90.0mg	27/100	180 .mg	23/100
d	1875	2.59gm	n.s.s.	11/200	30.0mg	1/100	90.0mg	3/100	180 .mg	3/100
3898	1875	15.5mg	142 .mg	125/200	30.0mg	81/100	(90.0mg	59/100	180 .mg	41/100)
a	1875	850 .mg	n.s.s.	45/200	30.0mg	11/100	90.0mg	13/100	(180 .mg	7/100)
b	1875	145 .mg	n.s.s.	50/200	30.0mg	21/100	(90.0mg	11/100	180 .mg	10/100)
4,4'-METHYLENE-BIS(2-CHLOROANILINE) (3,3'-dichloro-4,4'-diaminodiphenylmethane, MOCA) 101-14-4										
3899	1030	.586mg	14.8mg	0/6	7.31mg	4/5			Stula;jept,1,31-50;1977	
a	1030	1.04mg	n.s.s.	0/6	7.31mg	3/5				
b	1030	2.29mg	n.s.s.	4/6	7.31mg	2/5				
3900	192m	17.1mg	223 .mg	0/21	50.0mg	6/21			Stula;txap,31,159-176;1975/pers.comm.	
a	192m	17.1mg	223 .mg	0/21	50.0mg	6/21				
b	192m	34.9mg	n.s.s.	0/21	50.0mg	2/21				
c	192m	47.4mg	n.s.s.	0/21	50.0mg	1/21				
3901	192n	21.4mg	60.5mg	0/44	50.0mg	27/44				
a	192n	141 .mg	n.s.s.	0/44	50.0mg	3/44				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	192n	174.mg	n.s.s.	0/44	50.0mg	2/44					
c	192n	233.mg	n.s.s.	0/44	50.0mg	1/44					
3902	192m	7.53mg	38.0mg	0/21	40.0mg	11/21					
a	192m	15.8mg	498.mg	0/21	40.0mg	5/21					
b	192m	15.8mg	498.mg	0/21	40.0mg	5/21					
3903	192n	25.0mg	79.2mg	0/44	40.0mg	21/44					
a	192n	117.mg	n.s.s.	0/44	40.0mg	3/44					
b	192n	117.mg	n.s.s.	0/44	40.0mg	3/44					
3904	1031m	15.7mg	28.6mg	1/100	7.53mg	23/100	15.1mg	28/75	34.0mg	35/50	Kommineni;jept,2,149-171;1979
a	1031m	21.5mg	41.1mg	0/100	7.53mg	14/100	15.1mg	20/75	34.0mg	31/50	
b	1031m	53.7mg	174.mg	1/100	7.53mg	5/100	15.1mg	8/75	34.0mg	14/50	
c	1031m	56.8mg	164.mg	0/100	7.53mg	3/100	15.1mg	3/75	34.0mg	18/50	
d	1031m	61.4mg	288.mg	1/100	7.53mg	8/100	15.1mg	5/75	34.0mg	11/50	
e	1031m	63.9mg	6.58gm	1/100	7.53mg	3/100	15.1mg	7/75	(34.0mg	1/50)	
f	1031m	109.mg	n.s.s.	1/100	7.53mg	4/100	15.1mg	7/75	34.0mg	2/50	
g	1031m	6.48mg	21.1mg	58/100	7.53mg	80/100	15.1mg	61/75	34.0mg	48/50	
3905	1031n	22.7mg	58.9mg	0/100	3.76mg	6/100	7.53mg	11/75	15.1mg	13/50	
a	1031n	35.0mg	127.mg	0/100	3.76mg	3/100	7.53mg	7/75	15.1mg	8/50	
b	1031n	54.5mg	298.mg	0/100	3.76mg	0/100	7.53mg	4/75	15.1mg	6/50	
c	1031n	58.3mg	337.mg	0/100	3.76mg	0/100	7.53mg	0/75	15.1mg	9/50	
d	1031n	70.1mg	1.51gm	0/100	3.76mg	1/100	7.53mg	3/75	15.1mg	3/50	
e	1031n	58.8mg	n.s.s.	1/100	3.76mg	2/100	7.53mg	4/75	15.1mg	4/50	
f	1031n	90.3mg	n.s.s.	1/100	3.76mg	0/100	7.53mg	1/75	15.1mg	4/50	
g	1031n	8.87mg	37.5mg	37/100	3.76mg	34/100	7.53mg	40/75	15.1mg	36/50	
3906	1018	8.23mg	32.9mg	0/25	29.9mg	18/22					Grundmann;zkko,74,28-39;1970
a	1018	22.5mg	352.mg	2/25	29.9mg	10/22					
b	1018	39.4mg	827.mg	0/25	29.9mg	5/22					
c	1018	5.53mg	25.9mg	2/25	29.9mg	20/22					
3907	1018	5.69mg	21.6mg	0/25	22.5mg	22/25					
a	1018	26.8mg	192.mg	0/25	22.5mg	8/25					
b	1018	4.52mg	18.4mg	0/25	22.5mg	23/25					
4,4'-METHYLENE-BIS(2-CHLOROANILINE).2HCL 64049-29-2											
3908	191	35.3mg	147.mg	0/20	117.mg	9/21	246.mg	7/14			Russfield;txap,31,47-54;1975
a	191	35.3mg	147.mg	0/20	117.mg	9/21	246.mg	7/14			
b	191	108.mg	n.s.s.	6/20	117.mg	3/21	246.mg	2/14			
c	191	26.1mg	196.mg	17/20	117.mg	16/21	246.mg	12/14			
3909	191	86.4mg	n.s.s.	5/18	108.mg	3/13	206.mg	4/20			
a	191	112.mg	n.s.s.	3/18	108.mg	4/13	206.mg	4/20			
b	191	28.0mg	n.s.s.	12/18	108.mg	7/13	206.mg	16/20			
3910	191	18.6mg	n.s.s.	1/22	18.0mg	1/22	31.3mg	4/19			
a	191	6.57mg	n.s.s.	14/22	18.0mg	13/22	31.3mg	14/19			
4,4'-METHYLENE-BIS(2-METHYLANILINE) 838-88-0											
3911	192	4.58mg	15.4mg	0/44	10.5mg	19/44					Stula;txap,31,159-176;1975/pers.comm.
a	192	12.4mg	187.mg	0/44	10.5mg	6/44					
b	192	23.7mg	n.s.s.	0/44	10.5mg	2/44					
3912	192	3.58mg	19.2mg	1/44	8.49mg	14/44					
a	192	3.97mg	37.4mg	2/44	8.49mg	13/44					
b	192	5.61mg	41.8mg	0/44	8.49mg	8/44					
c	192	6.92mg	104.mg	0/44	8.49mg	6/44					
d	192	10.7mg	n.s.s.	0/44	8.49mg	3/44					
METHYLENE CHLORIDE (dichloromethane, Freon 30) 75-09-2											
3913	TR306	568.mg	1.28gm	5/50	2.14gm	36/50	4.28gm	46/50			liv:hpa,hpc; lun:a/a,a/c. C
a	TR306	635.mg	1.43gm	3/50	2.14gm	30/50	4.28gm	41/50			lun:a/a,a/c.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code				
b	TR306	938.mg	2.39gm	2/50	2.14gm	23/50	4.28gm	28/50							
c	TR306	956.mg	2.31gm	3/50	2.14gm	16/50	4.28gm	40/50			liv:hpa,hpc.				
d	TR306	1.10gm	2.81gm	1/50	2.14gm	13/50	4.28gm	29/50							
e	TR306	1.20gm	3.04gm	1/50	2.14gm	11/50	4.28gm	32/50							
f	TR306	1.85gm	6.50gm	2/50	2.14gm	6/50	4.28gm	22/50							
g	TR306	5.11gm	n.s.s.	1/50	2.14gm	1/50	4.28gm	4/50			S				
h	TR306	652.mg	1.93gm	18/50	2.14gm	41/50	4.28gm	47/50							
i	TR306	956.mg	2.31gm	3/50	2.14gm	16/50	4.28gm	40/50			liv:hpa,hpc,nnd.				
j	TR306	635.mg	1.43gm	3/50	2.14gm	30/50	4.28gm	41/50			lun:a/a,a/c.				
3914	2117m	676.mg	4.60gm	5/67	546.mg	21/68					Kari;carc,14,819-826;1993				
a	2117m	820.mg	8.84gm	4/67	546.mg	17/68									
b	2117m	681.mg	n.s.s.	18/67	546.mg	27/67									
c	2117m	978.mg	n.s.s.	8/67	546.mg	16/67									
d	2117m	1.41gm	n.s.s.	1/67	546.mg	8/68									
e	2117m	1.30gm	n.s.s.	11/67	546.mg	14/67									
3915	2117n	521.mg	1.37gm	5/67	1.09gm	40/63									
a	2117n	609.mg	1.66gm	4/67	1.09gm	36/63									
b	2117n	1.88gm	13.1gm	1/67	1.09gm	12/63									
c	2117n	1.18gm	n.s.s.	18/67	1.09gm	28/64									
d	2117n	1.77gm	n.s.s.	11/67	1.09gm	18/64									
e	2117n	2.12gm	n.s.s.	8/67	1.09gm	14/64									
3916	2117o	971.mg	2.68gm	5/67	1.64gm	38/68									
a	2117o	986.mg	4.73gm	18/67	1.64gm	42/68									
b	2117o	1.54gm	8.13gm	8/67	1.64gm	28/68									
c	2117o	1.63gm	6.56gm	4/67	1.64gm	25/68									
d	2117o	2.04gm	7.83gm	1/67	1.64gm	19/68									
e	2117o	1.92gm	87.8gm	11/67	1.64gm	25/68									
3917	2117r	1.08gm	2.77gm	5/67	2.18gm	42/67									
a	2117r	1.05gm	3.74gm	18/67	2.18gm	47/68									
b	2117r	1.65gm	5.13gm	4/67	2.18gm	31/67									
c	2117r	1.60gm	6.83gm	11/67	2.18gm	35/68									
d	2117r	2.50gm	23.3gm	8/67	2.18gm	24/68									
e	2117r	2.81gm	11.3gm	1/67	2.18gm	18/67									
3918	TR306	630.mg	1.46gm	5/50	1.79gm	27/50	3.57gm	40/50			lun:a/a,a/c.				
a	TR306	672.mg	2.27gm	27/50	1.79gm	35/50	3.57gm	45/50			liv:hpa,hpc; lun:a/a,a/c. C				
b	TR306	1.08gm	2.98gm	3/50	1.79gm	19/50	3.57gm	24/50							
c	TR306	1.09gm	2.95gm	2/50	1.79gm	10/50	3.57gm	28/50							
d	TR306	1.01gm	4.99gm	22/50	1.79gm	24/50	3.57gm	33/50			liv:hpa,hpc.				
e	TR306	1.49gm	7.70gm	13/50	1.79gm	15/50	3.57gm	26/50							
f	TR306	1.68gm	23.5gm	10/50	1.79gm	14/50	3.57gm	14/50							
g	TR306	4.78gm	n.s.s.	1/50	1.79gm	2/50	3.57gm	5/50			S				
h	TR306	4.82gm	n.s.s.	2/50	1.79gm	2/50	3.57gm	6/50			---:hem,hes. S				
i	TR306	688.mg	2.76gm	34/50	1.79gm	37/50	3.57gm	46/50							
j	TR306	1.01gm	4.99gm	22/50	1.79gm	24/50	3.57gm	33/50			liv:hpa,hpc,nnd.				
k	TR306	630.mg	1.46gm	5/50	1.79gm	27/50	3.57gm	40/50			lun:a/a,a/c.				
3919	1802	540.mg	n.s.s.	24/125	60.0mg	51/200	125.mg	30/100	185.mg	31/99	250.mg	35/125			Serota;fctx,24,959-963;1986
a	1802	815.mg	n.s.s.	14/125	60.0mg	33/200	125.mg	18/100	185.mg	17/99	250.mg	23/125			
b	1802	1.01gm	n.s.s.	10/125	60.0mg	20/200	125.mg	14/100	185.mg	14/99	250.mg	15/125			
c	1802	825.mg	n.s.s.	0/125	60.0mg	0/200	125.mg	0/100	185.mg	0/99	250.mg	0/125			
3920	BT3003	502.mg	n.s.s.	10/60	39.6mg	8/50	198.mg	9/50							Maltoni;anya,534,352-366;1988
a	BT3003	340.mg	n.s.s.	0/60	39.6mg	0/50	198.mg	0/50							
b	BT3003	586.mg	n.s.s.	15/60	39.6mg	8/50	198.mg	10/50							
c	BT3003	427.mg	n.s.s.	31/60	39.6mg	17/50	198.mg	20/50							
3921	BT3003	345.mg	n.s.s.	3/60	39.6mg	6/50	198.mg	9/50							
a	BT3003	1.27gm	n.s.s.	5/60	39.6mg	2/50	198.mg	2/50							
b	BT3003	1.18gm	n.s.s.	12/60	39.6mg	4/50	198.mg	4/50							

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc						Citation or Pathology	Brkly Code
c	BT3003	477.mg	n.s.s.	18/60	39.6mg	10/50	198.mg	13/50							
3922	TR306	361.mg	1.36gm	5/50	255.mg	11/50	510.mg	13/50	1.02gm	23/50				mgl:adn, fba.	
a	TR306	371.mg	1.57gm	6/50	255.mg	13/50	510.mg	14/50	1.02gm	23/50				mgl:acn, adn, fba.	S
b	TR306	378.mg	1.49gm	5/50	255.mg	11/50	510.mg	13/50	1.02gm	22/50					
c	TR306	385.mg	1.80gm	7/50	255.mg	13/50	510.mg	14/50	1.02gm	23/50				mgl:acn, adn, fba, mtm.	S
d	TR306	578.mg	n.s.s.	17/50	255.mg	17/50	510.mg	23/50	1.02gm	23/50					S
e	TR306	1.56gm	n.s.s.	2/50	255.mg	1/50	510.mg	4/50	1.02gm	5/50				liv:hpc, nnd.	S
f	TR306	244.mg	8.34gm	41/50	255.mg	46/50	510.mg	48/50	1.02gm	48/50					
g	TR306	1.56gm	n.s.s.	2/50	255.mg	1/50	510.mg	4/50	1.02gm	5/50				liv:hpa, hpc, nnd.	
3923	1801m	9.99mg	n.s.s.	0/20	5.00mg	0/20	50.0mg	0/20	125.mg	0/20	250.mg	0/20		Serota; fctx, 24, 951-958; 1986	
3924	1801n	379.mg	n.s.s.	0/100	188.mg	2/25									
a	1801n	379.mg	n.s.s.	0/100	188.mg	2/25									
b	1801n	966.mg	n.s.s.	0/100	188.mg	0/25									
3925	1801o	638.mg	10.1gm	0/100	5.00mg	1/50	50.0mg	4/50	125.mg	1/50	250.mg	6/50			
a	1801o	880.mg	n.s.s.	0/100	5.00mg	1/50	50.0mg	2/50	125.mg	1/50	250.mg	4/50			
b	1801o	1.25gm	n.s.s.	0/100	5.00mg	0/50	50.0mg	2/50	125.mg	0/50	250.mg	2/50			
3926	TR306	477.mg	2.17gm	0/50	179.mg	1/50	357.mg	4/50	714.mg	9/50				mgl:adn, fba; sub: fib.	
a	TR306	686.mg	16.1gm	0/50	179.mg	2/50	357.mg	5/50	714.mg	4/50				mul:men, msm; tnv:men, msm.	S
b	TR306	693.mg	7.00gm	0/50	179.mg	0/50	357.mg	2/50	714.mg	5/50				mgl:adn, fba.	
c	TR306	739.mg	12.2gm	0/50	179.mg	1/50	357.mg	4/50	714.mg	4/50				tnv:men, msm.	S
d	TR306	716.mg	11.2gm	0/50	179.mg	0/50	357.mg	2/50	714.mg	4/50					
e	TR306	853.mg	11.1gm	0/50	179.mg	1/50	357.mg	2/50	714.mg	5/50				sub: fib, srn.	S
f	TR306	892.mg	28.3gm	0/50	179.mg	1/50	357.mg	2/50	714.mg	4/50					S
g	TR306	1.34gm	n.s.s.	0/50	179.mg	1/50	357.mg	0/50	714.mg	3/50					S
h	TR306	186.mg	n.s.s.	46/50	179.mg	48/50	357.mg	49/50	714.mg	48/50					
i	TR306	1.43gm	n.s.s.	2/50	179.mg	2/50	357.mg	4/50	714.mg	1/50				liv:hpa, hpc, nnd.	
3927	1801m	489.mg	n.s.s.	0/20	5.00mg	1/20	50.0mg	2/20	125.mg	1/20	250.mg	0/20		Serota; fctx, 24, 951-958; 1986	
3928	1801n	307.mg	n.s.s.	9/100	188.mg	4/25									
a	1801n	341.mg	n.s.s.	13/100	188.mg	4/25									
b	1801n	966.mg	n.s.s.	4/100	188.mg	0/25									
3929	1801o	2.41gm	n.s.s.	13/100	5.00mg	1/50	50.0mg	1/50	125.mg	2/50	250.mg	2/50			
a	1801o	2.58gm	n.s.s.	9/100	5.00mg	1/50	50.0mg	1/50	125.mg	2/50	250.mg	1/50			
b	1801o	3.01gm	n.s.s.	4/100	5.00mg	0/50	50.0mg	0/50	125.mg	0/50	250.mg	1/50			
3930	BT3002	403.mg	n.s.s.	4/50	39.6mg	3/50	198.mg	9/50						Maltoni; anya, 534, 352-366; 1988	
a	BT3002	151.mg	n.s.s.	28/50	39.6mg	37/50	198.mg	33/50							
b	BT3002	320.mg	n.s.s.	14/50	39.6mg	12/50	198.mg	16/50							
c	BT3002	141.mg	n.s.s.	39/50	39.6mg	41/50	198.mg	39/50							
3931	BT4005	17.7mg	1.23gm	24/60	29.4mg	35/54									
a	BT4005	13.6mg	n.s.s.	35/60	29.4mg	42/54									
b	BT4005	70.6mg	n.s.s.	9/60	29.4mg	10/54									
3932	BT3002	47.0mg	n.s.s.	37/50	39.6mg	33/50	(198.mg	22/50)							
a	BT3002	68.6mg	n.s.s.	15/50	39.6mg	16/50	(198.mg	6/50)							
3933	1600	627.mg	n.s.s.	79/96	130.mg	81/95	390.mg	80/96	910.mg	83/97				Burek; faat, 4, 30-47; 1984/pers. comm.	
a	1600	1.25gm	n.s.s.	34/96	130.mg	24/95	390.mg	30/96	(910.mg	16/97)					
3934	1890m	84.1mg	n.s.s.	51/69	13.0mg	57/69	52.0mg	60/69	130.mg	55/69				Nitschke; faat, 11, 48-59; 1988/pers. comm.	
a	1890m	93.8mg	n.s.s.	52/70	13.0mg	58/70	52.0mg	61/70	130.mg	55/70					
b	1890m	1.52gm	n.s.s.	0/70	13.0mg	0/70	52.0mg	1/70	130.mg	0/70					
c	1890m	1.09gm	n.s.s.	1/70	13.0mg	0/70	52.0mg	2/70	130.mg	1/70					
d	1890m	813.mg	n.s.s.	4/70	13.0mg	4/70	52.0mg	3/70	130.mg	4/70					
e	1890m	859.mg	n.s.s.	3/69	13.0mg	5/69	52.0mg	4/69	130.mg	3/69					
3935	1890n	11.8mg	n.s.s.	51/69	65.0mg	23/25									
a	1890n	11.9mg	n.s.s.	52/70	65.0mg	23/25									
b	1890n	149.mg	n.s.s.	3/69	65.0mg	2/25									
c	1890n	220.mg	n.s.s.	4/70	65.0mg	1/25									
d	1890n	335.mg	n.s.s.	1/70	65.0mg	0/25									
3936	1600	2.28gm	12.1gm	1/92	91.0mg	0/95	273.mg	5/95	637.mg	11/97				Burek; faat, 4, 30-47; 1984/pers. comm.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	1600	2.17gm	n.s.s.	7/92	91.0mg	3/95	273.mg	7/95	637.mg	14/97		
3937	1890m	66.5mg	n.s.s.	0/70	9.10mg	0/70	36.4mg	0/70	91.0mg	0/70	Nitschke;faat,11,48-59;1988/pers.comm.	
4,4'-METHYLENEBIS (N,N-DIMETHYL) BENZENAMINE					101-61-1							
3938	TR186	126.mg	1.14gm	1/20	139.mg	19/50	278.mg	23/50				liv:hpa,hpc.
a	TR186	122.mg	n.s.s.	6/20	139.mg	26/50	278.mg	30/50				
b	TR186	126.mg	1.14gm	1/20	139.mg	19/50	278.mg	23/50				liv:hpa,hpc,nnd.
c	TR186	328.mg	n.s.s.	0/20	139.mg	3/50	(278.mg	0/50)				lun:a/a,a/c.
3939	TR186	140.mg	n.s.s.	7/20	128.mg	24/50	257.mg	31/50				
a	TR186	216.mg	n.s.s.	5/20	128.mg	12/50	257.mg	22/50				liv:hpa,hpc,nnd.
b	TR186	437.mg	n.s.s.	1/20	128.mg	6/50	257.mg	7/50				lun:a/a,a/c.
3940	TR186	11.2mg	25.8mg	0/20	11.0mg	4/50	21.0mg	36/50				thy:fca,fcc.
a	TR186	17.4mg	51.4mg	0/20	11.0mg	3/50	21.0mg	23/50				
b	TR186	70.2mg	n.s.s.	0/20	11.0mg	0/50	21.0mg	4/50				S
c	TR186	10.8mg	n.s.s.	17/20	11.0mg	33/50	21.0mg	44/50				
d	TR186	70.2mg	n.s.s.	0/20	11.0mg	0/50	21.0mg	4/50				liv:hpa,hpc,nnd.
3941	TR186	10.7mg	33.5mg	1/20	8.80mg	4/50	16.8mg	34/50				thy:fca,fcc.
a	TR186	16.5mg	117.mg	1/20	8.80mg	4/50	16.8mg	21/50				
b	TR186	10.2mg	n.s.s.	14/20	8.80mg	29/50	16.8mg	44/50				
c	TR186	76.0mg	n.s.s.	3/20	8.80mg	5/50	16.8mg	3/50				liv:hpa,hpc,nnd.
2,2'-METHYLENEBIS (4-METHYL-6-tert-BUTYLPHENOL)					119-47-1							
3942	2335m	.899mg	n.s.s.	0/5	5.00mg	0/5	15.0mg	0/5	50.0mg	0/5	Takagi;jtxs,19,77-89;1994/pers.comm.	
3943	2335n	7.71mg	n.s.s.	0/20	5.00mg	0/19	15.0mg	0/19	50.0mg	0/20		
3944	2335m	7.20mg	n.s.s.	0/5	4.00mg	0/5	12.0mg	0/5	40.0mg	1/5		
a	2335m	.719mg	n.s.s.	0/5	4.00mg	0/5	12.0mg	0/5	40.0mg	0/5		
3945	2335n	3.30mg	n.s.s.	15/20	4.00mg	11/20	12.0mg	15/20	(40.0mg	0/20)		
a	2335n	114.mg	n.s.s.	1/20	4.00mg	1/20	12.0mg	0/20	40.0mg	0/20		
4,4'-METHYLENEDIANILINE.2HCl					13552-44-8							
3946	TR248	19.1mg	95.5mg	16/50	29.4mg	36/50	59.1mg	44/50			---:mlh,mlm,mlu,mno;	liv:hpa,hpc; thy:fca. C
a	TR248	35.2mg	162.mg	4/50	29.4mg	15/50	59.1mg	23/50				liv:hpa,hpc.
b	TR248	32.7mg	1.16gm	13/50	29.4mg	28/50	59.1mg	29/50			---:mlh,mlm,mlu,mno.	
c	TR248	71.6mg	265.mg	0/50	29.4mg	1/50	59.1mg	15/50				thy:fca,fcc. S
d	TR248	72.0mg	611.mg	1/50	29.4mg	6/50	59.1mg	11/50				
e	TR248	80.7mg	338.mg	0/50	29.4mg	1/50	59.1mg	13/50				
f	TR248	65.1mg	n.s.s.	3/50	29.4mg	9/50	59.1mg	12/50				
g	TR248	109.mg	n.s.s.	2/50	29.4mg	3/50	59.1mg	8/50				lun:a/a,a/c. S
h	TR248	129.mg	n.s.s.	1/50	29.4mg	2/50	59.1mg	6/50				S
i	TR248	22.1mg	n.s.s.	32/50	29.4mg	47/50	59.1mg	47/50				
j	TR248	35.2mg	162.mg	4/50	29.4mg	15/50	59.1mg	23/50				liv:hpa,hpc,nnd.
k	TR248	109.mg	n.s.s.	2/50	29.4mg	3/50	59.1mg	8/50				lun:a/a,a/c.
3947	TR248	9.07mg	65.8mg	17/50	24.5mg	43/50	(49.5mg	37/50)				liv:hpa,hpc. S
a	TR248	12.1mg	75.5mg	10/50	24.5mg	33/50	(49.5mg	29/50)				
b	TR248	17.1mg	78.7mg	12/50	24.5mg	36/50	49.5mg	34/50			adr:phe; liv:hpc; thy:fca. C	
c	TR248	39.7mg	231.mg	2/50	24.5mg	12/50	49.5mg	14/50				
d	TR248	51.4mg	172.mg	0/50	24.5mg	3/50	49.5mg	16/50				
e	TR248	19.1mg	n.s.s.	37/50	24.5mg	47/50	49.5mg	45/50				
f	TR248	9.07mg	65.8mg	17/50	24.5mg	43/50	(49.5mg	37/50)				liv:hpa,hpc,nnd.
g	TR248	168.mg	n.s.s.	13/50	24.5mg	12/50	49.5mg	4/50				lun:a/a,a/c.
3948	TR248	13.9mg	38.4mg	0/50	8.41mg	5/50	16.7mg	22/50				thy:cca,fca. C
a	TR248	16.6mg	50.3mg	0/50	8.41mg	4/50	16.7mg	19/50				thy:fca,fcc. S
b	TR248	19.5mg	66.1mg	0/50	8.41mg	2/50	16.7mg	17/50				
c	TR248	34.7mg	873.mg	0/50	8.41mg	3/50	16.7mg	6/50				
d	TR248	30.6mg	n.s.s.	1/50	8.41mg	5/50	16.7mg	7/50				thy:cca,ccr. S
e	TR248	10.6mg	n.s.s.	43/50	8.41mg	48/50	16.7mg	49/50				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
f	TR248	31.5mg	n.s.s.	4/50	8.41mg	8/50	16.7mg	8/50			liv:hpa,hpc,nd.
3949	TR248	8.33mg	22.0mg	1/50	7.36mg	12/50	14.7mg	29/50			liv:nd; thy:fcc. C
a	TR248	9.35mg	27.1mg	1/50	7.36mg	12/50	14.7mg	25/50			
b	TR248	24.4mg	535.mg	1/50	7.36mg	4/50	14.7mg	10/50			thy:fca,fcc. S
c	TR248	36.9mg	422.mg	0/50	7.36mg	0/50	14.7mg	7/50			
d	TR248	15.3mg	n.s.s.	45/50	7.36mg	42/50	14.7mg	40/50			
e	TR248	9.22mg	26.6mg	1/50	7.36mg	13/50	14.7mg	25/50			liv:hpa,hpc,nd.
METHYLETHYLKETOXIME 96-29-7											
3950	2654	843.mg	n.s.s.	0/50	16.8mg	0/50	84.0mg	1/50	419.mg	3/50	Newton;intx,13,1093-1116;2001
a	2654	633.mg	n.s.s.	6/50	16.8mg	5/50	84.0mg	8/50	419.mg	7/50	
3951	2654	362.mg	4.35gm	2/50	14.0mg	2/50	70.0mg	1/50	349.mg	10/50	
a	2654	220.mg	n.s.s.	6/50	14.0mg	13/50	70.0mg	11/50	349.mg	18/50	
b	2654	315.mg	n.s.s.	9/50	14.0mg	10/50	70.0mg	10/50	349.mg	14/50	
c	2654	356.mg	n.s.s.	4/50	14.0mg	11/50	70.0mg	10/50	349.mg	11/50	
3952	2654	328.mg	10.7gm	0/50	4.00mg	0/50	20.0mg	2/50	99.7mg	4/50	
3953	2654	49.2mg	122.mg	0/50	2.80mg	2/50	14.0mg	6/50	69.8mg	27/50	
a	2654	72.4mg	243.mg	0/50	2.80mg	2/50	14.0mg	5/50	69.8mg	18/50	
b	2654	127.mg	546.mg	0/50	2.80mg	0/50	14.0mg	1/50	69.8mg	12/50	
c	2654	146.mg	6.16gm	2/50	2.80mg	2/50	14.0mg	4/50	69.8mg	9/50	
d	2654	34.1mg	n.s.s.	1/50	2.80mg	3/50	14.0mg	7/50	(69.8mg)	2/50	
METHYLEUGENOL 93-15-2											
3954	TR491	10.5mg	21.7mg	7/50	26.4mg	38/50	53.6mg	48/50	107.mg	49/50	liv:hpb,hpc. S
a	TR491	10.7mg	22.4mg	7/50	26.4mg	37/50	53.6mg	47/50	107.mg	47/50	
b	TR491	10.6mg	27.7mg	25/50	26.4mg	50/50	53.6mg	49/50	107.mg	49/50	liv:hpa,hpb,hpc.
c	TR491	10.6mg	27.7mg	25/50	26.4mg	50/50	53.6mg	49/50	107.mg	49/50	liv:hpa,hpc.
d	TR491	10.6mg	27.7mg	25/50	26.4mg	50/50	53.6mg	49/50	107.mg	49/50	liv:hcc,hpa,hpb,hpc. C
e	TR491	10.6mg	27.7mg	25/50	26.4mg	50/50	53.6mg	49/50	107.mg	49/50	liv:hpa,hpb,hpc. S
f	TR491	11.9mg	32.7mg	20/50	26.4mg	48/50	53.6mg	46/50	107.mg	41/50	
g	TR491	33.2mg	93.6mg	0/50	26.4mg	6/50	53.6mg	11/50	107.mg	15/50	
h	TR491	32.2mg	611.mg	0/50	26.4mg	5/50	(53.6mg)	1/50	107.mg	0/50	S
i	TR491	399.mg	n.s.s.	0/50	26.4mg	0/50	53.6mg	0/50	107.mg	2/50	
j	TR491	13.0mg	45.4mg	41/50	26.4mg	50/50	53.6mg	49/50	107.mg	49/50	
k	TR491	10.6mg	27.7mg	25/50	26.4mg	50/50	53.6mg	49/50	107.mg	49/50	liv:hpa,hpb,hpc.
l	TR491	298.mg	n.s.s.	7/50	26.4mg	4/50	53.6mg	1/50	107.mg	2/50	lun:a/a,a/c.
3955	TR491	10.3mg	n.s.s.	26/50	26.4mg	43/50	(53.6mg)	38/50	107.mg	39/50	S
a	TR491	10.6mg	n.s.s.	31/50	26.4mg	47/50	(53.6mg)	46/50	107.mg	40/50	liv:hpa,hpc.
b	TR491	10.6mg	n.s.s.	31/50	26.4mg	47/50	(53.6mg)	46/50	107.mg	41/50	liv:hpa,hpb,hpc. C
c	TR491	10.6mg	n.s.s.	31/50	26.4mg	47/50	(53.6mg)	46/50	107.mg	41/50	liv:hpa,hpb,hpc; stg:nem. M
d	TR491	438.mg	n.s.s.	0/50	26.4mg	0/50	53.6mg	1/50	107.mg	3/50	
e	TR491	566.mg	n.s.s.	0/50	26.4mg	0/50	53.6mg	0/50	107.mg	2/50	
f	TR491	55.3mg	n.s.s.	41/50	26.4mg	48/50	53.6mg	49/50	107.mg	45/50	
g	TR491	10.6mg	n.s.s.	31/50	26.4mg	47/50	(53.6mg)	46/50	107.mg	41/50	liv:hpa,hpb,hpc.
h	TR491	93.4mg	n.s.s.	15/50	26.4mg	13/50	53.6mg	25/50	107.mg	20/50	lun:a/a,a/c.
3956	TR491	18.4mg	36.1mg	1/50	26.4mg	9/50	53.6mg	29/50	107.mg	44/50	liv:hpa,hpc; stg:neb,nem. C
a	TR491	24.3mg	50.0mg	0/50	26.4mg	1/50	53.6mg	25/50	107.mg	34/50	stg:neb,nem.
b	TR491	27.7mg	63.2mg	1/50	26.4mg	8/50	53.6mg	14/50	107.mg	34/50	liv:hpa,hpc.
c	TR491	30.1mg	70.9mg	1/50	26.4mg	8/50	53.6mg	11/50	107.mg	33/50	
d	TR491	36.3mg	87.2mg	0/50	26.4mg	1/50	53.6mg	12/50	107.mg	26/50	
e	TR491	52.4mg	233.mg	0/50	26.4mg	0/50	53.6mg	13/50	(107.mg)	9/50	
f	TR491	97.7mg	489.mg	0/50	26.4mg	0/50	53.6mg	4/50	107.mg	8/50	
g	TR491	188.mg	93.5gm	0/50	26.4mg	0/50	53.6mg	1/50	107.mg	3/50	for:sqc,sqp.
h	TR491	237.mg	n.s.s.	0/50	26.4mg	0/50	53.6mg	0/50	107.mg	3/50	liv:hcc,hch. S
i	TR491	27.0mg	n.s.s.	47/50	26.4mg	49/50	53.6mg	48/50	107.mg	47/50	
j	TR491	27.7mg	63.2mg	1/50	26.4mg	8/50	53.6mg	14/50	107.mg	34/50	liv:hpa,hpb,hpc.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
3957	TR491a	16.4mg	42.9mg	1/50	109.mg	43/50						
	a	TR491a	16.4mg	42.9mg	1/50	109.mg	43/50					liv:hpa,hpc.
	b	TR491a	16.4mg	41.7mg	0/50	109.mg	41/50					stg:neb,nem.
	c	TR491a	16.4mg	42.9mg	1/50	109.mg	43/50				liv:hcc,hch,hpa,hpc;	stg:neb,nem. C
	d	TR491a	16.9mg	45.1mg	0/50	109.mg	36/50					
	e	TR491a	36.6mg	120.mg	0/50	109.mg	22/50					
	f	TR491a	46.8mg	176.mg	0/50	109.mg	17/50					liv:hcc,hch.
	g	TR491a	77.5mg	503.mg	0/50	109.mg	9/50					
	h	TR491a	85.0mg	673.mg	0/50	109.mg	8/50					
	i	TR491a	197.mg	12.3gm	0/50	109.mg	5/50					
	j	TR491a	92.1mg	n.s.s.	1/50	109.mg	6/50					S
	k	TR491a	35.6mg	n.s.s.	47/50	109.mg	47/50					
	l	TR491a	16.4mg	42.9mg	1/50	109.mg	43/50					liv:hpa,hpb,hpc.
3958	TR491	9.63mg	22.1mg	12/50	26.4mg	28/50	53.6mg	39/50	107.mg	47/50	---:msm; liv:hcc,hch,hpa,hpc; mgl:fba; stg:neb, nem; sub: fbs, fib.	C
	a	TR491	14.4mg	32.8mg	7/50	26.4mg	14/50	53.6mg	28/50	107.mg	43/50	liv:hpa,hpc.
	b	TR491	16.6mg	38.8mg	5/50	26.4mg	12/50	53.6mg	23/50	107.mg	38/50	
	c	TR491	27.8mg	78.8mg	2/50	26.4mg	3/50	53.6mg	14/50	107.mg	25/50	
	d	TR491	26.0mg	109.mg	5/50	26.4mg	5/50	53.6mg	16/50	107.mg	13/50	mgl:ade,car,fba. S
	e	TR491	27.8mg	121.mg	5/50	26.4mg	5/50	53.6mg	15/50	107.mg	13/50	
	f	TR491	32.3mg	174.mg	1/50	26.4mg	13/50	53.6mg	8/50	107.mg	8/50	sub: fbs, fib, fih. S
	g	TR491	32.7mg	173.mg	1/50	26.4mg	12/50	53.6mg	8/50	107.mg	8/50	sub: fbs, fib.
	h	TR491	40.0mg	351.mg	1/50	26.4mg	9/50	53.6mg	8/50	107.mg	5/50	
	i	TR491	49.2mg	544.mg	3/50	26.4mg	2/50	53.6mg	6/50	107.mg	6/50	kid:rab,rua. S
	j	TR491	49.4mg	808.mg	4/50	26.4mg	2/50	53.6mg	6/50	107.mg	6/50	kid:rab,rua,ruc. S
	k	TR491	85.8mg	469.mg	1/50	26.4mg	3/50	53.6mg	5/50	107.mg	12/50	
	l	TR491	143.mg	1.14gm	0/50	26.4mg	0/50	53.6mg	0/50	107.mg	7/50	stg:neb,nem.
	m	TR491	169.mg	3.58gm	0/50	26.4mg	0/50	53.6mg	0/50	107.mg	4/50	S
	n	TR491	334.mg	n.s.s.	0/50	26.4mg	0/50	53.6mg	0/50	107.mg	3/50	S
	o	TR491	488.mg	n.s.s.	0/50	26.4mg	0/50	53.6mg	1/50	107.mg	2/50	liv:hcc,hch.
	p	TR491	685.mg	n.s.s.	0/50	26.4mg	0/50	53.6mg	1/50	107.mg	1/50	
	q	TR491	647.mg	n.s.s.	0/50	26.4mg	0/50	53.6mg	0/50	107.mg	1/50	
	r	TR491	11.4mg	43.0mg	48/50	26.4mg	48/50	53.6mg	48/50	107.mg	49/50	
	s	TR491	14.4mg	32.8mg	7/50	26.4mg	14/50	53.6mg	28/50	107.mg	43/50	liv:hpa,hpb,hpc.
3959	TR491	124.mg	1.95gm	4/50	26.4mg	6/50	53.6mg	17/50	107.mg	13/50		kid:rab,rua. S
	a	TR491	130.mg	15.1gm	5/50	26.4mg	6/50	53.6mg	17/50	107.mg	13/50	kid:rab,rua,ruc.
3960	TR491a	5.53mg	23.7mg	7/50	116.mg	45/50						liv:hpa,hpc.
	a	TR491a	5.77mg	24.4mg	9/50	116.mg	45/50					---:msm; liv:hcc,hch,hpa,hpc; stg:neb,nem; sub: fib. C
	b	TR491a	6.89mg	34.2mg	2/50	116.mg	36/50					
	c	TR491a	8.00mg	36.8mg	5/50	116.mg	32/50					
	d	TR491a	8.27mg	138.mg	4/50	116.mg	8/50					kid:rua,ruc. S
	e	TR491a	8.21mg	137.mg	3/50	116.mg	8/50					S
	f	TR491a	8.47mg	430.mg	0/50	116.mg	4/50					stg:neb,nem.
	g	TR491a	15.6mg	155.mg	0/50	116.mg	13/50					liv:hcc,hch.
	h	TR491a	16.2mg	298.mg	0/50	116.mg	7/50					
	i	TR491a	23.0mg	2.44gm	5/50	116.mg	6/50					S
	j	TR491a	16.8mg	1.64gm	0/50	116.mg	2/50					S
	k	TR491a	16.9mg	2.04gm	0/50	116.mg	2/50					S
	l	TR491a	30.6mg	9.96gm	1/50	116.mg	4/50					
	m	TR491a	124.mg	1.27gm	0/50	116.mg	6/50					
	n	TR491a	127.mg	n.s.s.	1/50	116.mg	5/50					
	o	TR491a	5.11mg	21.0mg	48/50	116.mg	46/50					
	p	TR491a	5.53mg	23.7mg	7/50	116.mg	45/50					liv:hpa,hpb,hpc.
3961	TR491a	86.7mg	485.mg	4/50	116.mg	20/50						S
	a	TR491a	88.8mg	620.mg	5/50	116.mg	20/50					kid:rua,ruc.

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
METHYLGUANIDINE 471-29-4										
3962	1471	13.5mg	n.s.s.	0/10	64.0mg	1/5		Matsukura;zkko,90,87-94;1977		
7-METHYLGUANINE 578-76-7										
3963	1443	2.03mg	n.s.s.	0/20	.565mg	2/30		Kruger;zkko,75,253-254;1971		
METHYLHYDRAZINE 60-34-4										
3964	194	8.53mg	31.7mg	0/85	13.6mg	16/47		Toth;canr,33,2744-2753;1973		
a	194	11.7mg	93.3mg	1/67	13.6mg	9/39				
b	194	12.9mg	132.mg	1/67	13.6mg	8/39				
c	194	9.28mg	418.mg	0/39	13.6mg	3/16				
d	194	48.4mg	n.s.s.	0/85	13.6mg	1/47				
3965	194	5.72mg	16.0mg	0/72	12.0mg	27/48				
a	194	17.1mg	359.mg	1/59	12.0mg	7/39				
b	194	19.2mg	4.28gm	1/59	12.0mg	6/39				
c	194	110.mg	n.s.s.	0/87	12.0mg	0/48				
3966	1117	8.03mg	558.mg	12/107	20.0mg	12/39		Toth;ijcn,9,109-118;1972/1969a		
a	1117	10.6mg	119.mg	0/34	20.0mg	7/39				
b	1117	11.9mg	247.mg	0/34	20.0mg	6/39				
c	1117	8.30mg	n.s.s.	14/107	20.0mg	12/39				
d	1117	15.5mg	n.s.s.	0/31	20.0mg	3/33				
3967	1117	1.43mg	24.5mg	0/45	16.7mg	4/6				
a	1117	2.10mg	52.8mg	0/45	16.7mg	3/6				
b	1117	4.45mg	44.8mg	10/91	16.7mg	11/24				
c	1117	6.79mg	167.mg	0/64	16.7mg	3/15				
METHYLHYDRAZINE SULFATE 302-15-8										
3968	1095	10.8mg	n.s.s.	8/85	10.4mg	1/25		Roe;natu,216,375-376;1967		
3969	1117	1.58mg	8.60mg	14/88	2.00mg	23/45		Toth;ijcn,9,109-118;1972/1969a		
a	1117	1.99mg	15.7mg	12/88	2.00mg	19/45				
b	1117	2.78mg	16.3mg	2/88	2.00mg	12/45				
c	1117	8.16mg	n.s.s.	3/88	2.00mg	3/45				
3970	1117	1.37mg	6.32mg	10/86	1.67mg	23/48				
a	1117	1.54mg	8.52mg	10/86	1.67mg	21/48				
b	1117	4.57mg	57.4mg	0/86	1.67mg	5/48				
c	1117	3.12mg	n.s.s.	2/55	1.67mg	8/43				
d	1117	7.98mg	n.s.s.	2/41	1.67mg	2/41				
METHYLHYDROQUINONE 95-71-6										
3971	1950	455.mg	n.s.s.	0/10	588.mg	0/15		Hirose;canr,48,5310-5315;1988/pers.comm.		
a	1950	455.mg	n.s.s.	0/10	588.mg	0/15				
2-METHYLIMIDAZOLE 693-98-1										
3972	TR516	589.mg	n.s.s.	3/50	81.3mg	4/49	163.mg	6/49	325.mg	10/50
a	TR516	201.mg	n.s.s.	23/50	81.3mg	49/49	163.mg	33/49	325.mg	39/50
b	TR516	626.mg	n.s.s.	4/50	81.3mg	4/49	163.mg	6/49	325.mg	10/50
c	TR516	3.12gm	n.s.s.	4/50	81.3mg	4/49	163.mg	0/49	325.mg	1/50
3973	TR516	186.mg	6.01gm	4/50	75.0mg	8/50	150.mg	14/50	(325.mg	6/50)
a	TR516	189.mg	3.41gm	10/50	75.0mg	22/50	150.mg	22/50	325.mg	27/50
b	TR516	819.mg	7.08gm	0/50	75.0mg	1/50	150.mg	0/50	325.mg	7/50
c	TR516	231.mg	n.s.s.	10/50	75.0mg	22/50	150.mg	22/50	325.mg	22/50
d	TR516	289.mg	n.s.s.	7/50	75.0mg	14/50	150.mg	13/50	325.mg	18/50
e	TR516	180.mg	n.s.s.	50/50	75.0mg	34/50	150.mg	50/50	325.mg	46/50
f	TR516	231.mg	n.s.s.	10/50	75.0mg	22/50	150.mg	22/50	325.mg	22/50
g	TR516	863.mg	n.s.s.	14/50	75.0mg	9/50	150.mg	10/50	325.mg	9/50
3974	TR516	437.mg	3.20gm	1/50	50.0mg	1/50	125.mg	1/50	250.mg	11/50

liv:hpa,hpb,hpc.

lun:a/a,a/c.

S

liv:hpa,hpc; thy:fca. P

liv:hpa,hpc.

S

liv:hpa,hpb,hpc.

lun:a/a,a/c.

thy:fca,fcc.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	TR516	580.mg	149.gm	1/50	50.0mg	1/50	125.mg	1/50	250.mg	7/50	
b	TR516	793.mg	13.8gm	0/50	50.0mg	0/50	125.mg	0/50	250.mg	5/50	
c	TR516	707.mg	n.s.s.	1/50	50.0mg	0/50	125.mg	2/50	250.mg	4/50	
d	TR516	47.5mg	n.s.s.	48/50	50.0mg	45/50	125.mg	49/50	(250.mg)	38/50	
e	TR516	707.mg	n.s.s.	1/50	50.0mg	0/50	125.mg	2/50	250.mg	4/50	liv:hpa,hpb,hpc.
3975	TR516	233.mg	n.s.s.	2/50	12.0mg	2/50	40.0mg	2/50	120.mg	7/50	ski:bcc,ker,tri. S
a	TR516	258.mg	n.s.s.	0/50	12.0mg	1/50	40.0mg	3/50	120.mg	3/50	liv:hpa,hpc.
b	TR516	279.mg	n.s.s.	1/50	12.0mg	2/50	40.0mg	1/50	120.mg	5/50	thy:fca,fcc. S
c	TR516	350.mg	n.s.s.	0/50	12.0mg	0/50	40.0mg	1/50	120.mg	3/50	
d	TR516	65.4mg	n.s.s.	41/50	12.0mg	45/50	40.0mg	44/50	120.mg	46/50	
e	TR516	258.mg	n.s.s.	0/50	12.0mg	1/50	40.0mg	3/50	120.mg	3/50	liv:hpa,hpb,hpc.
1-METHYLNAPHTHALENE 90-12-0											
3976	2115	399.mg	n.s.s.	0/50	97.5mg	2/50	195.mg	4/50			Murata;faat,21,44-51;1993/pers.comm.
a	2115	983.mg	n.s.s.	0/50	97.5mg	0/50	195.mg	1/50			
b	2115	581.mg	n.s.s.	4/50	97.5mg	2/50	195.mg	4/50			
c	2115	1.12gm	n.s.s.	1/50	97.5mg	0/50	195.mg	1/50			
d	2115	543.mg	n.s.s.	5/50	97.5mg	2/50	195.mg	5/50			
e	2115	333.mg	n.s.s.	14/50	97.5mg	7/50	195.mg	13/50			
3977	2115	116.mg	610.mg	2/50	90.0mg	13/50	180.mg	15/50			
a	2115	133.mg	1.38gm	2/50	90.0mg	13/50	180.mg	12/50			
b	2115	555.mg	n.s.s.	0/50	90.0mg	0/50	180.mg	3/50			
c	2115	244.mg	n.s.s.	11/50	90.0mg	6/50	(180.mg)	3/50			
d	2115	1.31gm	n.s.s.	9/50	90.0mg	1/50	180.mg	1/50			
e	2115	170.mg	n.s.s.	17/50	90.0mg	20/50	180.mg	18/50			
2-METHYLNAPHTHALENE 91-57-6											
3978	2531	414.mg	n.s.s.	5/50	97.5mg	4/50	195.mg	6/50			Murata;faat,36,90-93;1997/1993/pers.comm.
a	2531	987.mg	n.s.s.	0/50	97.5mg	1/50	195.mg	0/50			
b	2531	290.mg	n.s.s.	12/50	97.5mg	10/50	195.mg	12/50			
3979	2531	88.0mg	n.s.s.	2/50	90.0mg	10/50	(180.mg)	6/50			
a	2531	243.mg	n.s.s.	2/50	90.0mg	9/50	180.mg	5/50			
b	2531	683.mg	n.s.s.	0/50	90.0mg	1/50	180.mg	1/50			
c	2531	524.mg	n.s.s.	10/50	90.0mg	6/50	180.mg	6/50			
d	2531	1.05gm	n.s.s.	9/50	90.0mg	2/50	180.mg	2/50			
e	2531	379.mg	n.s.s.	22/50	90.0mg	18/50	180.mg	13/50			
METHYLNITRAMINE (N-nitromethylamine) 598-57-2											
3980	1931	10.8mg	271.mg	0/10	5.43mg	0/10	10.9mg	5/10			Scherf;carc,10,1977-1981;1989/pers.comm.
a	1931	13.7mg	n.s.s.	0/10	5.43mg	3/10	10.9mg	1/10			
b	1931	27.9mg	n.s.s.	0/10	5.43mg	1/10	10.9mg	0/10			
3981	1931	5.72mg	39.8mg	0/10	5.43mg	2/10	10.9mg	7/10			
a	1931	6.31mg	265.mg	0/10	5.43mg	5/10	10.9mg	4/10			
b	1931	15.1mg	n.s.s.	0/10	5.43mg	2/10	10.9mg	1/10			
METHYLNITROSAMINO-N,N-DIMETHYLETHYLAMINE 23834-30-2											
3982	2111	1.18mg	7.91mg	0/12	5.38mg	9/12					Lijinsky;clet,63,101-107;1992
a	2111	3.22mg	n.s.s.	0/12	5.38mg	4/12					
b	2111	3.22mg	n.s.s.	0/12	5.38mg	4/12					
c	2111	5.15mg	n.s.s.	0/12	5.38mg	2/12					
d	2111	7.16mg	n.s.s.	0/12	5.38mg	1/12					
3983	2111	2.33mg	50.2mg	0/12	4.74mg	5/12					
a	2111	3.52mg	n.s.s.	0/12	4.74mg	3/12					
b	2111	6.30mg	n.s.s.	0/12	4.74mg	1/12					
c	2111	6.30mg	n.s.s.	0/12	4.74mg	1/12					
d	2111	12.2mg	n.s.s.	0/12	4.74mg	0/12					

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
4- (METHYLNITROSAMINO) -1- (3-PYRIDYL) -1-BUTANOL 76014-81-8									
3984	1866	56.5ug	.199mg	6/80	.250mg	26/30		Rivenson; canr, 48, 6912-6917; 1988/pers. comm.	
a	1866	.203mg	1.07mg	2/80	.250mg	12/30			
b	1866	.265mg	1.76mg	1/80	.250mg	9/30			
c	1866	.294mg	2.29mg	1/80	.250mg	8/30			
d	1866	.413mg	4.54mg	0/80	.250mg	5/30			
e	1866	.479mg	7.65mg	0/80	.250mg	4/30			
f	1866	.445mg	n. s. s.	3/80	.250mg	5/30			
g	1866	.589mg	n. s. s.	1/80	.250mg	3/30			
h	1866	.954mg	n. s. s.	0/80	.250mg	1/30			
i	1866	.712mg	n. s. s.	6/80	.250mg	3/30			
j	1866	.935mg	n. s. s.	6/80	.250mg	2/30			
4- (METHYLNITROSAMINO) -1- (3-PYRIDYL) -1- (BUTANONE) (NNK) 64091-91-4									
3985	2209	.836mg	n. s. s.	0/10	.136mg	0/20	.409mg	1/20	Furukawa; clet, 86, 75-82; 1994
a	2209	.295mg	n. s. s.	0/10	.136mg	0/20	.409mg	0/20	
b	2209	.295mg	n. s. s.	0/10	.136mg	0/20	.409mg	0/20	
c	2209	.824mg	n. s. s.	1/10	.136mg	1/20	.409mg	1/20	
3986	1866	.123mg	.297mg	6/80	25.0ug	9/80	50.0ug	20/80	Rivenson; canr, 48, 6912-6917; 1988/pers. comm.
a	1866	.181mg	1.52mg	3/80	25.0ug	5/80	50.0ug	16/80	(.250mg 2/30)
b	1866	.241mg	5.70mg	1/80	25.0ug	5/80	50.0ug	9/80	(.250mg 2/30)
c	1866	.345mg	1.90mg	6/80	25.0ug	3/80	50.0ug	11/80	.250mg 12/30
d	1866	.375mg	1.53mg	2/80	25.0ug	3/80	50.0ug	4/80	.250mg 13/30
e	1866	.427mg	3.37mg	6/80	25.0ug	2/80	50.0ug	9/80	.250mg 10/30
f	1866	.677mg	4.26mg	1/80	25.0ug	0/80	50.0ug	0/80	.250mg 9/30
g	1866	.751mg	5.90mg	0/80	25.0ug	1/80	50.0ug	2/80	.250mg 5/30
h	1866	1.17mg	42.2mg	0/80	25.0ug	1/80	50.0ug	0/80	.250mg 3/30
i	1866	63.5ug	n. s. s.	9/80	25.0ug	21/80	(50.0ug 10/80)	.250mg	2/30
j	1866	1.04mg	n. s. s.	0/80	25.0ug	1/80	50.0ug	2/80	.250mg 2/30
k	1866	1.70mg	n. s. s.	0/80	25.0ug	0/80	50.0ug	1/80	.250mg 1/30
l	1866	.859mg	n. s. s.	1/80	25.0ug	5/80	50.0ug	8/80	.250mg 1/30
3987	2232	44.3ug	.124mg	1/18	.100mg	39/56			Hecht; cebp, 5, 645-652; 1996
a	2232	89.4ug	.304mg	0/18	.100mg	23/56			
b	2232	.138mg	n. s. s.	1/18	.100mg	16/56			
c	2232	.337mg	n. s. s.	0/16	.100mg	4/52			
d	2232	.364mg	n. s. s.	1/15	.100mg	5/55			
e	2232	.951mg	n. s. s.	3/16	.100mg	1/52			
f	2232	.463mg	n. s. s.	3/16	.100mg	5/52			
(N-6) - (METHYLNITROSO) ADENINE ---									
3988	1255	19.8mg	n. s. s.	1/16	20.6mg	5/20			Anderson; ijcn, 24, 319-322; 1979
a	1255	28.5mg	n. s. s.	3/16	20.6mg	4/20			
3989	1255	7.37mg	n. s. s.	4/21	17.1mg	11/19			
a	1255	13.8mg	n. s. s.	5/21	17.1mg	7/19			
(N-6) - (METHYLNITROSO) ADENOSINE 21928-82-5									
3990	1255	7.88mg	38.3mg	1/16	35.7mg	16/20			Anderson; ijcn, 24, 319-322; 1979
a	1255	8.22mg	58.0mg	3/16	35.7mg	16/20			
b	1255	13.7mg	101. mg	1/16	35.7mg	12/20			
c	1255	32.1mg	n. s. s.	0/16	35.7mg	5/20			
d	1255	89.9mg	n. s. s.	1/16	35.7mg	1/20			
3991	1255	9.65mg	115. mg	4/21	29.7mg	13/19			
a	1255	54.0mg	n. s. s.	5/21	29.7mg	3/19			

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
METHYLNITROSOXYANAMIDE 33868-17-6															
3992	1733	.283mg	.828mg	0/9	.573mg	2/12	1.08mg	12/15	2.23mg	15/15	4.39mg	14/14	Endo;pjpa,50,497-502;1974/pers.comm.		
a	1733	.713mg	2.02mg	0/9	.573mg	0/12	1.08mg	5/15	2.23mg	12/15	4.39mg	13/14			
N-METHYLOLACRYLAMIDE (N-(hydroxymethyl)-acrylamide) 924-42-5															
3993	TR352	15.8mg	89.4mg	14/50	17.5mg	20/50	35.0mg	37/50					hag:ade,anb; liv:hpa; lun:a/a,a/c; ova:gcb.	C	
a	TR352	25.3mg	141.mg	5/50	17.5mg	11/50	35.0mg	22/50					hag:ade,anb,car.	S	
b	TR352	29.9mg	222.mg	5/50	17.5mg	8/50	35.0mg	20/50					hag:ade,anb.		
c	TR352	35.6mg	241.mg	3/50	17.5mg	4/50	35.0mg	17/50							
d	TR352	35.7mg	2.08gm	6/50	17.5mg	7/50	35.0mg	17/50					liv:hpa,hpc.	S	
e	TR352	58.1mg	996.mg	0/50	17.5mg	5/50	35.0mg	5/50							
f	TR352	45.2mg	n.s.s.	6/50	17.5mg	8/50	35.0mg	13/50					lun:a/a,a/c.		
g	TR352	13.9mg	n.s.s.	33/50	17.5mg	41/50	35.0mg	47/50							
h	TR352	35.7mg	2.08gm	6/50	17.5mg	7/50	35.0mg	17/50					liv:hpa,hpc,nnd.		
i	TR352	45.2mg	n.s.s.	6/50	17.5mg	8/50	35.0mg	13/50					lun:a/a,a/c.		
3994	TR352	8.07mg	32.0mg	16/50	17.5mg	30/50	35.0mg	43/50					hag:ade; liv:hpa,hpc; lun:a/a,a/c.	C	
a	TR352	11.4mg	30.6mg	2/50	17.5mg	14/50	35.0mg	30/50					hag:ade,car.	S	
b	TR352	11.7mg	29.4mg	1/50	17.5mg	14/50	35.0mg	29/50							
c	TR352	15.2mg	186.mg	12/50	17.5mg	17/50	35.0mg	26/50					liv:hpa,hpc.		
d	TR352	20.4mg	163.mg	5/50	17.5mg	10/50	35.0mg	18/50					lun:a/a,a/c.		
e	TR352	23.3mg	1.15gm	8/50	17.5mg	4/50	35.0mg	19/50							S
f	TR352	30.7mg	2.27gm	3/50	17.5mg	6/50	35.0mg	11/50							S
g	TR352	35.1mg	897.mg	2/50	17.5mg	4/50	35.0mg	10/50							S
h	TR352	27.1mg	n.s.s.	6/50	17.5mg	13/50	35.0mg	12/50							S
i	TR352	10.2mg	n.s.s.	35/50	17.5mg	39/50	35.0mg	47/50							
j	TR352	15.2mg	186.mg	12/50	17.5mg	17/50	35.0mg	26/50					liv:hpa,hpc,nnd.		
k	TR352	20.4mg	163.mg	5/50	17.5mg	10/50	35.0mg	18/50					lun:a/a,a/c.		
3995	TR352	6.33mg	n.s.s.	45/50	4.20mg	36/50	8.41mg	42/50							
a	TR352	n.s.s.	n.s.s.	0/50	4.20mg	0/50	8.41mg	0/50					liv:hpa,hpc,nnd.		
3996	TR352	4.72mg	n.s.s.	1/50	4.20mg	6/50	(8.41mg	3/50)							S
a	TR352	5.39mg	n.s.s.	45/50	4.20mg	40/50	8.41mg	45/50							
b	TR352	11.0mg	n.s.s.	4/50	4.20mg	2/50	(8.41mg	0/50)					liv:hpa,hpc,nnd.		
METHYLPHENIDATE.HCl (ritalin) 298-59-9															
3997	TR439	48.4mg	380.mg	6/49	6.41mg	10/50	32.2mg	10/50	64.4mg	28/50					
a	TR439	49.0mg	607.mg	9/49	6.41mg	11/50	32.2mg	11/50	64.4mg	30/50			liv:hpa,hpc.		
b	TR439	119.mg	n.s.s.	1/49	6.41mg	1/50	32.2mg	6/50	64.4mg	7/50			lun:a/a,a/c.	S	
c	TR439	144.mg	n.s.s.	1/49	6.41mg	1/50	32.2mg	4/50	64.4mg	6/50					S
d	TR439	55.9mg	n.s.s.	34/49	6.41mg	35/50	32.2mg	40/50	64.4mg	41/50					
e	TR439	49.0mg	607.mg	9/49	6.41mg	11/50	32.2mg	11/50	64.4mg	30/50			liv:hpa,hpb,hpc.		
f	TR439	119.mg	n.s.s.	1/49	6.41mg	1/50	32.2mg	6/50	64.4mg	7/50			lun:a/a,a/c.		
3998	TR439	162.mg	8.06gm	0/50	5.90mg	1/50	29.6mg	1/50	59.5mg	5/50					
a	TR439	43.9mg	n.s.s.	24/50	5.90mg	23/50	29.6mg	26/50	59.5mg	34/50			liv:hpa,hpc.		
b	TR439	43.9mg	n.s.s.	24/50	5.90mg	23/50	29.6mg	26/50	59.5mg	34/50			liv:hpa,hpb,hpc.		
c	TR439	51.5mg	n.s.s.	18/50	5.90mg	18/50	29.6mg	16/50	59.5mg	29/50					
d	TR439	78.4mg	n.s.s.	10/50	5.90mg	10/50	29.6mg	18/50	59.5mg	14/50			liv:hpb,hpc.		
e	TR439	43.7mg	n.s.s.	41/50	5.90mg	35/50	29.6mg	33/50	59.5mg	43/50					
f	TR439	43.9mg	n.s.s.	24/50	5.90mg	23/50	29.6mg	26/50	59.5mg	34/50			liv:hpa,hpb,hpc.		
g	TR439	269.mg	n.s.s.	16/50	5.90mg	10/50	29.6mg	9/50	59.5mg	6/50			lun:a/a,a/c.		
3999	TR439	58.6mg	n.s.s.	46/50	4.93mg	47/50	24.7mg	45/50	49.6mg	43/50					
a	TR439	483.mg	n.s.s.	0/50	4.93mg	1/50	24.7mg	0/50	49.6mg	0/50			liv:hpa,hpb,hpc.		
4000	TR439	37.3mg	n.s.s.	43/50	3.97mg	36/50	19.9mg	36/50	39.9mg	41/51					
a	TR439	369.mg	n.s.s.	0/50	3.97mg	2/50	19.9mg	0/50	39.9mg	0/51			liv:hpa,hpb,hpc.		
6-METHYLQUINOLINE 91-62-3															
4001	1529	52.6mg	n.s.s.	3/44	25.0mg	5/37							Fukushima;clet,14,115-123;1981		

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc				Citation or Pathology	Brkly Code
4002	1529	42.5mg	n.s.s.	0/31	20.0mg	4/38						
8-METHYLQUINOLINE 611-32-5												
4003	1529	175.mg	n.s.s.	3/44	25.0mg	0/34					Fukushima;clet,14,115-123;1981	
4004	1529	78.3mg	n.s.s.	0/31	20.0mg	0/19						
p-METHYLSTYRENE 622-97-9												
4005	BT107	200.mg	n.s.s.	13/60	6.71mg	5/60	33.6mg	10/60	168.mg	15/60		Conti;anya,534,203-234;1988
a	BT107	42.6mg	n.s.s.	0/60	6.71mg	0/60	33.6mg	0/60	168.mg	0/60		
b	BT107	104.mg	n.s.s.	33/60	6.71mg	18/60	33.6mg	33/60	168.mg	33/60		
c	BT107	343.mg	n.s.s.	19/60	6.71mg	10/60	33.6mg	20/60	168.mg	13/60		
4006	BT107	262.mg	n.s.s.	7/60	6.71mg	5/60	33.6mg	7/60	168.mg	10/60		
a	BT107	793.mg	n.s.s.	5/60	6.71mg	4/60	33.6mg	6/60	168.mg	2/60		
b	BT107	583.mg	n.s.s.	12/60	6.71mg	7/60	33.6mg	9/60	168.mg	6/60		
c	BT107	320.mg	n.s.s.	20/60	6.71mg	14/60	33.6mg	18/60	168.mg	15/60		
METHYLTHIOURACIL 56-04-2												
4007	1385	22.1mg	507.mg	0/6	273.mg	7/12					Christov;zkko,77,171-179;1972	
4008	1630	337.mg	n.s.s.	0/9	375.mg	2/20					Jemec;canc,40,2188-2202;1977	
a	1630	869.mg	n.s.s.	0/9	375.mg	0/20						
METIAPINE 5800-19-1												
4009	200	38.9mg	n.s.s.	1/22	3.00mg	6/20	10.0mg	1/21	30.0mg	2/20		Gibson;txap,25,220-229;1973
4010	200	8.00mg	n.s.s.	3/18	3.00mg	7/20	10.0mg	3/19	(30.0mg)	0/20)		
METIRAM, TECHNICAL GRADE (WITH 2% ADDED ETHYLENETHIOUREA) 9006-42-2												
4011	2636	524.mg	n.s.s.	0/52	13.0mg	0/52	39.0mg	1/51	130.mg	2/52		Charles;faat,54,481-492;2000
a	2636	355.mg	n.s.s.	4/52	13.0mg	5/52	39.0mg	6/51	130.mg	5/52		
b	2636	377.mg	n.s.s.	2/52	13.0mg	6/52	39.0mg	5/51	130.mg	4/52		
c	2636	307.mg	n.s.s.	7/52	13.0mg	7/52	39.0mg	12/51	130.mg	7/52		
d	2636	112.mg	n.s.s.	32/52	13.0mg	32/52	39.0mg	36/51	130.mg	32/52		
4012	2636	181.mg	30.3gm	3/51	12.0mg	4/52	36.0mg	4/51	120.mg	11/52		
a	2636	175.mg	n.s.s.	9/51	12.0mg	14/52	36.0mg	14/51	120.mg	14/52		
b	2636	139.mg	n.s.s.	21/51	12.0mg	29/52	36.0mg	23/51	120.mg	25/52		
c	2636	351.mg	n.s.s.	14/51	12.0mg	13/52	36.0mg	14/51	120.mg	10/52		
d	2636	106.mg	n.s.s.	49/51	12.0mg	46/52	36.0mg	39/51	120.mg	43/52		
4013	2636	9.74mg	n.s.s.	29/50	.250mg	32/50	1.00mg	31/50	4.00mg	39/50	16.0mg	37/50
a	2636	149.mg	n.s.s.	0/50	.250mg	1/50	1.00mg	0/50	4.00mg	0/50	16.0mg	1/50
b	2636	165.mg	n.s.s.	3/50	.250mg	1/50	1.00mg	1/50	4.00mg	0/50	16.0mg	1/50
4014	2636	135.mg	n.s.s.	0/50	.200mg	1/50	.800mg	0/50	3.20mg	0/50	12.8mg	1/50
a	2636	149.mg	n.s.s.	2/50	.200mg	0/50	.800mg	0/50	3.20mg	2/50	12.8mg	0/50
b	2636	28.8mg	n.s.s.	17/50	.200mg	19/50	.800mg	27/50	3.20mg	22/50	12.8mg	20/50
METRONIDAZOLE 443-48-1												
4015	201	498.mg	3.54gm	14/65	78.0mg	4/10	195.mg	10/20	390.mg	14/19	650.mg	16/32
a	201	654.mg	6.48gm	16/68	78.0mg	3/10	195.mg	5/20	390.mg	10/19	650.mg	18/34
b	201	3.34gm	n.s.s.	2/53	78.0mg	0/10	195.mg	0/18	390.mg	2/19	650.mg	1/25
4016	201	217.mg	635.mg	13/67	72.0mg	3/8	180.mg	11/15	360.mg	12/16	600.mg	27/34
a	201	2.06gm	n.s.s.	6/64	72.0mg	0/8	180.mg	3/14	360.mg	3/16	600.mg	3/32
4017	200a	62.0mg	1.27gm	0/71	59.4mg	4/36						Cohen;jnci,51,403-417;1973
a	200a	229.mg	n.s.s.	0/71	59.4mg	0/36						
b	200a	24.3mg	n.s.s.	18/71	59.4mg	17/36						
4018	1064	231.mg	1.25gm	30/95	30.0mg	17/29	150.mg	14/28	300.mg	23/29		Rustia;jnci,63,863-868;1979
a	1064	232.mg	1.46gm	34/95	30.0mg	17/29	150.mg	15/28	300.mg	23/29		
b	1064	842.mg	5.46gm	0/58	30.0mg	0/28	150.mg	1/21	300.mg	7/25		
c	1064	1.54gm	n.s.s.	0/100	30.0mg	1/30	150.mg	3/30	300.mg	1/30		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
d	1064	855.mg	n.s.s.	13/100	30.0mg	9/30	150.mg	8/30	300.mg	7/30	
e	1064	761.mg	n.s.s.	61/100	30.0mg	24/30	150.mg	19/30	300.mg	17/30	
f	1064	53.2mg	720.mg	80/100	30.0mg	27/30	150.mg	28/30	300.mg	30/30	
4019	1064	338.mg	6.36gm	20/100	24.0mg	11/30	120.mg	10/30	240.mg	15/30	
a	1064	424.mg	178.gm	18/100	24.0mg	9/30	120.mg	6/30	240.mg	14/30	
b	1064	816.mg	n.s.s.	5/100	24.0mg	2/30	120.mg	5/30	240.mg	4/30	
c	1064	989.mg	n.s.s.	0/100	24.0mg	2/30	120.mg	1/30	240.mg	3/30	
d	1064	2.70gm	n.s.s.	2/100	24.0mg	0/30	120.mg	0/30	240.mg	1/30	
e	1064	112.mg	592.mg	47/100	24.0mg	22/30	120.mg	21/30	240.mg	27/30	
MEXACARBATE (zectran) 315-18-4											
4020	TR147	11.2mg	n.s.s.	5/20	7.50mg	16/50	(14.9mg	13/50)			
a	TR147	57.7mg	n.s.s.	1/20	7.50mg	1/50	14.9mg	3/50		liv:hpa,hpc,nnd.	
b	TR147	28.4mg	n.s.s.	1/20	7.50mg	2/50	(14.9mg	1/50)		lun:a/a,a/c.	
4021	1102	.885mg	n.s.s.	0/16	1.56mg	3/17				Innes;ntis,1968/1969	
a	1102	2.91mg	n.s.s.	0/16	1.56mg	0/17					
b	1102	.729mg	n.s.s.	0/16	1.56mg	4/17					
4022	TR147	45.5mg	n.s.s.	0/20	33.6mg	6/50	66.0mg	15/50		liv:hpa,hpc.	S
a	TR147	49.8mg	n.s.s.	0/20	33.6mg	4/50	66.0mg	15/50			S
b	TR147	20.2mg	n.s.s.	0/20	33.6mg	24/50	66.0mg	28/50			
c	TR147	45.5mg	n.s.s.	0/20	33.6mg	6/50	66.0mg	15/50		liv:hpa,hpc,nnd.	
d	TR147	109.mg	n.s.s.	0/20	33.6mg	3/50	66.0mg	4/50		lun:a/a,a/c.	
4023	TR147	72.2mg	n.s.s.	0/40p	33.6mg	6/50	66.0mg	7/50			S
a	TR147	105.mg	n.s.s.	0/40p	33.6mg	1/50	66.0mg	6/50			S
4024	1102	.533mg	14.0mg	0/16	1.45mg	5/16				Innes;ntis,1968/1969	
a	1102	.633mg	n.s.s.	0/16	1.45mg	4/16					
b	1102	.293mg	1.80mg	0/16	1.45mg	9/16					
4025	1102	2.91mg	n.s.s.	0/17	1.56mg	0/17					
a	1102	2.91mg	n.s.s.	1/17	1.56mg	0/17					
b	1102	1.93mg	n.s.s.	2/17	1.56mg	1/17					
4026	1102	1.14mg	n.s.s.	1/18	1.45mg	2/17					
a	1102	1.78mg	n.s.s.	2/18	1.45mg	1/17					
b	1102	1.06mg	n.s.s.	3/18	1.45mg	3/17					
4027	TR147	23.7mg	n.s.s.	12/20	11.9mg	33/50	23.6mg	28/50			
a	TR147	173.mg	n.s.s.	0/20	11.9mg	0/50	23.6mg	1/50		liv:hpa,hpc,nnd.	
4028	TR147	3.26mg	n.s.s.	6/20	5.80mg	21/50	(11.8mg	16/50)			
a	TR147	n.s.s.	n.s.s.	0/20	5.80mg	0/50	11.8mg	0/50		liv:hpa,hpc,nnd.	
MICHLER'S KETONE 90-94-8											
4029	TR181	40.5mg	77.0mg	0/20	139.mg	41/50	278.mg	49/50			liv:hpa,hpc.
a	TR181	79.2mg	168.mg	0/20	139.mg	16/50	278.mg	38/50			
b	TR181	45.6mg	159.mg	4/20	139.mg	43/50	278.mg	49/50			
c	TR181	40.5mg	77.0mg	0/20	139.mg	41/50	278.mg	49/50		liv:hpa,hpc,nnd.	
d	TR181	n.s.s.	n.s.s.	0/20	139.mg	0/50	278.mg	0/50		lun:a/a,a/c.	
4030	TR181	126.mg	349.mg	0/20	128.mg	5/50	257.mg	23/50		---:hem,hes.	
a	TR181	141.mg	425.mg	0/20	128.mg	5/50	257.mg	20/50			
b	TR181	331.mg	13.1gm	0/20	128.mg	2/50	257.mg	6/50		ski:fbs; sub:fbs,srn.	S
c	TR181	63.1mg	207.mg	7/20	128.mg	21/50	257.mg	39/50			
d	TR181	183.mg	n.s.s.	3/20	128.mg	8/50	257.mg	9/50		liv:hpa,hpc,nnd.	
e	TR181	310.mg	n.s.s.	2/20	128.mg	2/50	257.mg	4/50		lun:a/a,a/c.	
4031	TR181	3.53mg	6.86mg	0/20	18.0mg	46/50	37.0mg	48/50		liv:hpc,nnd.	
a	TR181	3.93mg	7.81mg	0/20	18.0mg	41/50	37.0mg	44/50			
b	TR181	4.06mg	10.1mg	7/20	18.0mg	47/50	37.0mg	48/50			
c	TR181	3.53mg	6.86mg	0/20	18.0mg	46/50	37.0mg	48/50		liv:hpa,hpc,nnd.	
4032	TR181	4.85mg	9.78mg	0/20	7.40mg	17/50	14.4mg	43/50		liv:hpc,nnd.	
a	TR181	6.24mg	13.3mg	0/20	7.40mg	9/50	14.4mg	40/50			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
b	TR181	4.74mg	16.3mg	5/20	7.40mg	26/50	14.4mg	48/50								
c	TR181	4.85mg	9.78mg	0/20	7.40mg	17/50	14.4mg	43/50								liv:hpa,hpc,ndd.
MIREX (1,1a,2,2,3,3a,4,5,5,5a,5b,6-dodecachlorooctahydro-1,3,4-metheno-1H-cyclobuta[cd]pentalene) 2385-85-5																
4033	202	.512mg	2.89mg	0/17	3.67mg	10/16								Innes;ntis,1968/1969		
a	202	5.18mg	n.s.s.	1/17	3.67mg	0/16										
b	202	.540mg	7.45mg	2/17	3.67mg	10/16										
4034	202	.718mg	n.s.s.	1/18	3.48mg	5/15										
a	202	3.34mg	n.s.s.	2/18	3.48mg	0/15										
b	202	.797mg	n.s.s.	3/18	3.48mg	5/15										
4035	202	.705mg	4.95mg	0/16	3.67mg	8/16										
a	202	5.32mg	n.s.s.	0/16	3.67mg	0/16										
b	202	.705mg	4.95mg	0/16	3.67mg	8/16										
4036	202	.641mg	6.13mg	0/16	3.48mg	7/18										
a	202	.738mg	11.2mg	0/16	3.48mg	6/18										
b	202	4.01mg	n.s.s.	0/16	3.48mg	0/18										
c	202	.641mg	6.13mg	0/16	3.48mg	7/18										
4037	TR313	2.69mg	n.s.s.	8/52	4.77ug	8/52	47.9ug	11/52	.481mg	14/52	1.21mg	18/52	2.41mg	18/52	mul:mnl; spl:mnl.	
a	TR313	1.75mg	n.s.s.	48/52	4.77ug	48/52	47.9ug	49/52	.481mg	47/52	1.21mg	50/52	2.41mg	49/52		
b	TR313	4.54mg	n.s.s.	10/52	4.77ug	5/52	47.9ug	4/52	.481mg	5/52	1.21mg	10/52	2.41mg	9/52	liv:hpa,hpc,ndd.	
4038	TR313a	2.17mg	5.50mg	2/52	2.45mg	23/52	4.95mg	31/52							liv:hpc,ndd.	
a	TR313a	2.19mg	5.67mg	2/52	2.45mg	23/52	4.95mg	30/52								
b	TR313a	2.11mg	7.24mg	8/52	2.45mg	25/52	4.95mg	37/52							liv:hpc,ndd; mul:mnl; spl:mnl. C	
c	TR313a	6.61mg	n.s.s.	6/52	2.45mg	9/52	4.95mg	14/52							mul:mnl; spl:mnl.	
d	TR313a	2.93mg	n.s.s.	49/52	2.45mg	47/52	4.95mg	48/52								
e	TR313a	2.17mg	5.50mg	2/52	2.45mg	23/52	4.95mg	31/52							liv:hpa,hpc,ndd.	
4039	TR313	.443mg	1.14mg	16/52	3.89ug	11/52	39.1ug	17/52	.392mg	23/52	1.00mg	27/52	1.96mg	37/52	adr:phe,phm; k/p: tpp; liv:hpc,ndd. C	
a	TR313	.392mg	2.25mg	50/52	3.89ug	51/52	39.1ug	43/52	.392mg	48/52	1.00mg	39/52	1.96mg	42/52	S	
b	TR313	.545mg	1.39mg	6/52	3.89ug	5/52	39.1ug	6/52	.392mg	15/52	1.00mg	16/52	1.96mg	28/52	liv:hpc,ndd.	
c	TR313	.574mg	1.47mg	3/52	3.89ug	5/52	39.1ug	5/52	.392mg	14/52	1.00mg	15/52	1.96mg	26/52		
d	TR313	.840mg	3.18mg	10/52	3.89ug	7/52	39.1ug	13/52	.392mg	12/52	1.00mg	18/52	1.96mg	20/52	adr:phe,phm.	
e	TR313	2.70mg	356.mg	3/52	3.89ug	0/52	39.1ug	2/52	.392mg	2/52	1.00mg	3/52	1.96mg	4/52	S	
f	TR313	3.67mg	100.mg	0/52	3.89ug	1/52	39.1ug	0/52	.392mg	1/52	1.00mg	0/52	1.96mg	4/52	thy:fca,fcc. S	
g	TR313	4.33mg	88.7mg	0/52	3.89ug	0/52	39.1ug	0/52	.392mg	1/52	1.00mg	0/52	1.96mg	3/52	S	
h	TR313	4.58mg	72.4mg	0/52	3.89ug	0/52	39.1ug	0/52	.392mg	0/52	1.00mg	1/52	1.96mg	3/52		
i	TR313	.374mg	1.39mg	45/52	3.89ug	46/52	39.1ug	40/52	.392mg	45/52	1.00mg	48/52	1.96mg	45/52		
j	TR313	.545mg	1.39mg	6/52	3.89ug	5/52	39.1ug	6/52	.392mg	15/52	1.00mg	16/52	1.96mg	28/52	liv:hpa,hpc,ndd.	
4040	1160	52.6ug	n.s.s.	0/10	40.0ug	0/10	.200mg	0/10							Chu;txap,59,268-278;1981	
MIREX, PHOTO- 39801-14-4																
4041	1160	.474mg	28.7mg	1/10	8.00ug	0/10	40.0ug	0/10	.200mg	0/10	1.00mg	4/10				Chu;txap,59,268-278;1981
a	1160	1.06mg	n.s.s.	0/10	8.00ug	1/10	40.0ug	0/10	.200mg	1/10	1.00mg	1/10				
MISOPROSTOL 59122-46-2																
4042	1841	106.mg	n.s.s.	1/64	.160mg	1/64	1.60mg	0/64	16.0mg	1/64						Port;txpy,15,134-142;1987/pers.comm.
a	1841	110.mg	n.s.s.	0/64	.160mg	3/64	1.60mg	0/64	16.0mg	1/64						
b	1841	176.mg	n.s.s.	2/64	.160mg	2/64	1.60mg	0/64	16.0mg	0/64						
c	1841	96.2mg	n.s.s.	0/64	.160mg	2/64	1.60mg	2/64	16.0mg	1/64						
d	1841	69.7ug	.481mg	22/64	.160mg	42/64	(1.60mg)	21/64	16.0mg	18/64						
4043	1841	5.97mg	n.s.s.	15/64	.160mg	11/64	1.60mg	9/64	(16.0mg)	2/64						
a	1841	109.mg	n.s.s.	2/64	.160mg	1/64	1.60mg	1/64	16.0mg	1/64						
b	1841	148.mg	n.s.s.	0/64	.160mg	1/64	1.60mg	1/64	16.0mg	0/64						
c	1841	167.mg	n.s.s.	2/64	.160mg	4/64	1.60mg	1/64	16.0mg	0/64						
d	1841	176.mg	n.s.s.	1/64	.160mg	1/64	1.60mg	0/64	16.0mg	0/64						
e	1841	2.86mg	n.s.s.	34/64	.160mg	27/64	1.60mg	27/64	(16.0mg)	15/64						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
4044	1840	18.1mg	n.s.s.	0/60	24.0ug	2/60	.240mg	1/59	2.40mg	1/60	Dodd;txpy,15,125-133;1987/pers.comm.	
a	1840	22.4mg	n.s.s.	0/60	24.0ug	0/60	.240mg	1/59	2.40mg	0/60		
b	1840	5.70mg	n.s.s.	23/60	24.0ug	27/60	.240mg	37/59	2.40mg	24/60		
c	1840	2.28mg	n.s.s.	56/60	24.0ug	58/60	.240mg	54/59	2.40mg	52/60		
4045	1840	18.8mg	n.s.s.	2/60	24.0ug	0/60	.240mg	1/60	2.40mg	1/60		
a	1840	.350mg	n.s.s.	47/60	24.0ug	49/60	.240mg	42/60	(2.40mg)	24/60		
MITOMYCIN-C 50-07-7												
4046	1336	516.ng	1.95ug	0/182	5.40ug	22/25					Skipper;srfr;1976/Weisburger;canc;1977/Prejean pers.comm.	
a	1336	15.6ug	n.s.s.	0/182	5.40ug	0/25						
b	1336	553.ng	2.67ug	44/182	5.40ug	22/25						
c	1336	490.ng	5.41ug	103/182	5.40ug	23/25						
d	1336	13.8ug	n.s.s.	59/182	5.40ug	1/25						
4047	1336	575.ng	2.16ug	0/177	6.65ug	19/24						
a	1336	6.40ug	n.s.s.	0/177	6.65ug	1/24						
b	1336	346.ng	1.66ug	32/177	6.65ug	22/24						
c	1336	361.ng	2.11ug	59/177	6.65ug	22/24						
d	1336	12.1ug	n.s.s.	27/177	6.65ug	0/24						
MOLYBDENUM TRIOXIDE 1313-27-5												
4048	TR462	29.9mg	n.s.s.	3/50	3.15mg	6/50	9.44mg	8/50	31.5mg	15/50		lun:a/a,a/c.
a	TR462	36.5mg	n.s.s.	1/50	3.15mg	4/50	9.44mg	8/50	31.5mg	9/50		
b	TR462	64.7mg	n.s.s.	0/50	3.15mg	1/50	9.44mg	3/50	31.5mg	4/50		S
c	TR462	32.8mg	n.s.s.	40/50	3.15mg	39/50	9.44mg	43/50	31.5mg	40/50		
d	TR462	33.4mg	n.s.s.	23/50	3.15mg	22/50	9.44mg	25/50	31.5mg	27/50		liv:hpa,hpb,hpc.
e	TR462	29.9mg	n.s.s.	3/50	3.15mg	6/50	9.44mg	8/50	31.5mg	15/50		lun:a/a,a/c.
4049	TR462	1.52mg	51.2mg	11/50	2.62mg	27/50	(7.87mg)	21/50	26.2mg	18/50		lun:a/a,a/c.
a	TR462	2.13mg	14.5mg	2/50	2.62mg	16/50	(7.87mg)	14/50	26.2mg	10/50		
b	TR462	6.23mg	n.s.s.	12/50	2.62mg	18/50	7.87mg	21/50	(26.2mg)	13/50		S
c	TR462	22.2mg	n.s.s.	40/50	2.62mg	44/50	7.87mg	45/50	26.2mg	42/50		
d	TR462	4.28mg	n.s.s.	30/50	2.62mg	27/50	7.87mg	34/50	(26.2mg)	28/50		liv:hpa,hpb,hpc.
e	TR462	1.52mg	51.2mg	11/50	2.62mg	27/50	(7.87mg)	21/50	26.2mg	18/50		lun:a/a,a/c.
4050	TR462	.312mg	n.s.s.	22/50	.749mg	33/50	(2.25mg)	29/50	7.49mg	19/50		mgl:ade,fa.
a	TR462	2.07mg	n.s.s.	3/50	.749mg	7/50	2.25mg	10/50	(7.49mg)	3/50		cli:ade,car.
b	TR462	2.96mg	n.s.s.	48/50	.749mg	50/50	2.25mg	49/50	7.49mg	49/50		
c	TR462	52.4mg	n.s.s.	1/50	.749mg	0/50	2.25mg	0/50	7.49mg	0/50		liv:hpa,hpb,hpc.
4051	TR462	7.76mg	n.s.s.	0/50	.524mg	1/50	1.57mg	1/50	5.24mg	4/50		lun:a/a,a/c.
a	TR462	9.53mg	n.s.s.	0/50	.524mg	0/50	1.57mg	0/50	5.24mg	3/50		S
b	TR462	3.97mg	n.s.s.	50/50	.524mg	49/50	1.57mg	50/50	5.24mg	49/50		
c	TR462	9.85mg	n.s.s.	2/50	.524mg	2/50	1.57mg	1/50	5.24mg	3/50		liv:hpa,hpb,hpc.
MONOACETYL HYDRAZINE 1068-57-1												
4052	1661m	13.9mg	n.s.s.	3/20	22.9mg	5/15					Bhide;clet,23,235-240;1984/pers.comm.	
4053	1661n	5.77mg	n.s.s.	3/20	11.4mg	6/15						
4054	1661m	15.2mg	n.s.s.	2/20	19.0mg	4/15	26.2mg	7/15				
4055	1661n	1.98mg	15.0mg	2/20	9.52mg	11/15						
MONOCHLOROACETIC ACID 79-11-8												
4056	TR396	49.7mg	n.s.s.	41/60	35.6mg	33/60	(71.2mg)	27/60				liv:hpa,hpc,nnd.
a	TR396	312.mg	n.s.s.	1/60	35.6mg	2/60	71.2mg	2/60				lun:a/a,a/c.
b	TR396	243.mg	n.s.s.	0/60	35.6mg	3/60	71.2mg	2/60				
4057	1263	38.2mg	n.s.s.	0/18	20.4mg	0/17					Innes;ntis,1968/1969	
a	1263	38.2mg	n.s.s.	1/18	20.4mg	0/17						
b	1263	17.8mg	n.s.s.	2/18	20.4mg	2/17						
4058	TR396	46.4mg	n.s.s.	31/60	35.6mg	32/60	71.2mg	21/60				liv:hpa,hpc,nnd.
a	TR396	150.mg	n.s.s.	12/60	35.6mg	8/60	71.2mg	6/60				

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code	
L-MONOSODIUM GLUTAMATE 142-47-2														
4076	1631	4.68gm	n.s.s.	0/55	1.20gm	0/25	4.80gm	0/23					Ebert;txlt,3,65-70;1979	
a	1631	4.68gm	n.s.s.	0/55	1.20gm	0/25	4.80gm	0/23						
b	1631	4.68gm	n.s.s.	0/55	1.20gm	0/25	4.80gm	0/23						
4077	2236	30.8gm	n.s.s.	1/50	300.mg	1/50	625.mg	2/50	1.25gm	0/50	2.50gm	0/50	Shibata;fctx,33,383-391;1995	
4078	2236	1.34gm	n.s.s.	1/50	240.mg	0/50	500.mg	0/50	1.00gm	0/50	2.00gm	0/50		
MONOSODIUM SUCCINATE 2922-54-5														
4079	1977	4.12gm	n.s.s.	0/49	526.mg	0/48	1.05gm	0/49					Maekawa;fctx,28,235-241;1990	
a	1977	655.mg	n.s.s.	40/49	526.mg	37/48	1.05gm	40/47						
4080	1977	8.91gm	n.s.s.	0/50	460.mg	0/48	920.mg	1/50						
a	1977	6.14gm	n.s.s.	2/50	460.mg	4/48	920.mg	1/50						
b	1977	n.s.s.	n.s.s.	50/50	460.mg	48/48	920.mg	50/50						
4-MORPHOLINO-2-(5-NITRO-2-THIENYL)QUINAZOLINE 58139-48-3														
4081	1390	2.70mg	11.2mg	6/84	17.4mg	18/28					Cohen;jnci,57,277-282;1976			
L-5-MORPHOLINOMETHYL-3-[(5-NITROFURFURYLIDENE)AMINO]-2-OXAZOLIDINONE.HCl 3031-51-4														
4082	200a	1.25mg	5.71mg	1/25	34.8mg	31/32					Cohen;jnci,51,403-417;1973			
a	200a	3.70mg	11.6mg	0/25	34.8mg	25/32								
b	200a	16.8mg	219.mg	0/25	34.8mg	7/32								
c	200a	36.6mg	n.s.s.	0/25	34.8mg	2/32								
d	200a	92.6mg	n.s.s.	0/25	34.8mg	0/32								
e	200a	1.25mg	5.71mg	1/25	34.8mg	31/32								
MYLERAN (busulfan) 55-98-1														
4083	1017	12.7ug	n.s.s.	7/65	9.29ug	3/18					Schmahl;arzn,20,1461-1467;1970			
a	1017	15.1ug	n.s.s.	4/65	9.29ug	2/18								
b	1017	20.6ug	n.s.s.	3/65	9.29ug	1/18								
NAFENOPIN 3771-19-5														
4084	2190	126.mg	n.s.s.	0/9	230.mg	0/8					Lake;enhp,101(Supp5),241-247;1993/pers.comm.			
4085	2271	10.4mg	57.7mg	0/10	40.0mg	11/15					Reddy;jnci,59,1645-1650;1977/pers.comm.			
a	2271	39.9mg	n.s.s.	0/10	40.0mg	3/15								
b	2271	50.7mg	n.s.s.	0/10	40.0mg	2/15								
c	2271	69.7mg	n.s.s.	0/10	40.0mg	1/15								
4086	2190	1.45mg	11.5mg	0/8	20.0mg	8/11					Lake;enhp,101(Supp5),241-247;1993/pers.comm.			
4087	2180m	26.4mg	n.s.s.	0/9	100.mg	1/9					Kraupp-Grasl;canr,50,3701-3708;1990/pers.comm.			
a	2180m	26.4mg	n.s.s.	0/9	100.mg	1/9								
b	2180m	51.9mg	n.s.s.	0/9	100.mg	0/9								
4088	2180o	16.0mg	123.mg	0/11	100.mg	8/14								
a	2180o	22.2mg	383.mg	0/11	100.mg	6/14								
b	2180o	31.6mg	n.s.s.	0/11	100.mg	4/14								
4089	2155	10.9mg	52.9mg	0/18	100.mg	12/19					Kraupp-Grasl;canr,51,666-671;1991/pers.comm.			
a	2155	20.5mg	187.mg	0/18	100.mg	7/19								
b	2155	23.5mg	324.mg	0/18	100.mg	6/19								
c	2155	5.98mg	29.2mg	1/18	100.mg	16/19								
4090	2180n	9.48mg	49.6mg	0/18	100.mg	11/17					Kraupp-Grasl;canr,50,3701-3708;1990/pers.comm.			
a	2180n	16.5mg	139.mg	0/18	100.mg	7/17								
b	2180n	22.3mg	507.mg	0/18	100.mg	5/17								
NALIDIXIC ACID 389-08-2														
4091	TR368	1.38gm	n.s.s.	0/50	258.mg	2/50	515.mg	3/50						S
a	TR368	344.mg	n.s.s.	36/50	258.mg	39/50	515.mg	35/50						
b	TR368	963.mg	n.s.s.	4/50	258.mg	6/50	515.mg	7/50					liv:hpa,hpc,nnd.	
c	TR368	1.27gm	n.s.s.	1/50	258.mg	5/50	515.mg	2/50					lun:a/a,a/c.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
4092	TR368	536.mg	n.s.s.	5/50	238.mg	9/50	475.mg	14/50			sub: fbs, fib.
a	TR368	342.mg	n.s.s.	26/50	238.mg	24/50	475.mg	32/50			
b	TR368	1.07gm	n.s.s.	10/50	238.mg	12/50	475.mg	7/50			liv:hpa,hpc,nnd.
c	TR368	848.mg	n.s.s.	6/50	238.mg	5/50	475.mg	8/50			lun:a/a,a/c.
4093	2294	478.mg	n.s.s.	1/51	93.0mg	3/50	186.mg	3/51		Kurokawa;fctx,24,319-323;1986	
a	2294	1.05gm	n.s.s.	0/51	93.0mg	1/50	186.mg	0/51			
b	2294	476.mg	n.s.s.	7/51	93.0mg	6/50	186.mg	6/51			
c	2294	130.mg	n.s.s.	36/51	93.0mg	35/50	186.mg	34/51			
4094	2294	587.mg	n.s.s.	0/49	85.8mg	2/50	172.mg	1/50			
a	2294	332.mg	n.s.s.	4/49	85.8mg	8/50	172.mg	5/50			
b	2294	305.mg	n.s.s.	8/49	85.8mg	8/50	172.mg	9/50			
c	2294	426.mg	n.s.s.	4/49	85.8mg	6/50	172.mg	4/50			
d	2294	284.mg	n.s.s.	15/49	85.8mg	11/50	172.mg	14/50			
e	2294	202.mg	n.s.s.	39/49	85.8mg	32/50	172.mg	31/50			
4095	TR368	165.mg	n.s.s.	5/50	99.0mg	15/50	198.mg	16/50			cli: adn, can, ppc, ppn.
a	TR368	102.mg	n.s.s.	47/50	99.0mg	43/50	(198.mg)	41/50)			
b	TR368	1.14gm	n.s.s.	1/50	99.0mg	0/50	198.mg	1/50			liv:hpa,hpc,nnd.
4096	TR368	82.0mg	416.mg	3/50	79.2mg	19/50	159.mg	20/50			pre: adn, can, ppn.
a	TR368	126.mg	458.mg	0/50	79.2mg	10/50	159.mg	12/50			S
b	TR368	145.mg	n.s.s.	2/50	79.2mg	10/50	159.mg	10/50			S
c	TR368	155.mg	n.s.s.	3/50	79.2mg	10/50	159.mg	10/50			pre: adn, ppn. S
d	TR368	94.9mg	n.s.s.	44/50	79.2mg	45/50	159.mg	44/50			
e	TR368	746.mg	n.s.s.	2/50	79.2mg	1/50	159.mg	1/50			liv:hpa,hpc,nnd.
NAPHTHALENE 91-20-3											
4097	TR410	91.2mg	572.mg	5/70	16.0mg	2/68	48.3mg	29/138			lun:a/a,a/c.
a	TR410	94.4mg	662.mg	5/70	16.0mg	2/68	48.3mg	28/138			
b	TR410	654.mg	n.s.s.	0/70	16.0mg	0/68	48.3mg	1/138			
c	TR410	58.4mg	n.s.s.	23/70	16.0mg	22/68	48.3mg	63/138			
d	TR410	457.mg	n.s.s.	2/70	16.0mg	2/68	48.3mg	3/138			liv:hpa,hpc,nnd.
e	TR410	91.2mg	572.mg	5/70	16.0mg	2/68	48.3mg	29/138			lun:a/a,a/c.
4098	TR410	30.0mg	n.s.s.	36/70	13.3mg	36/70	(40.3mg)	66/137)			
a	TR410	182.mg	n.s.s.	8/70	13.3mg	14/70	40.3mg	23/137			liv:hpa,hpc,nnd.
b	TR410	116.mg	n.s.s.	7/70	13.3mg	17/70	40.3mg	31/137			lun:a/a,a/c.
4099	TR500	22.1mg	75.0mg	0/49	3.92mg	2/49	11.8mg	7/49	23.5mg	13/49	nof: neu; nre: ade. C
a	TR500	29.5mg	106.mg	0/49	3.92mg	2/49	11.8mg	3/49	23.5mg	12/49	
b	TR500	48.6mg	n.s.s.	0/49	3.92mg	0/49	11.8mg	4/49	23.5mg	2/49	
c	TR500	13.4mg	n.s.s.	48/49	3.92mg	48/49	11.8mg	47/49	23.5mg	44/49	
d	TR500	103.mg	n.s.s.	0/49	3.92mg	1/49	11.8mg	1/49	23.5mg	0/49	liv:hpa,hpb,hpc.
4100	TR500	8.06mg	23.6mg	0/49	2.75mg	6/49	8.24mg	11/49	16.5mg	18/49	nof: neu; nre: ade. C
a	TR500	8.89mg	32.9mg	0/49	2.75mg	6/49	8.24mg	8/49	16.5mg	15/49	
b	TR500	36.1mg	1.97gm	0/49	2.75mg	0/49	8.24mg	4/49	16.5mg	3/49	
c	TR500	40.3mg	n.s.s.	0/49	2.75mg	0/49	8.24mg	0/49	16.5mg	3/49	S
d	TR500	6.30mg	n.s.s.	48/49	2.75mg	48/49	8.24mg	46/49	16.5mg	49/49	
e	TR500	43.3mg	n.s.s.	2/49	2.75mg	0/49	8.24mg	0/49	16.5mg	4/49	liv:hpa,hpb,hpc.
1-NAPHTHALENE ACETAMIDE 86-86-2											
4101	1156	337.mg	n.s.s.	0/17	180.mg	0/17					Innes;ntis,1968/1969
a	1156	337.mg	n.s.s.	1/17	180.mg	0/17					
b	1156	120.mg	n.s.s.	2/17	180.mg	3/17					
4102	1156	314.mg	n.s.s.	1/18	168.mg	0/17					
a	1156	314.mg	n.s.s.	2/18	168.mg	0/17					
b	1156	314.mg	n.s.s.	3/18	168.mg	0/17					
4103	1156	113.mg	n.s.s.	0/16	180.mg	2/15					
a	1156	156.mg	n.s.s.	0/16	180.mg	1/15					
b	1156	73.0mg	n.s.s.	0/16	180.mg	4/15					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
4104	1156	95.4mg	n.s.s.	0/16	168.mg	3/17				
a	1156	165.mg	n.s.s.	0/16	168.mg	1/17				
b	1156	56.9mg	765.mg	0/16	168.mg	6/17				
1-NAPHTHALENE ACETIC ACID (planofix) 86-87-3										
4105	1157	52.4mg	n.s.s.	0/17	73.0mg	2/17			Innes;ntis,1968/1969	
a	1157	81.4mg	n.s.s.	1/17	73.0mg	1/17				
b	1157	48.8mg	n.s.s.	2/17	73.0mg	3/17				
4106	1157	80.4mg	n.s.s.	1/18	68.0mg	1/18				
a	1157	89.3mg	n.s.s.	2/18	68.0mg	1/18				
b	1157	53.5mg	n.s.s.	3/18	68.0mg	3/18				
4107	1157	129.mg	n.s.s.	0/16	73.0mg	0/16				
a	1157	129.mg	n.s.s.	0/16	73.0mg	0/16				
b	1157	129.mg	n.s.s.	0/16	73.0mg	0/16				
4108	1157	48.8mg	n.s.s.	0/16	68.0mg	2/17				
a	1157	127.mg	n.s.s.	0/16	68.0mg	0/17				
b	1157	26.9mg	966.mg	0/16	68.0mg	5/17				
1,5-NAPHTHALENEDIAMINE (1,5-diaminonaphthalene) 2243-62-1										
4109	TR143	42.1mg	129.mg	3/50	127.mg	38/50	(253.mg	34/50)	liv:hpa,hpc; lun:a/a,a/c; thy:cca,ccr,fca,pcy,ppa.	C
a	TR143	69.5mg	236.mg	1/50	127.mg	25/50	(253.mg	16/50)		
b	TR143	89.8mg	223.mg	1/50	127.mg	28/50	253.mg	27/50	liv:hpa,hpc.	
c	TR143	186.mg	1.46gm	2/50	127.mg	17/50	253.mg	14/50	thy:fca,pcy,ppa.	
d	TR143	161.mg	1.00gm	0/50	127.mg	10/50	(253.mg	5/50)	lun:a/a,a/c.	
e	TR143	455.mg	3.26gm	0/50	127.mg	2/50	253.mg	8/50	thy:cca,ccr.	
f	TR143	571.mg	9.23gm	0/50	127.mg	1/50	253.mg	6/50		
g	TR143	102.mg	n.s.s.	21/50	127.mg	41/50	253.mg	37/50		
h	TR143	89.8mg	223.mg	1/50	127.mg	28/50	253.mg	27/50	liv:hpa,hpc,nnd.	
i	TR143	161.mg	1.00gm	0/50	127.mg	10/50	(253.mg	5/50)	lun:a/a,a/c.	
4110	TR143	139.mg	373.mg	0/50	118.mg	10/50	235.mg	19/50	thy:cca,ccr,fca,pcy,ppa.	C
a	TR143	170.mg	510.mg	0/50	118.mg	8/50	235.mg	16/50	thy:fca,pcy,ppa.	
b	TR143	515.mg	n.s.s.	0/50	118.mg	2/50	235.mg	4/50	thy:cca,ccr.	
c	TR143	661.mg	n.s.s.	0/50	118.mg	0/50	235.mg	4/50		
d	TR143	131.mg	n.s.s.	24/50	118.mg	40/50	235.mg	25/50		
e	TR143	291.mg	n.s.s.	12/50	118.mg	13/50	235.mg	13/50	liv:hpa,hpc,nnd.	
f	TR143	607.mg	n.s.s.	4/50	118.mg	9/50	235.mg	2/50	lun:a/a,a/c.	
4111	TR143	29.5mg	242.mg	3/25	24.3mg	16/50	48.1mg	28/50	cli:adn,can; ute:esp.	C
a	TR143	37.7mg	2.04gm	2/25	24.3mg	14/50	48.1mg	20/50		
b	TR143	69.1mg	4.53gm	1/25	24.3mg	3/50	48.1mg	13/50	cli:adn,can.	
c	TR143	26.2mg	n.s.s.	1/25	24.3mg	12/50	(48.1mg	4/50)	thy:cca,ccr.	S
d	TR143	19.7mg	n.s.s.	17/25	24.3mg	41/50	48.1mg	49/50		
e	TR143	107.mg	n.s.s.	0/25	24.3mg	4/50	48.1mg	4/50	liv:hpa,hpc,nnd.	
4112	TR143	19.2mg	n.s.s.	10/25	19.4mg	32/50	38.9mg	38/50		
a	TR143	86.4mg	n.s.s.	1/25	19.4mg	7/50	38.9mg	4/50	liv:hpa,hpc,nnd.	
N-(1-NAPHTHYL) ETHYLENEDIAMINE .2HCL 1465-25-4										
4113	TR168	851.mg	n.s.s.	21/50	253.mg	15/50	392.mg	9/50		
a	TR168	1.94gm	n.s.s.	1/50	253.mg	1/50	392.mg	1/50	liv:hpa,hpc,nnd.	
b	TR168	1.33gm	n.s.s.	0/50	253.mg	2/50	392.mg	1/50	lun:a/a,a/c.	
4114	TR168	119.mg	n.s.s.	24/50	60.0mg	19/50	(120.mg	16/50)		
a	TR168	368.mg	n.s.s.	12/50	60.0mg	5/50	120.mg	9/50	liv:hpa,hpc,nnd.	
b	TR168	384.mg	n.s.s.	4/50	60.0mg	7/50	120.mg	3/50	lun:a/a,a/c.	
4115	TR168	42.3mg	n.s.s.	0/25	25.0mg	8/50	(50.0mg	1/50)	liv:hpc,nnd.	S
a	TR168	69.2mg	n.s.s.	17/25	25.0mg	36/50	50.0mg	30/50		
b	TR168	42.3mg	n.s.s.	0/25	25.0mg	8/50	(50.0mg	1/50)	liv:hpa,hpc,nnd.	
4116	TR168	12.5mg	n.s.s.	10/25	20.0mg	35/50	(40.0mg	27/50)		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	TR168	265.mg	n.s.s.	1/25	20.0mg	2/50	40.0mg	1/50		liv:hpa,hpc,nnd.
sym.-dibeta-NAPHTHYL-p-PHENYLENEDIAMINE (agerite white) 93-46-9										
4117	1305	30.7mg	n.s.s.	1/17	38.9mg	2/17				Innes;ntis,1968/1969
a	1305	72.8mg	n.s.s.	0/17	38.9mg	0/17				
b	1305	17.3mg	n.s.s.	2/17	38.9mg	5/17				
4118	1305	47.5mg	n.s.s.	2/18	36.2mg	1/18				
a	1305	71.7mg	n.s.s.	1/18	36.2mg	0/18				
b	1305	37.5mg	n.s.s.	3/18	36.2mg	2/18				
4119	1305	72.8mg	n.s.s.	0/16	38.9mg	0/17				
a	1305	72.8mg	n.s.s.	0/16	38.9mg	0/17				
b	1305	38.2mg	n.s.s.	0/16	38.9mg	1/17				
4120	1305	17.9mg	n.s.s.	0/16	36.2mg	3/15				
a	1305	31.2mg	n.s.s.	0/16	36.2mg	1/15				
b	1305	10.4mg	117.mg	0/16	36.2mg	6/15				
1-(1-NAPHTHYL)-2-THIOUREA (ANTU) 86-88-4										
4121	1155	.991mg	n.s.s.	1/17	.834mg	1/18				Innes;ntis,1968/1969
a	1155	1.65mg	n.s.s.	0/17	.834mg	0/18				
b	1155	1.10mg	n.s.s.	2/17	.834mg	1/18				
4122	1155	1.02mg	n.s.s.	2/18	.776mg	1/18				
a	1155	1.54mg	n.s.s.	1/18	.776mg	0/18				
b	1155	.803mg	n.s.s.	3/18	.776mg	2/18				
4123	1155	1.65mg	n.s.s.	0/16	.834mg	0/18				
a	1155	1.65mg	n.s.s.	0/16	.834mg	0/18				
b	1155	.869mg	n.s.s.	0/16	.834mg	1/18				
4124	1155	.383mg	n.s.s.	0/16	.776mg	3/15				
a	1155	1.28mg	n.s.s.	0/16	.776mg	0/15				
b	1155	.263mg	5.52mg	0/16	.776mg	5/15				
1-NAPHTHYLAMINE 134-32-7										
4125	2594	22.3mg	n.s.s.	2/21	120.mg	6/18				Osanai;jsol,52,179-201;1976
2-NAPHTHYLAMINE 91-59-8										
4126	1446	7.87mg	41.7mg	0/17	189.mg	14/16				Yoshida;gann,70,645-652;1979
a	1446	17.2mg	97.2mg	0/17	189.mg	10/16				
b	1446	26.7mg	223.mg	0/17	189.mg	7/16				
c	1446	52.6mg	n.s.s.	0/17	189.mg	3/16				
d	1446	174.mg	n.s.s.	0/17	189.mg	0/16				
4127	207	10.5mg	67.5mg	0/7	50.1mg	13/21				Bonser;bjca,6,412-424;1952
4128	2594	18.0mg	n.s.s.	2/21	120.mg	8/19				Osanai;jsol,52,179-201;1976
4129	1470	2.42mg	n.s.s.	0/3	90.5mg	7/14				Conzelman;jnci,42,825-831;1969
a	1470	6.34mg	n.s.s.	0/3	90.5mg	2/14				
b	1470	6.34mg	n.s.s.	0/3	90.5mg	2/14				
c	1470	6.34mg	n.s.s.	0/3	90.5mg	2/14				
d	1470	8.74mg	n.s.s.	0/3	90.5mg	1/14				
e	1470	8.74mg	n.s.s.	0/3	90.5mg	1/14				
4130	207m	15.8mg	n.s.s.	0/17	4.50mg	0/17				Bonser;bjca,6,412-424;1952
4131	207n	2.90mg	n.s.s.	0/5	4.50mg	3/11				
4132	207o	5.76mg	n.s.s.	0/5	4.50mg	1/12				
4133	1564	21.2mg	n.s.s.	0/20	24.4mg	4/18				Hicks;bjca,46,646-661;1982
2-NAPHTHYLAMINO,1-SULFONIC ACID 81-16-3										
4134	1488	942.mg	n.s.s.	14/49	306.mg	15/48				Della Porta;carc,3,647-649;1982
a	1488	3.33gm	n.s.s.	1/49	306.mg	1/48				
4135	1488	765.mg	n.s.s.	14/48	283.mg	16/47				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	1488	2.42gm	n.s.s.	2/48	283.mg	2/47					
NEFIRACETAM 77191-36-7											
4136	2203	807.mg	n.s.s.	3/50	270.mg	5/50				Kajimura; arzn, 44 (I), 254-259; 1994	
a	2203	2.78gm	n.s.s.	2/50	270.mg	0/50					
b	2203	1.29gm	n.s.s.	4/50	270.mg	3/50					
c	2203	2.78gm	n.s.s.	2/50	270.mg	0/50					
4137	2203	616.mg	n.s.s.	5/50	270.mg	8/50					
a	2203	871.mg	n.s.s.	4/50	270.mg	5/50					
b	2203	1.03gm	n.s.s.	6/50	270.mg	5/50					
c	2203	1.87gm	n.s.s.	2/50	270.mg	1/50					
4138	2203	927.mg	n.s.s.	0/50	90.0mg	0/50					
4139	2203	327.mg	n.s.s.	1/50	72.0mg	2/50					
NEOSUGAR 88385-81-3											
4140	1880	5.05gm	n.s.s.	4/50	400.mg	7/50	1.00gm	12/50	2.50gm	7/50	Clevenger; jact, 7, 643-662; 1988
a	1880	8.67gm	n.s.s.	24/50	400.mg	19/50	1.00gm	19/50	2.50gm	14/50	
4141	1880	1.71gm	59.6gm	10/50	320.mg	13/50	800.mg	19/50	2.00gm	22/50	
NICKEL 7440-02-0											
4142	1464	1.29mg	n.s.s.	10/26	.286mg	9/27					Schroeder; jnut, 104, 239-243; 1974
a	1464	2.83mg	n.s.s.	7/26	.286mg	3/27					
4143	1464	.919mg	n.s.s.	9/23	.250mg	4/17					
a	1464	1.10mg	n.s.s.	4/23	.250mg	2/17					
NICKEL (II) ACETATE 373-02-4											
4144	56	6.58mg	n.s.s.	9/60	1.00mg	3/33					Schroeder; jnut, 83, 239-250; 1964
a	56	12.7mg	n.s.s.	1/60	1.00mg	0/33					
b	56	8.98mg	n.s.s.	22/60	1.00mg	3/33					
4145	1395	2.89mg	n.s.s.	9/45	1.00mg	10/44					Schroeder; jnut, 105, 452-458; 1975
4146	56	4.94mg	n.s.s.	8/44	.833mg	5/41					Schroeder; jnut, 83, 239-250; 1964
a	56	4.36mg	n.s.s.	11/44	.833mg	7/41					
4147	1395	5.82mg	n.s.s.	10/43	.833mg	4/37					Schroeder; jnut, 105, 452-458; 1975
NICKEL DIBUTYLDITHIOCARBAMATE (vanguard N) 13927-77-0											
4148	1357	19.0ug	n.s.s.	1/17	28.9ug	3/18					Innes; ntis, 1968/1969
a	1357	57.3ug	n.s.s.	0/17	28.9ug	0/18					
b	1357	20.8ug	n.s.s.	2/17	28.9ug	3/18					
4149	1357	19.2ug	n.s.s.	2/18	27.0ug	3/18					
a	1357	53.5ug	n.s.s.	1/18	27.0ug	0/18					
b	1357	21.2ug	n.s.s.	3/18	27.0ug	3/18					
4150	1357	28.4ug	n.s.s.	0/16	28.9ug	1/17					
a	1357	54.1ug	n.s.s.	0/16	28.9ug	0/17					
b	1357	28.4ug	n.s.s.	0/16	28.9ug	1/17					
4151	1357	15.3ug	n.s.s.	0/16	27.0ug	3/17					
a	1357	26.5ug	n.s.s.	0/16	27.0ug	1/17					
b	1357	10.7ug	.383mg	0/16	27.0ug	5/17					
NICKEL (II) SULFATE HEXAHYDRATE 10101-97-0											
4152	TR454	.407mg	n.s.s.	41/61	77.2ug	45/60	.158mg	40/60	.312mg	36/60	
a	TR454	.573mg	n.s.s.	18/61	77.2ug	28/60	.158mg	15/60	.312mg	19/60	liv:hpa, hpb, hpc.
b	TR454	.378mg	n.s.s.	7/61	77.2ug	6/60	.158mg	10/60	(.312mg	1/60)	lun:a/a, a/c.
4153	TR454	.328mg	n.s.s.	38/61	63.9ug	35/61	.131mg	41/62	.258mg	27/62	
a	TR454	.398mg	n.s.s.	26/61	63.9ug	18/61	.131mg	29/62	.258mg	19/62	liv:hpa, hpb, hpc.
b	TR454	.621mg	n.s.s.	13/61	63.9ug	18/61	.131mg	7/62	.258mg	8/62	lun:a/a, a/c.
4154	TR454	31.3ug	n.s.s.	49/53	8.82ug	52/53	18.4ug	50/54	37.7ug	48/55	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	TR454	n.s.s.	n.s.s.	0/53	8.82ug	0/53	18.4ug	0/54	37.7ug	0/55		liv:hpa,hpb,hpc.
4155	TR454	16.9ug	n.s.s.	50/54	6.13ug	50/53	12.8ug	51/53	26.2ug	49/53		
a	TR454	98.5ug	n.s.s.	2/54	6.13ug	1/53	12.8ug	2/53	26.2ug	2/53		liv:hpa,hpb,hpc.
NICOTINAMIDE 98-92-0												
4156	1732	7.03gm	n.s.s.	15/89	2.00gm	7/45					Toth;onco,40,72-75;1983/1979	
a	1732	23.8gm	n.s.s.	0/98	2.00gm	0/49						
4157	1732	9.34gm	n.s.s.	21/87	1.67gm	6/50						
a	1732	15.8gm	n.s.s.	2/61	1.67gm	0/42						
NICOTINE 54-11-5												
4158	1134	1.00mg	n.s.s.	3/33	.286mg	2/32					Schmahl;zkko,86,77-84;1976	
4159	1134	2.06mg	n.s.s.	1/36	.286mg	0/35						
a	1134	.898mg	n.s.s.	1/36	.286mg	2/35						
NICOTINE.HCl 2820-51-1												
4160	1530	834.mg	n.s.s.	15/95	125.mg	6/46	188.mg	9/48			Toth;acnr,2,71-74;1982/1979	
a	1530	1.06gm	n.s.s.	0/99	125.mg	0/50	188.mg	0/48				
4161	1530	606.mg	n.s.s.	2/62	104.mg	0/38	156.mg	0/32				
a	1530	1.41gm	n.s.s.	22/88	104.mg	6/50	156.mg	6/48				
NICOTINIC ACID (niacin) 59-67-6												
4162	1530	5.50gm	n.s.s.	15/95	2.00gm	13/48					Toth;acnr,2,71-74;1982/1979	
a	1530	36.8gm	n.s.s.	0/99	2.00gm	0/50						
4163	1530	7.84gm	n.s.s.	22/88	1.67gm	9/50						
a	1530	9.24gm	n.s.s.	2/62	1.67gm	1/33						
NICOTINIC ACID HYDRAZIDE (3-pyridoyl hydrazine) 553-53-7												
4164	1084	85.8mg	294.mg	25/98	250.mg	38/50					Toth;onco,38,106-109;1981	
a	1084	106.mg	376.mg	20/98	250.mg	34/50						
b	1084	259.mg	1.57gm	6/98	250.mg	16/50						
c	1084	1.41gm	n.s.s.	3/71	250.mg	1/42						
d	1084	1.54gm	n.s.s.	5/71	250.mg	1/42						
4165	1084	197.mg	3.49gm	16/99	208.mg	19/49						
a	1084	203.mg	n.s.s.	26/99	208.mg	21/49						
b	1084	230.mg	n.s.s.	0/43	208.mg	1/11						
c	1084	1.30gm	n.s.s.	4/90	208.mg	0/32						
d	1084	1.01gm	n.s.s.	8/80	208.mg	0/25						
NIGROSINE 8005-03-6												
4166	1372	89.3mg	n.s.s.	0/7	150.mg	0/9	1.50gm	0/5			Allmark;jphp,9,622-628;1957	
a	1372	586.mg	n.s.s.	1/7	150.mg	1/9	1.50gm	0/5				
4167	1372	4.26mg	n.s.s.	0/5	12.0mg	0/5	120.mg	0/5				
a	1372	4.26mg	n.s.s.	0/5	12.0mg	0/5	120.mg	0/5				
NIOBATE, SODIUM 12034-09-2												
4168	1036	7.82mg	n.s.s.	15/71	.877mg	11/79					Kanisawa;canr,29,892-895;1969	
a	1036	24.1mg	n.s.s.	4/71	.877mg	0/79						
b	1036	6.56mg	n.s.s.	24/71	.877mg	18/79						
c	1036	10.8mg	n.s.s.	8/71	.877mg	5/79						
NITHIAZIDE 139-94-6												
4169	TR146	522.mg	n.s.s.	6/20	294.mg	13/50	587.mg	23/50				
a	TR146	924.mg	n.s.s.	3/20	294.mg	4/50	587.mg	12/50			liv:hpa,hpc,ndd.	
b	TR146	3.71gm	n.s.s.	3/20	294.mg	1/50	587.mg	2/50			lun:a/a,a/c.	
4170	TR146	349.mg	n.s.s.	4/20	271.mg	15/50	542.mg	25/50			liv:hpa,hpc.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	TR146	721.mg	n.s.s.	2/20	271.mg	6/50	542.mg	12/50			
b	TR146	415.mg	n.s.s.	10/20	271.mg	27/50	542.mg	28/50			
c	TR146	349.mg	n.s.s.	4/20	271.mg	15/50	542.mg	25/50			
d	TR146	874.mg	n.s.s.	3/20	271.mg	4/50	(542.mg	1/50)		liv:hpa,hpc,ndd. lun:a/a,a/c.	
4171	TR146	68.2mg	n.s.s.	1/20	28.2mg	5/50	56.5mg	15/50		mgl:cyn,fba; ski:fba; sub:fba.	
a	TR146	36.5mg	n.s.s.	13/20	28.2mg	28/50	56.5mg	38/50			
b	TR146	n.s.s.	n.s.s.	0/20	28.2mg	0/50	56.5mg	0/50		liv:hpa,hpc,ndd.	
4172	TR146	48.5mg	n.s.s.	11/20	22.6mg	25/50	45.2mg	24/50			
a	TR146	154.mg	n.s.s.	0/20	22.6mg	1/50	45.2mg	2/50		liv:hpa,hpc,ndd.	
NITRATE, SODIUM 7631-99-4											
4173	1490	10.1gm	n.s.s.	2/50	1.06gm	0/50	2.11gm	0/49		Maekawa;fctx,20,25-33;1982	
a	1490	2.99gm	n.s.s.	46/50	1.06gm	43/50	2.11gm	39/49			
4174	1490	10.2gm	n.s.s.	6/50	846.mg	7/50	1.69gm	4/50			
a	1490	409.mg	n.s.s.	47/50	846.mg	50/50	1.69gm	48/50			
4175	213	42.8mg	764.mg	3/15	165.mg	11/15				Lijinsky;jnci,50,1061-1063;1973	
a	213	35.3mg	665.mg	4/15	165.mg	12/15					
4176	213	83.5mg	n.s.s.	5/15	115.mg	6/15					
NITRIC OXIDE 10102-43-9											
4177	1388	38.4mg	n.s.s.	6/64	5.19mg	5/65				Oda;envr,22,254-263;1980	
NITRILOTRIACETIC ACID 139-13-9											
4178	TR6	4.77gm	n.s.s.	0/20	836.mg	0/50	1.67gm	4/50			
a	TR6	1.33gm	n.s.s.	4/20	836.mg	13/50	1.67gm	19/50			
b	TR6	9.71gm	n.s.s.	0/20	836.mg	1/50	1.67gm	0/50		liv:hpa,hpc,ndd. lun:a/a,a/c.	
c	TR6	3.80gm	n.s.s.	0/20	836.mg	2/50	1.67gm	4/50			
4179	TR6	1.04gm	2.17gm	0/20	771.mg	5/50	1.54gm	24/50		k/p:pam; kid:tla,uac.	
a	TR6	1.06gm	n.s.s.	10/20	771.mg	14/50	1.54gm	31/50			
b	TR6	9.66gm	n.s.s.	3/20	771.mg	3/50	1.54gm	2/50		liv:hpa,hpc,ndd. lun:a/a,a/c.	
c	TR6	4.68gm	n.s.s.	4/20	771.mg	5/50	1.54gm	6/50			
4180	TR6	508.mg	2.19gm	2/20	281.mg	8/50	562.mg	22/50			S
a	TR6	908.mg	2.72gm	0/20	281.mg	2/50	562.mg	13/50		kid:tla,tpp; ubl:sgc,tcc.	
b	TR6	967.mg	3.08gm	0/20	281.mg	2/50	562.mg	12/50		ubl:sgc,tcc.	
c	TR6	984.mg	4.86gm	1/20	281.mg	0/50	562.mg	14/50			S
d	TR6	1.28gm	10.1gm	0/20	281.mg	3/50	562.mg	7/50			S
e	TR6	278.mg	n.s.s.	14/20	281.mg	33/50	562.mg	47/50			
f	TR6	508.mg	2.19gm	2/20	281.mg	8/50	562.mg	22/50		liv:hpa,hpc,ndd.	
4181	TR6	234.mg	10.6gm	2/20	225.mg	16/50	(450.mg	8/50)		adr:phe; pit:bsa,cra; pni:isa; thy:fca,fcc. S	
a	TR6	1.21gm	7.43gm	0/20	225.mg	1/50	450.mg	7/50		kid:tla,uac; ure:pam,ppa.	
b	TR6	442.mg	n.s.s.	8/20	225.mg	26/50	450.mg	22/50			
c	TR6	3.30gm	n.s.s.	3/20	225.mg	5/50	450.mg	2/50		liv:hpa,hpc,ndd.	
4182	213	67.2mg	n.s.s.	5/15	165.mg	9/15				Lijinsky;jnci,50,1061-1063;1973	
4183	213	64.2mg	n.s.s.	4/15	115.mg	7/15					
NITRILOTRIACETIC ACID, TRISODIUM SALT, MONOHYDRATE 18662-53-8											
4184	TR6a	667.mg	n.s.s.	6/20	279.mg	11/50	557.mg	16/50			
a	TR6a	2.31gm	n.s.s.	2/20	279.mg	3/50	557.mg	2/50		liv:hpa,hpc,ndd. lun:a/a,a/c.	
b	TR6a	2.72gm	n.s.s.	1/20	279.mg	0/50	557.mg	2/50			
4185	TR6a	778.mg	n.s.s.	0/20	257.mg	3/49	514.mg	8/50		---	leu,lym. S
a	TR6a	730.mg	n.s.s.	7/20	257.mg	17/49	514.mg	14/50			
b	TR6a	2.12gm	n.s.s.	4/20	257.mg	4/49	514.mg	3/50		liv:hpa,hpc,ndd. lun:a/a,a/c.	
c	TR6a	409.mg	n.s.s.	2/20	257.mg	7/49	(514.mg	0/50)			
4186	TR6	417.mg	1.73gm	0/24	10.0mg	0/24	100.mg	1/24	1.00gm	13/24	kid:tla,uac; ubl:pam,tcc; ure:tcc.
a	TR6	808.mg	10.9gm	0/24	10.0mg	0/24	100.mg	1/24	1.00gm	5/24	ubl:pam,tcc.
b	TR6	919.mg	8.10gm	0/24	10.0mg	0/24	100.mg	0/24	1.00gm	6/24	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
c	TR6	994.mg	17.1gm	0/24	10.0mg	0/24	100.mg	0/24	1.00gm	4/24		kid:tla,uac.
d	TR6	481.mg	n.s.s.	18/24	10.0mg	19/24	100.mg	17/24	1.00gm	20/24		
e	TR6	2.37gm	n.s.s.	1/24	10.0mg	3/24	100.mg	1/24	1.00gm	1/24		liv:hpa,hpc,nnd.
4187	TR6a	559.mg	n.s.s.	13/20	276.mg	36/50	552.mg	26/49				
a	TR6a	2.96gm	n.s.s.	0/20	276.mg	1/50	552.mg	1/49				liv:hpa,hpc,nnd.
4188	TR6	261.mg	1.10gm	0/24	8.00mg	0/24	80.0mg	0/24	800.mg	14/24	kid:hem,tcc,tla,uac; ubl:tcc; ure:tcc.	
a	TR6	367.mg	2.13gm	0/24	8.00mg	0/24	80.0mg	0/24	800.mg	9/24		kid:hem,tcc,tla,uac.
b	TR6	412.mg	2.66gm	0/24	8.00mg	0/24	80.0mg	0/24	800.mg	8/24		
c	TR6	830.mg	13.7gm	0/24	8.00mg	0/24	80.0mg	0/24	800.mg	4/24		
d	TR6	157.mg	1.21gm	8/24	8.00mg	15/24	80.0mg	10/24	800.mg	18/24		
e	TR6	579.mg	n.s.s.	2/24	8.00mg	0/24	80.0mg	1/24	800.mg	3/24		liv:hpa,hpc,nnd.
4189	TR6a	409.mg	n.s.s.	10/20	221.mg	26/50	441.mg	24/50				
a	TR6a	3.59gm	n.s.s.	1/20	221.mg	0/50	441.mg	1/50				liv:hpa,hpc,nnd.
4190	1089m	139.mg	n.s.s.	4/101	50.0mg	13/96					Goyer;jnci,66,869-880;1981/pers.comm.	
a	1089m	35.5mg	n.s.s.	61/101	50.0mg	70/96						
4191	1089n	113.mg	748.mg	1/85	50.0mg	13/87						
a	1089n	37.9mg	n.s.s.	50/85	50.0mg	61/87						
NITRITE, SODIUM 7632-00-0												
4192	1831	402.mg	n.s.s.	1/14	149.mg	0/15					Ernst;carc,8,1843-1845;1987/pers.comm.	
a	1831	78.7mg	n.s.s.	5/14	149.mg	7/15						
4193	1831	391.mg	n.s.s.	0/16	131.mg	0/15						
a	1831	134.mg	n.s.s.	10/16	131.mg	6/15						
4194	TR495	572.mg	n.s.s.	1/50	45.0mg	0/50	90.0mg	1/50	165.mg	5/50		for:sqc,sqp.
a	TR495	124.mg	n.s.s.	21/50	45.0mg	32/50	90.0mg	31/50	165.mg	32/50		
b	TR495	553.mg	n.s.s.	10/50	45.0mg	8/50	90.0mg	7/50	165.mg	7/50		liv:hpa,hpb,hpc.
c	TR495	300.mg	n.s.s.	1/50	45.0mg	6/50	90.0mg	5/50	165.mg	6/50		lun:a/a,a/c.
4195	TR495	196.mg	n.s.s.	40/50	60.0mg	35/50	120.mg	36/50	220.mg	38/50		
a	TR495	324.mg	n.s.s.	26/50	60.0mg	25/50	120.mg	17/50	220.mg	25/50		liv:hpa,hpb,hpc.
b	TR495	316.mg	n.s.s.	13/50	60.0mg	6/50	120.mg	12/50	220.mg	17/50		lun:a/a,a/c.
4196	1361	532.mg	n.s.s.	1/92	489.mg	0/12					Murthy;ijcn,23,253-259;1979	
a	1361	532.mg	n.s.s.	2/92	489.mg	0/12						
b	1361	268.mg	n.s.s.	17/92	489.mg	2/12						
4197	1925	788.mg	n.s.s.	1/20	36.8mg	1/15	368.mg	2/17			Anderson;canr,45,3561-3566;1985	
a	1925	1.33gm	n.s.s.	3/20	36.8mg	1/15	368.mg	1/17				
4198	1361	236.mg	n.s.s.	1/95	452.mg	1/11					Murthy;ijcn,23,253-259;1979	
a	1361	451.mg	n.s.s.	2/95	452.mg	0/11						
b	1361	185.mg	n.s.s.	8/95	452.mg	2/11						
4199	2328	1.71gm	n.s.s.	3/20	173.mg	3/50	244.mg	2/50	471.mg	8/50	Inai;gann,70,203-208;1979/pers.comm.	
a	2328	6.27gm	n.s.s.	1/20	173.mg	0/50	244.mg	0/50	471.mg	1/50		
b	2328	708.mg	n.s.s.	10/20	173.mg	19/50	244.mg	21/50	471.mg	22/50		
4200	2328	2.29gm	n.s.s.	2/20	241.mg	6/50	429.mg	4/50	702.mg	7/50		
a	2328	5.18gm	n.s.s.	0/20	241.mg	1/50	429.mg	1/50	702.mg	1/50		
b	2328	1.67gm	n.s.s.	9/20	241.mg	23/50	429.mg	16/50	702.mg	18/50		
4201	1255	79.3mg	n.s.s.	1/16	30.7mg	2/20					Anderson;ijcn,24,319-322;1979	
a	1255	132.mg	n.s.s.	3/16	30.7mg	1/20						
4202	1255	25.7mg	n.s.s.	4/21	27.7mg	6/17						
a	1255	52.8mg	n.s.s.	5/21	27.7mg	3/17						
4203	2320	8.36gm	n.s.s.	1/100	400.mg	1/100					Hawkes;huet,11,279-281;1992	
4204	2320	8.11gm	n.s.s.	0/100	333.mg	0/100						
4205	TR495	108.mg	n.s.s.	45/50	42.9mg	45/50	85.7mg	49/50	171.mg	45/50		
a	TR495	n.s.s.	n.s.s.	0/50	42.9mg	0/50	85.7mg	0/50	171.mg	0/50		liv:hpa,hpb,hpc.
4206	1361	273.mg	n.s.s.	0/44	188.mg	0/16					Murthy;ijcn,23,253-259;1979	
a	1361	88.4mg	n.s.s.	20/44	188.mg	6/16						
4207	1490	420.mg	n.s.s.	1/49	51.0mg	0/48	85.0mg	0/48			Maekawa;fctx,20,25-33;1982	
a	1490	154.mg	n.s.s.	45/49	51.0mg	41/48	85.0mg	35/48				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
4208	1645m	56.7mg	817.mg	4/24	80.0mg	14/24				Lijinsky;jtxe,13,609-614;1984/1983a	
a	1645m	78.9mg	n.s.s.	4/24	80.0mg	11/24					
b	1645m	162.mg	n.s.s.	0/24	80.0mg	4/24					
4209	1654m	62.0mg	2.04gm	4/24	80.9mg	13/24				Lijinsky;fctx,22,715-720;1984/1983a	
a	1654m	69.2mg	n.s.s.	4/24	80.9mg	12/24					
b	1654m	190.mg	n.s.s.	0/24	80.9mg	3/24					
4210	1654n	73.1mg	523.mg	0/24	63.5mg	8/24					
a	1654n	73.1mg	523.mg	0/24	63.5mg	8/24					
b	1654n	44.1mg	n.s.s.	8/24	63.5mg	15/24					
c	1654n	60.7mg	n.s.s.	4/24	63.5mg	11/24					
d	1654n	68.2mg	n.s.s.	4/24	63.5mg	10/24					
e	1654n	85.8mg	n.s.s.	1/24	63.5mg	7/24					
f	1654n	252.mg	n.s.s.	0/24	63.5mg	1/24					
4211	1854	62.3mg	897.mg	4/24	87.9mg	14/24				Lijinsky;txih,3,413-422;1987/pers.comm.	
a	1854	86.7mg	n.s.s.	4/24	87.9mg	11/24					
b	1854	178.mg	n.s.s.	0/24	87.9mg	4/24					
4212	TR495	325.mg	n.s.s.	0/50	37.5mg	1/50	75.0mg	6/50	150.mg	3/50	S
a	TR495	81.2mg	n.s.s.	45/50	37.5mg	39/50	75.0mg	44/50	(150.mg)	37/50)	
b	TR495	1.07gm	n.s.s.	0/50	37.5mg	0/50	75.0mg	1/50	150.mg	0/50	
4213	1361	218.mg	n.s.s.	0/50	151.mg	0/16				liv:hpa,hpb,hpc. Murthy;ijcn,23,253-259;1979	
a	1361	58.8mg	n.s.s.	30/50	151.mg	8/16					
4214	1490	306.mg	n.s.s.	4/46	45.2mg	5/49	81.0mg	7/50		Maekawa;fctx,20,25-33;1982	
a	1490	n.s.s.	n.s.s.	46/46	45.2mg	49/49	81.0mg	50/50			
4215	1645m	114.mg	n.s.s.	3/24	64.0mg	6/24				Lijinsky;jtxe,13,609-614;1984/1983a	
a	1645m	125.mg	n.s.s.	2/24	64.0mg	5/24					
b	1645m	297.mg	n.s.s.	1/24	64.0mg	1/24					
4216	1654m	235.mg	n.s.s.	5/24	64.7mg	3/24				Lijinsky;fctx,22,715-720;1984/1983a	
4217	1654n	109.mg	n.s.s.	3/24	44.5mg	4/24					
a	1654n	143.mg	n.s.s.	1/24	44.5mg	2/24					
b	1654n	160.mg	n.s.s.	2/24	44.5mg	2/24					
4218	1854	164.mg	n.s.s.	3/24	92.3mg	6/24				Lijinsky;txih,3,413-422;1987/pers.comm.	
a	1854	180.mg	n.s.s.	2/24	92.3mg	5/24					
b	1854	429.mg	n.s.s.	1/24	92.3mg	1/24					
4219	1920	109.mg	n.s.s.	16/20	80.0mg	31/48	(200.mg	7/50)		Grant;fctx,27,565-571;1989	
a	1920	348.mg	n.s.s.	9/18	80.0mg	7/39	(200.mg	3/40)			
b	1920	371.mg	n.s.s.	15/20	80.0mg	14/50	(200.mg	10/49)			
c	1920	1.63gm	n.s.s.	0/18	80.0mg	1/39	200.mg	0/40			
d	1920	389.mg	n.s.s.	20/20	80.0mg	45/50	200.mg	34/50			
4220	471	231.mg	n.s.s.	6/136	45.0mg	16/136				Newberne;scie,204,1079-1081;1979	
a	471	246.mg	n.s.s.	6/136	45.0mg	15/136					
b	471	952.mg	n.s.s.	0/136	45.0mg	1/136					
c	471	1.08gm	n.s.s.	1/136	45.0mg	1/136					
4221	2162	74.3mg	n.s.s.	0/15	100.mg	0/15				Kawabe;gann,85,17-25;1994	
a	2162	74.3mg	n.s.s.	0/15	100.mg	0/15					
4222	213	21.4mg	n.s.s.	4/15	65.9mg	10/15				Lijinsky;jnci,50,1061-1063;1973	
4223	1189	41.3mg	n.s.s.	0/20	11.2mg	0/13				Greenblatt;jnci,50,799-802;1973	
a	1189	6.48mg	n.s.s.	14/20	11.2mg	9/13					
4224	213	18.8mg	n.s.s.	5/15	46.2mg	9/15				Lijinsky;jnci,50,1061-1063;1973	
4225	1189	33.4mg	n.s.s.	0/20	7.85mg	0/15				Greenblatt;jnci,50,799-802;1973	
a	1189	12.9mg	n.s.s.	7/20	7.85mg	4/15					
4226	1352	63.2mg	2.04gm	0/19	32.0mg	1/22	64.0mg	5/19		Aoyagi;jnci,65,411-414;1980	
4227	1910m	168.mg	n.s.s.	0/17	75.0mg	0/17	150.mg	0/17		Yamamoto;clet,45,221-225;1989/1996/pers.comm.	
4228	1914	168.mg	n.s.s.	0/20	75.0mg	0/20	150.mg	0/20		Yamamoto;carc,10,1607-1611;1989	
a	1914	168.mg	n.s.s.	0/20	75.0mg	0/20	150.mg	0/20			
b	1914	168.mg	n.s.s.	0/20	75.0mg	0/20	150.mg	0/20			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
3-NITRO-p-ACETOPHENETIDE 1777-84-0										
4229	TR133	1.44gm	n.s.s.	22/50	763.mg	17/50	(1.53gm	15/50)		
a	TR133	8.86gm	n.s.s.	4/50	763.mg	3/50	1.53gm	1/50	liv:hpa,hpc,nnd.	
b	TR133	4.33gm	n.s.s.	1/50	763.mg	4/50	1.53gm	2/50	lun:a/a,a/c.	
4230	TR133	1.02gm	n.s.s.	10/50	697.mg	13/49	1.39gm	23/50	liv:hpa,hpc.	
a	TR133	989.mg	n.s.s.	21/50	697.mg	20/49	1.39gm	29/50		
b	TR133	1.02gm	n.s.s.	10/50	697.mg	13/49	1.39gm	23/50	liv:hpa,hpc,nnd.	
c	TR133	5.73gm	n.s.s.	11/50	697.mg	2/49	1.39gm	6/50	lun:a/a,a/c.	
4231	TR133	649.mg	n.s.s.	45/50	66.0mg	12/50	130.mg	15/50		
a	TR133	692.mg	n.s.s.	2/50	66.0mg	0/50	130.mg	3/50	liv:hpa,hpc,nnd.	
4232	TR133	118.mg	n.s.s.	26/50	52.8mg	19/50	(105.mg	13/50)		
a	TR133	1.38gm	n.s.s.	3/50	52.8mg	0/50	105.mg	0/50	liv:hpa,hpc,nnd.	
5-NITRO-o-ANISIDINE 99-59-2										
4233	TR127	917.mg	n.s.s.	9/100	836.mg	5/50	666.mg	10/50		----:leu,lym. S
a	TR127	1.32gm	n.s.s.	3/100	836.mg	0/50	666.mg	8/50		
b	TR127	632.mg	n.s.s.	29/100	836.mg	9/50	666.mg	22/50		
c	TR127	1.32gm	n.s.s.	3/100	836.mg	0/50	666.mg	8/50	liv:hpa,hpc,nnd.	
d	TR127	3.87gm	n.s.s.	5/100	836.mg	0/50	666.mg	2/50	lun:a/a,a/c.	
4234	TR127	504.mg	6.19gm	18/100	780.mg	25/50	(615.mg	3/50)		S
a	TR127	518.mg	11.3gm	20/100	780.mg	25/50	(615.mg	3/50)	liv:hpa,hpc.	S
b	TR127	516.mg	n.s.s.	45/100	780.mg	32/50	(615.mg	17/50)		
c	TR127	518.mg	11.3gm	20/100	780.mg	25/50	(615.mg	3/50)	liv:hpa,hpc,nnd.	
d	TR127	2.53gm	n.s.s.	15/100	780.mg	5/50	(615.mg	2/50)	lun:a/a,a/c.	
4235	TR127	107.mg	292.mg	3/100	147.mg	17/50	294.mg	22/50	cli:adn,can,ppa,sgc; ski:sec,sgc; zym:sec,sgc.	C
a	TR127	102.mg	642.mg	2/100	147.mg	11/50	(294.mg	4/50)	mgl:acn,adn,pac.	S
b	TR127	133.mg	454.mg	3/100	147.mg	12/50	294.mg	14/50	cli:adn,can,ppa,sgc.	
c	TR127	117.mg	609.mg	0/100	147.mg	10/50	(294.mg	4/50)		S
d	TR127	99.1mg	1.63gm	1/100	147.mg	5/50	(294.mg	1/50)	lun:a/a,a/c.	S
e	TR127	306.mg	1.23gm	0/100	147.mg	5/50	294.mg	10/50	ski:sec,sgc; zym:sec,sgc.	
f	TR127	458.mg	2.42gm	0/100	147.mg	1/50	294.mg	9/50	cli:can,sgc.	
g	TR127	529.mg	3.95gm	0/100	147.mg	0/50	294.mg	7/50		
h	TR127	44.8mg	154.mg	83/100	147.mg	45/50	294.mg	41/50		
i	TR127	589.mg	n.s.s.	2/100	147.mg	0/50	294.mg	2/50	liv:hpa,hpc,nnd.	
4236	TR127	16.4mg	43.8mg	2/99	118.mg	36/50	235.mg	45/50	ski:bcc,cuc,sea,sec,sgc,sgc,tri; zym:cuc,sec,sgc.	C
a	TR127	17.3mg	49.6mg	2/99	118.mg	30/50	235.mg	42/50	ski:bcc,sec,sgc,sgc,tri.	
b	TR127	21.5mg	78.8mg	0/99	118.mg	20/50	235.mg	9/50		
c	TR127	22.7mg	105.mg	1/99	118.mg	7/50	235.mg	30/50		
d	TR127	27.1mg	113.mg	0/99	118.mg	14/50	235.mg	26/50	ski:sea,sec.	
e	TR127	61.3mg	176.mg	1/99	118.mg	10/50	235.mg	29/50	ski:cuc,sec,sgc; zym:cuc,sec,sgc.	
f	TR127	38.0mg	528.mg	10/99	118.mg	8/50	235.mg	5/50		S
g	TR127	87.7mg	286.mg	0/99	118.mg	5/50	235.mg	21/50		
h	TR127	45.7mg	1.17gm	2/99	118.mg	2/50	235.mg	5/50	pre:adn,can.	S
i	TR127	107.mg	627.mg	1/99	118.mg	3/50	235.mg	12/50		
j	TR127	55.5mg	2.47gm	1/99	118.mg	1/50	235.mg	5/50	adr:coa,coc.	S
k	TR127	7.94mg	21.3mg	58/99	118.mg	44/50	235.mg	48/50		
l	TR127	49.9mg	1.68gm	4/99	118.mg	3/50	235.mg	3/50	liv:hpa,hpc,nnd.	
5-NITRO-2-FURALDEHYDE SEMICARBAZONE (nitrofurazone) 59-87-0										
4237	TR337	15.4mg	37.7mg	1/50	19.3mg	20/50	39.9mg	29/50	ova:gct,mtb.	C
a	TR337	20.1mg	48.8mg	0/50	19.3mg	18/50	39.9mg	20/50	ova:mtb,tua.	S
b	TR337	20.7mg	50.6mg	0/50	19.3mg	17/50	39.9mg	20/50		
c	TR337	60.2mg	1.14gm	1/50	19.3mg	4/50	39.9mg	9/50		
d	TR337	19.9mg	n.s.s.	36/50	19.3mg	43/50	39.9mg	42/50		
e	TR337	214.mg	n.s.s.	3/50	19.3mg	3/50	39.9mg	1/50	liv:hpa,hpc,nnd.	
f	TR337	73.0mg	n.s.s.	3/50	19.3mg	7/50	39.9mg	6/50	lun:a/a,a/c.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
4238	TR337	60.1mg	n.s.s.	3/50	17.8mg	3/50	36.8mg	8/50			sub: fbs, fib, nfs, srn. S
a	TR337	23.9mg	n.s.s.	28/50	17.8mg	26/50	36.8mg	26/50			
b	TR337	20.2mg	n.s.s.	16/50	17.8mg	15/50	(36.8mg	5/50)			liv: hpa, hpc, nnd.
c	TR337	69.1mg	n.s.s.	8/50	17.8mg	7/50	36.8mg	6/50			lun: a/a, a/c.
4239	TR337	9.47mg	44.2mg	8/50	15.4mg	36/50	30.7mg	36/50			
a	TR337	20.3mg	n.s.s.	44/50	15.4mg	47/50	30.7mg	46/50			
b	TR337	87.3mg	n.s.s.	0/50	15.4mg	2/50	30.7mg	2/50			liv: hpa, hpc, nnd.
4240	TR337	18.8mg	195.mg	0/50	12.3mg	7/50	(24.6mg	2/50)			tnv: men, msm.
a	TR337	55.2mg	548.mg	0/50	12.3mg	0/50	24.6mg	5/50			ski: sea, tri.
b	TR337	29.4mg	n.s.s.	1/50	12.3mg	8/50	24.6mg	5/50			
c	TR337	59.1mg	n.s.s.	0/50	12.3mg	0/50	24.6mg	4/50			S
d	TR337	9.75mg	n.s.s.	47/50	12.3mg	46/50	24.6mg	40/50			
e	TR337	73.2mg	n.s.s.	7/50	12.3mg	4/50	24.6mg	3/50			liv: hpa, hpc, nnd.
4241	1063m	3.15mg	54.3mg	0/5	33.3mg	11/18					Morris; canr, 29, 2145-2156; 1969
a	1063m	33.3mg	n.s.s.	0/5	33.3mg	0/18					
4242	1063n	n.s.s.	4.64mg	3/16	36.8mg	24/24					
a	1063n	60.5mg	n.s.s.	0/16	36.8mg	0/24					
4243	1120	3.96mg	14.7mg	2/29	34.8mg	22/29					Erturk; canr, 30, 1409-1412; 1970
5-NITRO-2-FURAMIDOXIME 772-43-0											
4244	200a	18.5mg	n.s.s.	0/39	6.97mg	0/32					Cohen; jnci, 51, 403-417; 1973
a	200a	6.78mg	n.s.s.	2/39	6.97mg	3/32					
5-NITRO-2-FURANMETHANEDIOL DIACETATE 92-55-7											
4245	1063m	18.5mg	n.s.s.	0/5	66.7mg	0/5					Morris; canr, 29, 2145-2156; 1969
a	1063m	18.5mg	n.s.s.	0/5	66.7mg	0/5					
4246	1063n	18.5mg	n.s.s.	3/16	73.6mg	4/13					
a	1063n	65.6mg	n.s.s.	0/16	73.6mg	0/13					
3-(5-NITRO-2-FURYL)-IMIDAZO(1,2-alpha)PYRIDINE (NFIP) 75198-31-1											
4247	1163	13.3mg	37.7mg	0/39	65.8mg	28/40	(160.mg	23/36	371.mg	35/44)	Cabral; tumo, 66, 131-144; 1980
a	1163	68.0mg	329.mg	2/39	65.8mg	12/40	160.mg	16/39	(371.mg	15/50)	
b	1163	412.mg	2.15gm	0/39	65.8mg	0/40	160.mg	5/40	371.mg	8/50	
c	1163	704.mg	n.s.s.	6/39	65.8mg	6/40	160.mg	3/35	371.mg	6/43	
d	1163	138.mg	n.s.s.	1/37	65.8mg	0/36	160.mg	0/23	371.mg	0/16	
e	1163	n.s.s.	20.3mg	28/39	65.8mg	40/40	160.mg	40/40	371.mg	50/50	
4248	1163	26.8mg	63.3mg	0/39	65.8mg	19/35	143.mg	20/33	(409.mg	18/30)	
a	1163	39.4mg	174.mg	3/39	65.8mg	19/38	143.mg	17/37	(409.mg	18/30)	
b	1163	248.mg	n.s.s.	5/39	65.8mg	5/36	143.mg	8/35	409.mg	8/31	
c	1163	765.mg	n.s.s.	7/37	65.8mg	1/33	143.mg	1/28	409.mg	1/15	
d	1163	26.0mg	338.mg	21/39	65.8mg	38/38	143.mg	37/37	409.mg	38/42	
4249	1163	15.9mg	50.7mg	0/32	89.9mg	25/31					
a	1163	17.5mg	85.0mg	8/32	89.9mg	25/31					
b	1163	56.1mg	304.mg	0/32	89.9mg	10/31					
c	1163	134.mg	n.s.s.	0/32	89.9mg	3/31					
d	1163	145.mg	n.s.s.	1/32	89.9mg	3/31					
e	1163	6.29mg	43.0mg	14/32	89.9mg	30/31					
4250	1163	12.1mg	40.4mg	0/31	77.1mg	23/29					
a	1163	23.4mg	101.mg	1/31	77.1mg	16/29					
b	1163	47.0mg	331.mg	0/31	77.1mg	8/29					
c	1163	156.mg	n.s.s.	0/31	77.1mg	1/29					
d	1163	4.72mg	32.9mg	13/31	77.1mg	28/29					
5-(5-NITRO-2-FURYL)-1,3,4-OXADIAZOLE-2-OL 2122-86-3											
4251	1126	4.53mg	22.7mg	2/39	17.4mg	16/35					Cohen; jnci, 54, 841-850; 1975
a	1126	11.8mg	302.mg	0/39	17.4mg	5/35					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	1126	50.6mg	n.s.s.	0/39	17.4mg	0/35				
c	1126	4.53mg	22.7mg	2/39	17.4mg	16/35				
N-([3-(5-NITRO-2-FURYL)-1,2,4-OXADIAZOLE-5-YL]-METHYL)ACETAMIDE 36133-88-7										
4252	1126	3.24mg	22.9mg	2/24	13.9mg	16/32			Cohen;jnci,54,841-850;1975	
a	1126	4.98mg	30.0mg	0/24	13.9mg	10/32				
b	1126	14.7mg	n.s.s.	0/24	13.9mg	2/32				
c	1126	14.7mg	n.s.s.	0/24	13.9mg	2/32				
d	1126	37.0mg	n.s.s.	0/24	13.9mg	0/32				
e	1126	2.76mg	14.7mg	2/24	13.9mg	18/32				
N-[5-(5-NITRO-2-FURYL)-1,3,4-THIADIAZOL-2-YL]ACETAMIDE 2578-75-8										
4253	1076	2.82mg	15.0mg	0/29	109.mg	21/22			Cohen;canr,33,1593-1597;1973	
a	1076	7.41mg	29.6mg	0/29	109.mg	17/22				
b	1076	35.8mg	2.28gm	0/29	109.mg	4/22				
c	1076	138.mg	n.s.s.	0/29	109.mg	0/22				
d	1076	138.mg	n.s.s.	0/29	109.mg	0/22				
e	1076	2.85mg	15.9mg	2/29	109.mg	21/22				
4254	1126	5.08mg	16.7mg	0/24	53.0mg	22/30			Cohen;jnci,54,841-850;1975	
a	1126	6.06mg	20.6mg	0/24	53.0mg	20/30				
b	1126	6.59mg	22.9mg	0/24	53.0mg	19/30				
c	1126	8.40mg	31.9mg	0/24	53.0mg	16/30				
d	1126	9.10mg	36.0mg	0/24	53.0mg	15/30				
e	1126	9.87mg	40.9mg	0/24	53.0mg	14/30				
f	1126	11.7mg	55.1mg	0/24	53.0mg	12/30				
g	1126	17.0mg	145.mg	0/24	53.0mg	8/30				
h	1126	21.3mg	561.mg	0/24	53.0mg	6/30				
i	1126	16.9mg	n.s.s.	2/24	53.0mg	9/30				
j	1126	28.2mg	n.s.s.	0/24	53.0mg	4/30				
k	1126	33.5mg	n.s.s.	0/24	53.0mg	3/30				
l	1126	33.5mg	n.s.s.	0/24	53.0mg	3/30				
m	1126	33.5mg	n.s.s.	0/24	53.0mg	3/30				
n	1126	n.s.s.	5.41mg	2/24	53.0mg	30/30				
4-(5-NITRO-2-FURYL) THIAZOLE 53757-28-1										
4255	1411	8.56mg	38.6mg	6/36	52.1mg	24/35			Swaminathan;canr,41,2648-2653;1981	
a	1411	11.2mg	38.0mg	0/36	52.1mg	19/35				
b	1411	161.mg	n.s.s.	0/36	52.1mg	0/35				
c	1411	4.26mg	15.2mg	6/36	52.1mg	31/35				
N-[4-(5-NITRO-2-FURYL)-2-THIAZOLYL]ACETAMIDE (NFTA) 531-82-8										
4256	1077	4.14mg	20.3mg	0/22	63.1mg	16/18			Croft;jnci,51,941-949;1973	
a	1077	22.7mg	388.mg	0/22	63.1mg	5/18				
b	1077	27.6mg	372.mg	0/24	63.1mg	6/24				
c	1077	141.mg	n.s.s.	0/24	63.1mg	0/24				
d	1077	141.mg	n.s.s.	0/24	63.1mg	0/24				
4257	1122	6.89mg	16.4mg	0/28	69.3mg	47/56			Erturk;canr,30,936-941;1970	
a	1122	21.9mg	66.4mg	0/28	69.3mg	23/56				
b	1122	31.7mg	132.mg	0/28	69.3mg	16/56				
c	1122	322.mg	n.s.s.	0/28	69.3mg	0/56				
d	1122	4.51mg	11.6mg	0/28	69.3mg	52/56				
4258	1126m	13.4mg	66.1mg	4/35	69.3mg	20/34			Cohen;jnci,54,841-850;1975	
a	1126m	77.6mg	n.s.s.	0/35	69.3mg	2/34				
b	1126m	196.mg	n.s.s.	0/35	69.3mg	0/34				
c	1126m	12.4mg	56.4mg	4/35	69.3mg	21/34				
4259	1126n	16.5mg	70.4mg	1/32	69.3mg	17/35				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
	c	1657m	42.8mg	n.s.s.	0/42	38.9mg	1/20			
4272	1657n	5.36mg	17.5mg	0/42	80.0mg	40/42				
	a	1657n	11.3mg	30.5mg	0/42	80.0mg	34/42			
	b	1657n	79.4mg	1.19gm	0/42	80.0mg	6/42			
	c	1657n	380.mg	n.s.s.	0/42	80.0mg	0/42			
4273	1124	2.24mg	10.3mg	0/30	68.6mg	29/30			Erturk;canr,27,1998-2002;1967	
4274	1125m	n.s.s.	4.81mg	0/34	34.9mg	30/30			Erturk;canr,29,2219-2228;1969	
	a	1125m	n.s.s.	5.30mg	0/27	34.9mg	24/24			
	b	1125m	19.8mg	234.mg	0/34	34.9mg	6/30			
4275	1125n	n.s.s.	8.63mg	0/34	61.8mg	29/29				
	a	1125n	n.s.s.	9.56mg	0/27	61.8mg	23/23			
	b	1125n	33.6mg	383.mg	0/34	61.8mg	6/29			
4276	1125m	n.s.s.	3.99mg	0/30	37.6mg	15/15				
4277	1125n	n.s.s.	6.07mg	0/30	66.5mg	20/20				
4278	1123	n.s.s.	4.76mg	0/15	62.7mg	30/30			Adolphs;urre,6,19-27;1978	
N,N'-[6-(5-NITRO-2-FURYL)-s-TRIAZINE-2,4-DIYL]BISACETAMIDE 51325-35-0										
4279	200a	8.17mg	27.0mg	2/39	69.7mg	25/33				
	a	200a	16.0mg	60.3mg	0/39	69.7mg	16/33			
	b	200a	191.mg	n.s.s.	0/39	69.7mg	0/33			
	c	200a	7.44mg	24.3mg	2/39	69.7mg	26/33			
3-NITRO-3-HEXENE 4812-22-0										
4280	1360	.131mg	n.s.s.	0/21	.291mg	5/27				
4281	1366m	88.6ug	n.s.s.	0/10	.332mg	2/10				
	a	1366m	97.1ug	n.s.s.	1/10	.332mg	2/10			
4282	1366n	.125mg	n.s.s.	0/10	.332mg	1/10				
4283	1360	4.91mg	19.8mg	0/100	.326mg	6/100	.651mg	11/100		Deichmann;imed,34,800-807;1965
3-NITRO-4-HYDROXYPHENYLARSONIC ACID (roxarsone) 121-19-7										
4284	TR345	32.7mg	n.s.s.	24/50	12.8mg	11/50	25.5mg	18/50		
	a	TR345	196.mg	n.s.s.	3/50	12.8mg	0/50	25.5mg	0/50	liv:hpa,hpc,nnd.
	b	TR345	34.8mg	n.s.s.	3/50	12.8mg	4/50	25.5mg	5/50	lun:a/a,a/c.
4285	TR345	56.5mg	n.s.s.	0/50	11.8mg	2/50	23.5mg	4/50		adr:csa,coa. S
	a	TR345	29.5mg	n.s.s.	35/50	11.8mg	30/50	23.5mg	34/50	
	b	TR345	71.9mg	n.s.s.	12/50	11.8mg	15/50	23.5mg	7/50	liv:hpa,hpc,nnd.
	c	TR345	63.0mg	n.s.s.	11/50	11.8mg	5/50	23.5mg	10/50	lun:a/a,a/c.
4286	213b	6.88mg	n.s.s.	14/16	6.50mg	20/30	13.0mg	27/33		Prier;txap,5,526-542;1963
	a	213b	10.9mg	n.s.s.	6/16	6.50mg	16/30	13.0mg	15/33	
4287	213b	30.1mg	n.s.s.	0/10	6.00mg	0/22	12.0mg	1/12		
	a	213b	12.5mg	n.s.s.	1/10	6.00mg	5/22	12.0mg	2/12	
	b	213b	12.6mg	n.s.s.	4/10	6.00mg	6/22	12.0mg	4/12	
4288	TR345	4.18mg	n.s.s.	48/50	2.45mg	47/50	4.93mg	46/50		
	a	TR345	n.s.s.	n.s.s.	0/50	2.45mg	1/50	4.93mg	0/50	liv:hpa,hpc,nnd.
4289	TR345	1.28mg	n.s.s.	6/50	1.96mg	13/50	(3.92mg)	8/50)		S
	a	TR345	6.87mg	n.s.s.	0/50	1.96mg	3/50	3.92mg	4/50	S
	b	TR345	6.46mg	n.s.s.	1/50	1.96mg	1/50	3.92mg	5/50	
	c	TR345	1.58mg	n.s.s.	46/50	1.96mg	48/50	3.92mg	47/50	
	d	TR345	18.5mg	n.s.s.	2/50	1.96mg	2/50	3.92mg	1/50	liv:hpa,hpc,nnd.
4290	213b	15.2mg	n.s.s.	14/27	2.50mg	18/28	10.0mg	11/28		Prier;txap,5,526-542;1963
	a	213b	45.4mg	n.s.s.	4/27	2.50mg	2/28	10.0mg	1/28	
4291	213b	21.7mg	n.s.s.	4/24	2.00mg	2/24	8.00mg	2/22		
	a	213b	22.9mg	n.s.s.	1/24	2.00mg	1/24	8.00mg	1/22	
2-NITRO-p-PHENYLENEDIAMINE 5307-14-2										
4292	TR169	346.mg	6.17gm	1/20	248.mg	10/50	490.mg	17/50		liv:hpa,hpc.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	TR169	244.mg	n.s.s.	4/20	248.mg	18/50	490.mg	27/50		
b	TR169	346.mg	6.17gm	1/20	248.mg	10/50	490.mg	17/50	liv:hpa,hpc,nnd.	
c	TR169	898.mg	n.s.s.	0/20	248.mg	5/50	490.mg	3/50	lun:a/a,a/c.	
4293	TR169	326.mg	n.s.s.	9/20	229.mg	17/50	(457.mg)	7/50)		
a	TR169	1.60gm	n.s.s.	3/20	229.mg	7/50	457.mg	3/50	liv:hpa,hpc,nnd.	
b	TR169	318.mg	n.s.s.	1/20	229.mg	8/50	(457.mg)	2/50)	lun:a/a,a/c.	
4294	TR169	308.mg	n.s.s.	0/20	41.0mg	0/50	82.0mg	4/50	---:leu,lym.	S
a	TR169	153.mg	n.s.s.	11/20	41.0mg	12/50	82.0mg	17/50		
b	TR169	666.mg	n.s.s.	1/20	41.0mg	0/50	82.0mg	1/50	liv:hpa,hpc,nnd.	
4295	TR169	96.6mg	n.s.s.	0/20	16.0mg	1/50	32.8mg	6/50	thy:cca,ccr.	S
a	TR169	90.8mg	n.s.s.	9/20	16.0mg	15/50	32.8mg	13/50		
b	TR169	489.mg	n.s.s.	1/20	16.0mg	0/50	32.8mg	0/50	liv:hpa,hpc,nnd.	
4-NITRO-o-PHENYLENEDIAMINE 99-56-9										
4296	TR180	924.mg	n.s.s.	8/20	478.mg	18/50	(956.mg)	11/50)		
a	TR180	2.64gm	n.s.s.	1/20	478.mg	9/50	956.mg	3/50	liv:hpa,hpc,nnd.	
b	TR180	3.79gm	n.s.s.	3/20	478.mg	5/50	956.mg	4/50	lun:a/a,a/c.	
4297	TR180	539.mg	n.s.s.	12/20	441.mg	25/50	(883.mg)	12/50)		
a	TR180	3.51gm	n.s.s.	4/20	441.mg	5/50	883.mg	4/50	liv:hpa,hpc,nnd.	
b	TR180	1.96gm	n.s.s.	3/20	441.mg	13/50	883.mg	6/50	lun:a/a,a/c.	
4298	TR180	36.0mg	n.s.s.	15/20	18.4mg	31/50	36.8mg	33/50		
a	TR180	217.mg	n.s.s.	0/20	18.4mg	2/50	36.8mg	0/50	liv:hpa,hpc,nnd.	
4299	TR180	47.2mg	n.s.s.	9/20	14.7mg	26/50	29.4mg	19/50		
a	TR180	147.mg	n.s.s.	1/20	14.7mg	2/50	29.4mg	2/50	liv:hpa,hpc,nnd.	
5-NITRO-o-TOLUIDINE 99-55-8										
4300	TR107	142.mg	698.mg	3/50	125.mg	12/50	240.mg	22/50	---:hes;	liv:hpc. C
a	TR107	168.mg	787.mg	2/50	125.mg	7/50	240.mg	20/50		
b	TR107	529.mg	n.s.s.	1/50	125.mg	5/50	240.mg	3/50		
c	TR107	205.mg	n.s.s.	19/50	125.mg	19/50	240.mg	25/50		
d	TR107	168.mg	787.mg	2/50	125.mg	7/50	240.mg	20/50	liv:hpa,hpc,nnd.	
e	TR107	1.36gm	n.s.s.	2/50	125.mg	3/50	240.mg	0/50	lun:a/a,a/c.	
4301	TR107	135.mg	2.35gm	12/50	115.mg	12/49	224.mg	29/50	---:hem,hes;	liv:hpc. C
a	TR107	135.mg	2.90gm	13/50	115.mg	12/49	224.mg	30/50	---:hem,hes.	
b	TR107	718.mg	n.s.s.	1/50	115.mg	0/49	224.mg	4/50		
c	TR107	146.mg	n.s.s.	23/50	115.mg	20/49	224.mg	31/50		
d	TR107	135.mg	2.35gm	12/50	115.mg	12/49	224.mg	29/50	liv:hpa,hpc,nnd.	
e	TR107	1.03gm	n.s.s.	5/50	115.mg	3/49	224.mg	2/50	lun:a/a,a/c.	
4302	TR107	3.72mg	n.s.s.	42/50	1.80mg	33/50	3.60mg	35/50		
a	TR107	13.0mg	n.s.s.	0/50	1.80mg	2/50	3.60mg	1/50	liv:hpa,hpc,nnd.	
4303	TR107	8.39mg	n.s.s.	0/50	1.40mg	0/50	2.90mg	3/50		S
a	TR107	2.67mg	n.s.s.	30/50	1.40mg	20/50	2.90mg	27/50		
b	TR107	9.23mg	n.s.s.	5/50	1.40mg	1/50	2.90mg	4/50	liv:hpa,hpc,nnd.	
5-NITROACENAPHTHENE 602-87-9										
4304	1091	152.mg	1.66gm	0/20	382.mg	7/24			Takemura;bjca,30,481-483;1974	
4305	TR118	29.3mg	87.4mg	2/50	53.3mg	23/50	127.mg	19/50	liv:hpc;	ova:gct,lut,tua. C
a	TR118	29.5mg	90.3mg	2/50	53.3mg	23/50	127.mg	18/50		
b	TR118	108.mg	623.mg	0/50	53.3mg	4/50	127.mg	7/50	ova:gct,lut,tua.	
c	TR118	161.mg	3.08gm	0/50	53.3mg	2/50	127.mg	4/50		
d	TR118	40.3mg	n.s.s.	19/50	53.3mg	29/50	127.mg	21/50		
e	TR118	29.5mg	90.3mg	2/50	53.3mg	23/50	127.mg	18/50	liv:hpa,hpc,nnd.	
f	TR118	232.mg	n.s.s.	2/50	53.3mg	3/50	127.mg	2/50	lun:a/a,a/c.	
4306	TR118	74.6mg	n.s.s.	23/50	58.8mg	15/50	140.mg	1/50		
a	TR118	132.mg	n.s.s.	12/50	58.8mg	7/50	140.mg	0/50	liv:hpa,hpc,nnd.	
b	TR118	152.mg	n.s.s.	5/50	58.8mg	4/50	140.mg	0/50	lun:a/a,a/c.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
4307	TR118	1.96mg	11.3mg	1/100	43.0mg	37/50	87.0mg	38/50	cli:can; eac:cas,cuc,sgc; lun:a/a,a/c; mgl:acn,pcn.	C
a	TR118	2.18mg	44.5mg	1/100	43.0mg	8/50	87.0mg	3/50		lun:a/a,a/c.
b	TR118	7.28mg	24.8mg	0/100	43.0mg	27/50	87.0mg	35/50		eac:cas,cuc,sgc.
c	TR118	7.85mg	30.9mg	0/100	43.0mg	25/50	87.0mg	26/50		
d	TR118	18.7mg	143.mg	0/100	43.0mg	6/50	87.0mg	5/50		
e	TR118	31.5mg	198.mg	0/100	43.0mg	6/50	87.0mg	5/50		mgl:acn,pcn.
f	TR118	32.1mg	220.mg	0/100	43.0mg	5/50	87.0mg	5/50		
g	TR118	29.9mg	230.mg	0/100	43.0mg	3/50	87.0mg	9/50		
h	TR118	3.78mg	10.5mg	83/100	43.0mg	46/50	87.0mg	45/50		
i	TR118	n.s.s.	n.s.s.	2/100	43.0mg	0/50	87.0mg	0/50		liv:hpa,hpc,nnd.
4308	TR118	1.67mg	17.7mg	1/99	34.4mg	25/50	62.4mg	21/50	eac:cuc,sgc; lun:a/a,a/c.	C
a	TR118	1.71mg	27.8mg	0/99	34.4mg	21/50	62.4mg	20/50		eac:cuc,sgc.
b	TR118	1.75mg	45.1mg	0/99	34.4mg	14/50	62.4mg	18/50		
c	TR118	9.96mg	93.8mg	1/99	34.4mg	7/50	62.4mg	3/50		lun:a/a,a/c.
d	TR118	10.4mg	171.mg	1/99	34.4mg	5/50	62.4mg	0/50		
e	TR118	10.6mg	210.mg	0/99	34.4mg	4/50	62.4mg	1/50		thy:fcc,pac. S
f	TR118	13.5mg	204.mg	0/99	34.4mg	4/50	62.4mg	0/50		kid:tla,uac. S
g	TR118	15.4mg	323.mg	0/99	34.4mg	4/50	62.4mg	0/50		thy:fca,ppa. S
h	TR118	27.4mg	188.mg	0/99	34.4mg	7/50	62.4mg	2/50		
i	TR118	2.91mg	10.1mg	58/99	34.4mg	39/50	62.4mg	30/50		
j	TR118	5.92mg	n.s.s.	4/99	34.4mg	1/50	62.4mg	0/50		liv:hpa,hpc,nnd.
p-NITROANILINE 100-01-6										
4309	TR418	57.7mg	n.s.s.	35/50	2.11mg	33/50	21.1mg	34/49	70.3mg	36/50
a	TR418	104.mg	n.s.s.	17/50	2.11mg	17/50	21.1mg	21/49	70.3mg	16/50
b	TR418	178.mg	n.s.s.	2/50	2.11mg	5/50	21.1mg	5/49	70.3mg	4/50
4310	TR418	126.mg	n.s.s.	5/50	2.11mg	3/50	21.1mg	4/50	70.5mg	10/50
a	TR418	171.mg	n.s.s.	0/50	2.11mg	1/50	21.1mg	2/50	70.5mg	4/50
b	TR418	135.mg	n.s.s.	33/50	2.11mg	38/50	21.1mg	36/50	70.5mg	28/50
c	TR418	28.9mg	n.s.s.	25/50	2.11mg	26/50	21.1mg	25/50	(70.5mg)	13/50)
d	TR418	193.mg	n.s.s.	9/50	2.11mg	10/50	21.1mg	9/50	70.5mg	9/50
4311	1985	29.9mg	n.s.s.	17/60	.250mg	14/59	1.50mg	10/60	9.00mg	13/60
a	1985	115.mg	n.s.s.	2/60	.250mg	2/59	1.50mg	1/60	9.00mg	0/60
b	1985	2.90mg	n.s.s.	55/60	.250mg	50/60	1.50mg	45/60	9.00mg	56/60
c	1985	3.15mg	n.s.s.	53/60	.250mg	49/60	1.50mg	45/60	9.00mg	55/60
d	1985	13.6mg	n.s.s.	22/60	.250mg	15/60	1.50mg	13/60	9.00mg	23/60
4312	1985	30.7mg	n.s.s.	0/60	.250mg	1/60	1.50mg	4/60	9.00mg	3/60
a	1985	49.9mg	n.s.s.	16/60	.250mg	7/60	1.50mg	3/60	9.00mg	7/60
b	1985	4.41mg	n.s.s.	51/60	.250mg	36/60	1.50mg	39/60	9.00mg	50/60
c	1985	14.6mg	n.s.s.	12/60	.250mg	8/60	1.50mg	12/60	9.00mg	17/60
d	1985	5.47mg	n.s.s.	50/60	.250mg	33/60	1.50mg	34/60	9.00mg	47/60
o-NITROANISOLE 91-23-6										
4313	TR416	67.1mg	3.07gm	5/50	85.7mg	14/50	(255.mg)	14/50	767.mg	5/50)
a	TR416	96.6mg	695.mg	14/50	85.7mg	20/50	255.mg	36/50	(767.mg)	18/50)
b	TR416	99.4mg	1.09gm	17/50	85.7mg	21/50	255.mg	37/50	(767.mg)	20/50)
c	TR416	104.mg	n.s.s.	39/50	85.7mg	44/50	255.mg	47/50	(767.mg)	28/50)
d	TR416	99.1mg	1.13gm	17/50	85.7mg	22/50	255.mg	37/50	(767.mg)	20/50)
e	TR416	1.02gm	n.s.s.	6/50	85.7mg	3/50	255.mg	3/50	(767.mg)	0/50)
4314	TR416	95.4mg	724.mg	14/50	79.2mg	26/50	237.mg	41/50	(710.mg)	29/50)
a	TR416	97.0mg	2.44gm	21/50	79.2mg	33/50	237.mg	46/50	(710.mg)	34/50)
b	TR416	101.mg	3.82gm	21/50	79.2mg	32/50	237.mg	45/50	(710.mg)	32/50)
c	TR416	194.mg	4.17gm	7/50	79.2mg	14/50	237.mg	23/50	(710.mg)	15/50)
d	TR416	251.mg	825.mg	0/50	79.2mg	3/50	237.mg	17/50	(710.mg)	9/50)
e	TR416	1.99gm	n.s.s.	7/50	79.2mg	12/50	237.mg	11/50	710.mg	7/50
f	TR416	531.mg	n.s.s.	38/50	79.2mg	41/50	237.mg	49/50	710.mg	41/50

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
g	TR416	97.0mg	2.44gm	21/50	79.2mg	33/50	237.mg	46/50	(710.mg	34/50)		liv:hpa,hpb,hpc.
h	TR416	3.36gm	n.s.s.	6/50	79.2mg	12/50	237.mg	4/50	710.mg	4/50		lun:a/a,a/c.
4315	TR416	71.8mg	1.85gm	14/50	11.0mg	11/50	32.9mg	14/50	98.9mg	26/50		
a	TR416	251.mg	n.s.s.	0/50	11.0mg	0/50	32.9mg	2/50	98.9mg	3/50		S
b	TR416	307.mg	n.s.s.	0/50	11.0mg	0/50	32.9mg	0/50	98.9mg	3/50		S
c	TR416	313.mg	n.s.s.	0/50	11.0mg	1/50	32.9mg	0/50	98.9mg	2/50		for:sqc,scp.
d	TR416	404.mg	n.s.s.	0/50	11.0mg	1/50	32.9mg	0/50	98.9mg	1/50		
e	TR416	52.3mg	n.s.s.	46/50	11.0mg	46/50	32.9mg	46/50	98.9mg	46/50		
f	TR416	307.mg	n.s.s.	0/50	11.0mg	0/50	32.9mg	0/50	98.9mg	3/50		liv:hpa,hpb,hpc.
4316	TR416a	6.72mg	23.8mg	0/22	77.9mg	20/20	234.mg	32/34			kid:tcc,ttp; lgi:adp,car; ubl:sar,scq,scp,tcc,ttp.	C
a	TR416a	6.74mg	24.0mg	0/22	77.9mg	19/20	234.mg	32/34				ubl:tcc,ttp.
b	TR416a	6.81mg	24.8mg	0/22	77.9mg	18/20	234.mg	32/34				
c	TR416a	24.6mg	114.mg	0/22	77.9mg	5/20	234.mg	17/34				
d	TR416a	24.6mg	114.mg	0/22	77.9mg	5/20	234.mg	17/34				lgi:adp,car.
e	TR416a	26.0mg	130.mg	0/22	77.9mg	4/20	234.mg	17/34				S
f	TR416a	73.8mg	544.mg	0/22	77.9mg	1/20	234.mg	9/34				
g	TR416a	208.mg	3.24gm	0/22	77.9mg	0/20	234.mg	5/34				ubl:scq,scp.
h	TR416a	236.mg	9.40gm	0/22	77.9mg	0/20	234.mg	4/34				
i	TR416a	99.4mg	n.s.s.	0/22	77.9mg	1/20	234.mg	1/34				
j	TR416a	287.mg	n.s.s.	0/22	77.9mg	0/20	234.mg	2/34				kid:tcc,ttp.
k	TR416a	317.mg	n.s.s.	0/22	77.9mg	0/20	234.mg	2/34				S
l	TR416a	317.mg	n.s.s.	0/22	77.9mg	0/20	234.mg	2/34				
m	TR416a	91.3mg	n.s.s.	0/22	77.9mg	1/20	234.mg	0/34				
n	TR416a	309.mg	n.s.s.	0/22	77.9mg	0/20	234.mg	1/34				
o	TR416a	439.mg	n.s.s.	0/22	77.9mg	0/20	234.mg	1/34				
p	TR416a	578.mg	n.s.s.	0/22	77.9mg	0/20	234.mg	1/34				
q	TR416a	5.84mg	22.2mg	19/22	77.9mg	20/20	234.mg	32/34				
r	TR416a	n.s.s.	n.s.s.	0/22	77.9mg	0/20	234.mg	0/34				liv:hpa,hpb,hpc.
4317	TR416	11.8mg	63.4mg	48/50	8.75mg	45/50	26.2mg	45/50	79.0mg	45/51		tes:iab,ica.
a	TR416	15.1mg	62.1mg	26/50	8.75mg	25/50	26.2mg	42/50	79.0mg	34/51		S
b	TR416	39.4mg	767.mg	7/50	8.75mg	7/50	26.2mg	8/50	79.0mg	10/51		amd:pbb,pob.
c	TR416	93.2mg	3.11gm	0/50	8.75mg	1/50	26.2mg	1/50	79.0mg	3/51		kid:rua,ruc.
d	TR416	102.mg	5.23gm	0/50	8.75mg	0/50	26.2mg	2/50	79.0mg	2/51		for:scq,scp.
e	TR416	40.9mg	n.s.s.	12/50	8.75mg	10/50	26.2mg	10/50	79.0mg	10/51		amd:pbb,phm,pob.
f	TR416	68.6mg	n.s.s.	7/50	8.75mg	4/50	26.2mg	3/50	79.0mg	8/51		pre:car,cnb.
g	TR416	134.mg	n.s.s.	0/50	8.75mg	0/50	26.2mg	1/50	79.0mg	1/51		
h	TR416	149.mg	n.s.s.	0/50	8.75mg	0/50	26.2mg	0/50	79.0mg	2/51		
i	TR416	167.mg	n.s.s.	0/50	8.75mg	0/50	26.2mg	1/50	79.0mg	1/51		
j	TR416	127.mg	n.s.s.	0/50	8.75mg	1/50	26.2mg	1/50	79.0mg	1/51		
k	TR416	12.1mg	59.4mg	48/50	8.75mg	44/50	26.2mg	48/50	79.0mg	47/51		
l	TR416	78.5mg	n.s.s.	0/50	8.75mg	4/50	26.2mg	1/50	79.0mg	2/51		liv:hpa,hpb,hpc.
4318	TR416a	2.84mg	14.0mg	0/21	62.3mg	26/27	187.mg	34/34			kid:tcc,ttp; lgi:adp,car; ubl:sar,scq,scp,tcc,ttp.	C
a	TR416a	2.84mg	14.1mg	0/21	62.3mg	26/27	187.mg	33/34				ubl:tcc,ttp.
b	TR416a	2.93mg	16.4mg	0/21	62.3mg	23/27	187.mg	33/34				
c	TR416a	2.96mg	17.9mg	0/21	62.3mg	21/27	187.mg	25/34				lgi:adp,car.
d	TR416a	2.96mg	18.0mg	0/21	62.3mg	21/27	187.mg	24/34				
e	TR416a	7.65mg	29.1mg	0/21	62.3mg	18/27	187.mg	24/34				S
f	TR416a	15.7mg	212.mg	0/21	62.3mg	6/27	187.mg	1/34				S
g	TR416a	17.0mg	965.mg	0/21	62.3mg	3/27	187.mg	1/34				
h	TR416a	16.8mg	468.mg	0/21	62.3mg	1/27	187.mg	9/34				kid:tcc,ttp.
i	TR416a	17.0mg	806.mg	0/21	62.3mg	1/27	187.mg	6/34				
j	TR416a	117.mg	801.mg	0/21	62.3mg	0/27	187.mg	8/34				ubl:scq,scp.
k	TR416a	117.mg	994.mg	0/21	62.3mg	1/27	187.mg	7/34				
l	TR416a	147.mg	2.04gm	0/21	62.3mg	0/27	187.mg	5/34				
m	TR416a	155.mg	3.27gm	0/21	62.3mg	0/27	187.mg	4/34				
n	TR416a	194.mg	4.36gm	0/21	62.3mg	0/27	187.mg	4/34				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
o	TR416a	194.mg	4.36gm	0/21	62.3mg	0/27	187.mg	4/34			S
p	TR416a	3.48mg	n.s.s.	0/21	62.3mg	1/27	187.mg	0/34			S
q	TR416a	291.mg	n.s.s.	0/21	62.3mg	0/27	187.mg	3/34			
r	TR416a	1.92mg	8.76mg	19/21	62.3mg	27/27	187.mg	34/34			
s	TR416a	12.8mg	n.s.s.	1/21	62.3mg	0/27	187.mg	0/34		liv:hpa,hpb,hpc.	
4-NITROANTHRANILIC ACID 619-17-0											
4319	TR109	1.35gm	n.s.s.	39/100	502.mg	18/50	1.09gm	18/50			
a	TR109	6.86gm	n.s.s.	8/100	502.mg	1/50	1.09gm	1/50		liv:hpa,hpc,nnd.	
b	TR109	824.mg	n.s.s.	2/100	502.mg	5/50	(1.09gm	1/50)		lun:a/a,a/c.	
4320	TR109	3.81gm	n.s.s.	0/100	463.mg	0/50	1.01gm	3/50		---:hem,hes.	S
a	TR109	381.mg	n.s.s.	40/100	463.mg	30/50	(1.01gm	15/50)			
b	TR109	2.25gm	n.s.s.	22/100	463.mg	16/50	1.01gm	9/50		liv:hpa,hpc,nnd.	
c	TR109	4.11gm	n.s.s.	18/100	463.mg	10/50	1.01gm	4/50		lun:a/a,a/c.	
4321	TR109	411.mg	n.s.s.	57/75	170.mg	35/50	557.mg	22/50			
a	TR109	1.31gm	n.s.s.	3/75	170.mg	0/50	557.mg	2/50		liv:hpa,hpc,nnd.	
4322	TR109	353.mg	n.s.s.	40/75	136.mg	24/50	446.mg	15/50			
a	TR109	911.mg	n.s.s.	0/75	136.mg	1/50	446.mg	1/50		liv:hpa,hpc,nnd.	
NITROBENZENE 98-95-3											
4323	2213m	16.9mg	n.s.s.	4/53	7.91mg	11/60	(39.6mg	3/64	79.1mg	2/62)	Cattley;faat,22,328-340;1994/pers.comm.
a	2213m	210.mg	n.s.s.	6/51	7.91mg	5/61	39.6mg	5/64	79.1mg	13/62	
b	2213m	250.mg	n.s.s.	0/48	79.1mg	5/60					
c	2213m	196.mg	n.s.s.	7/51	7.91mg	7/61	39.6mg	7/64	79.1mg	14/62	
d	2213m	361.mg	n.s.s.	2/53	7.91mg	0/60	39.6mg	4/64	79.1mg	4/62	
e	2213m	513.mg	n.s.s.	2/49	7.91mg	0/59	39.6mg	3/61	79.1mg	2/61	
f	2213m	615.mg	n.s.s.	1/51	7.91mg	2/61	39.6mg	3/64	79.1mg	1/62	
g	2213m	493.mg	n.s.s.	6/53	7.91mg	11/60	39.6mg	6/64	79.1mg	6/62	
4324	2213m	88.0mg	n.s.s.	9/68	6.60mg	21/67	33.0mg	21/65	66.0mg	23/66	
a	2213m	108.mg	n.s.s.	7/68	6.60mg	12/67	33.0mg	15/65	66.0mg	18/66	
b	2213m	226.mg	n.s.s.	0/65	6.60mg	4/65	33.0mg	1/65	66.0mg	7/64	
c	2213m	231.mg	n.s.s.	4/68	6.60mg	10/67	33.0mg	8/65	66.0mg	8/66	
d	2213m	345.mg	n.s.s.	12/68	6.60mg	13/65	33.0mg	12/65	66.0mg	8/64	
e	2213m	225.mg	n.s.s.	25/68	6.60mg	30/65	33.0mg	22/65	66.0mg	21/64	
f	2213m	218.mg	n.s.s.	14/68	6.60mg	18/65	33.0mg	15/65	66.0mg	14/64	
4325	2213r	.171mg	n.s.s.	0/10	.264mg	0/10	1.32mg	0/10	6.60mg	0/10	
a	2213r	3.87mg	n.s.s.	0/10	.264mg	0/10	1.32mg	1/10	6.60mg	0/10	
b	2213r	3.87mg	n.s.s.	0/10	.264mg	0/10	1.32mg	1/10	6.60mg	0/10	
4326	2213s	14.4mg	226.mg	2/53	.264mg	1/57	1.32mg	3/60	6.60mg	9/55	
a	2213s	18.1mg	385.mg	1/53	.264mg	1/57	1.32mg	1/60	6.60mg	7/55	
b	2213s	36.6mg	n.s.s.	2/53	.264mg	0/57	1.32mg	2/60	6.60mg	2/55	
c	2213s	29.3mg	n.s.s.	5/53	.264mg	5/54	1.32mg	2/58	6.60mg	5/54	
d	2213s	34.4mg	n.s.s.	2/53	.264mg	4/54	1.32mg	2/58	6.60mg	3/54	
e	2213s	83.0mg	n.s.s.	2/53	.264mg	0/57	1.32mg	1/60	6.60mg	0/55	
f	2213s	86.7mg	n.s.s.	0/53	.264mg	1/57	1.32mg	0/60	6.60mg	0/55	
g	2213s	83.2mg	n.s.s.	2/53	.264mg	1/57	1.32mg	1/60	6.60mg	0/55	
h	2213s	49.9mg	n.s.s.	4/53	.264mg	1/54	1.32mg	0/58	6.60mg	2/54	
4327	2213n	1.79mg	n.s.s.	0/10	.377mg	2/10	1.88mg	1/10	9.42mg	4/10	
a	2213n	.245mg	n.s.s.	0/10	.377mg	0/10	1.88mg	0/10	9.42mg	0/10	
b	2213n	7.59mg	n.s.s.	0/10	9.42mg	0/10					
c	2213n	.245mg	n.s.s.	0/10	.377mg	0/10	1.88mg	0/10	9.42mg	0/10	
4328	2213o	13.1mg	n.s.s.	11/59	.377mg	15/55	1.88mg	14/55	9.42mg	21/59	
a	2213o	38.9mg	n.s.s.	0/59	9.42mg	3/58					
b	2213o	39.7mg	n.s.s.	0/60	.377mg	2/56	1.88mg	0/56	9.42mg	4/60	
c	2213o	47.9mg	n.s.s.	0/59	9.42mg	2/58					
d	2213o	60.9mg	n.s.s.	0/60	.377mg	0/56	1.88mg	0/56	9.42mg	2/60	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
e	2213o	48.3mg	n.s.s.	0/60	.377mg	2/56	1.88mg	0/56	9.42mg	3/60		
f	2213o	64.0mg	n.s.s.	0/59	9.42mg	1/58						
g	2213o	3.72mg	n.s.s.	0/60	.377mg	0/56	1.88mg	0/56	9.42mg	0/60		
4329	2213n	.171mg	n.s.s.	0/10	.264mg	0/10	1.32mg	0/10	6.60mg	0/10		
a	2213n	.171mg	n.s.s.	0/10	.264mg	0/10	1.32mg	0/10	6.60mg	0/10		
b	2213n	.171mg	n.s.s.	0/10	.264mg	0/10	1.32mg	0/10	6.60mg	0/10		
4330	2213o	9.08mg	46.8mg	1/59	.264mg	4/59	1.32mg	5/60	6.60mg	16/60		
a	2213o	10.1mg	50.9mg	1/59	.264mg	3/59	1.32mg	3/60	6.60mg	15/60		
b	2213o	23.2mg	205.mg	0/59	.264mg	0/58	1.32mg	0/60	6.60mg	6/60		
c	2213o	26.1mg	300.mg	0/59	.264mg	0/58	1.32mg	0/60	6.60mg	5/60		
d	2213o	15.6mg	n.s.s.	2/59	.264mg	1/59	1.32mg	5/60	6.60mg	8/60		
e	2213o	20.5mg	n.s.s.	2/59	.264mg	1/59	1.32mg	3/60	6.60mg	6/60		
f	2213o	22.5mg	n.s.s.	0/59	.264mg	1/59	1.32mg	2/60	6.60mg	4/60		
g	2213o	30.2mg	n.s.s.	0/59	.264mg	0/59	1.32mg	2/60	6.60mg	2/60		
h	2213o	57.5mg	n.s.s.	0/59	.264mg	0/58	1.32mg	0/60	6.60mg	1/60		
6-NITROBENZIMIDAZOLE 94-52-0												
4331	TR117	206.mg	769.mg	3/100	127.mg	4/50	253.mg	20/50			liv:hpa,hpc.	
a	TR117	359.mg	3.92gm	3/100	127.mg	2/50	253.mg	11/50				
b	TR117	131.mg	n.s.s.	8/100	127.mg	12/50	(253.mg)	0/50)			pit:adn,cra.	S
c	TR117	176.mg	n.s.s.	29/100	127.mg	22/50	253.mg	25/50				
d	TR117	206.mg	769.mg	3/100	127.mg	4/50	253.mg	20/50			liv:hpa,hpc,nnd.	
e	TR117	870.mg	n.s.s.	5/100	127.mg	4/50	253.mg	2/50			lun:a/a,a/c.	
4332	TR117	180.mg	n.s.s.	20/100	118.mg	19/50	234.mg	22/50			liv:hpa,hpc.	S
a	TR117	194.mg	n.s.s.	18/100	118.mg	16/50	234.mg	21/50				
b	TR117	229.mg	n.s.s.	45/100	118.mg	29/50	234.mg	25/50				
c	TR117	180.mg	n.s.s.	20/100	118.mg	19/50	234.mg	22/50			liv:hpa,hpc,nnd.	
d	TR117	901.mg	n.s.s.	15/100	118.mg	8/50	234.mg	4/50			lun:a/a,a/c.	
4333	TR117	55.8mg	n.s.s.	70/100	45.0mg	31/50	(182.mg)	26/50)				
a	TR117	1.92gm	n.s.s.	2/100	45.0mg	0/50	182.mg	0/50			liv:hpa,hpc,nnd.	
4334	TR117	247.mg	n.s.s.	54/102	36.0mg	22/50	146.mg	22/50				
a	TR117	797.mg	n.s.s.	1/102	36.0mg	0/50	146.mg	1/50			liv:hpa,hpc,nnd.	
p-NITROBENZOIC ACID 62-23-7												
4335	TR442	445.mg	n.s.s.	36/50	160.mg	38/50	321.mg	35/50	641.mg	32/50		
a	TR442	1.01gm	n.s.s.	15/50	160.mg	16/50	321.mg	15/50	641.mg	11/50	liv:hpa,hpb,hpc.	
b	TR442	839.mg	n.s.s.	3/50	160.mg	10/50	321.mg	4/50	641.mg	9/50	lun:a/a,a/c.	
4336	TR442	787.mg	n.s.s.	33/50	148.mg	36/50	297.mg	35/50	594.mg	30/50		
a	TR442	1.14gm	n.s.s.	22/50	148.mg	26/50	297.mg	23/50	594.mg	19/50	liv:hpa,hpb,hpc.	
b	TR442	887.mg	n.s.s.	7/50	148.mg	14/50	297.mg	10/50	594.mg	13/50	lun:a/a,a/c.	
4337	TR442	141.mg	5.60gm	4/50	61.7mg	14/50	123.mg	15/50	247.mg	15/50	cli:ade,anb,car,cnb.	
a	TR442	92.4mg	n.s.s.	5/50	61.7mg	12/50	123.mg	13/50	(247.mg)	5/50)	ute:esp,ess.	S
b	TR442	97.5mg	n.s.s.	5/50	61.7mg	11/50	123.mg	12/50	(247.mg)	5/50)		S
c	TR442	182.mg	n.s.s.	4/50	61.7mg	12/50	123.mg	10/50	247.mg	12/50	cli:ade,anb.	
d	TR442	411.mg	n.s.s.	1/50	61.7mg	2/50	123.mg	5/50	247.mg	4/50	cli:car,cnb.	
e	TR442	95.8mg	n.s.s.	44/50	61.7mg	48/50	123.mg	50/50	247.mg	45/50		
f	TR442	1.93gm	n.s.s.	2/50	61.7mg	0/50	123.mg	0/50	247.mg	0/50	liv:hpa,hpb,hpc.	
4338	TR442	386.mg	n.s.s.	1/50	49.5mg	1/50	98.9mg	4/50	198.mg	6/50	pre:car,cnb.	S
a	TR442	215.mg	n.s.s.	46/50	49.5mg	48/50	98.9mg	47/50	198.mg	41/50		
b	TR442	509.mg	n.s.s.	4/50	49.5mg	4/50	98.9mg	1/50	198.mg	4/50	liv:hpa,hpb,hpc.	
1-NITROBUTANE 627-05-4												
4339	2265	69.9mg	n.s.s.	0/30	17.8mg	0/30					Fiala;txcy,99,89-97;1995/pers.comm.	
2-NITROBUTANE 600-24-8												
4340	2265	1.47mg	5.50mg	0/30	17.8mg	28/30					Fiala;txcy,99,89-97;1995/pers.comm.	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
NITROETHANE 79-24-3										
4341	2289	357.mg	n.s.s.	0/40	26.8mg	0/40	53.6mg	1/39	Griffin;eaes,16,11-24;1988	
4342	2289	106.mg	n.s.s.	0/40	18.8mg	0/40	37.5mg	0/41		
NITROFEN 1836-75-5										
4343	TR184	282.mg	942.mg	0/20	334.mg	14/50	668.mg	30/50	liv:hpa,hpc.	
a	TR184	692.mg	20.6gm	0/20	334.mg	5/50	668.mg	13/50		
b	TR184	287.mg	n.s.s.	3/20	334.mg	23/50	668.mg	33/50		
c	TR184	282.mg	942.mg	0/20	334.mg	14/50	668.mg	30/50	liv:hpa,hpc,nnd.	
d	TR184	1.80gm	n.s.s.	0/20	334.mg	2/50	668.mg	3/50	lun:a/a,a/c.	
4344	TR26	42.8mg	102.mg	0/20	264.mg	42/50	(529.mg)	44/50		
a	TR26	46.4mg	157.mg	3/20	264.mg	43/50	(529.mg)	44/50		
b	TR26	42.8mg	102.mg	0/20	264.mg	42/50	(529.mg)	44/50	liv:hpa,hpc,nnd.	
c	TR26	n.s.s.	n.s.s.	0/20	264.mg	1/50	529.mg	0/50	lun:a/a,a/c.	
4345	TR26	45.2mg	108.mg	1/80p	264.mg	42/50	(529.mg)	44/50		
a	TR26	993.mg	n.s.s.	1/80p	264.mg	0/50	529.mg	5/50		
4346	TR184	144.mg	401.mg	1/20	308.mg	31/50	617.mg	40/50	liv:hpa,hpc.	
a	TR184	355.mg	1.20gm	0/20	308.mg	13/50	617.mg	20/50		
b	TR184	175.mg	1.70gm	7/20	308.mg	31/50	617.mg	43/50		
c	TR184	144.mg	401.mg	1/20	308.mg	31/50	617.mg	40/50	liv:hpa,hpc,nnd.	
d	TR184	2.90gm	n.s.s.	3/20	308.mg	0/50	617.mg	3/50	lun:a/a,a/c.	
4347	TR26	73.0mg	1.86gm	4/20	244.mg	38/50	488.mg	46/50		
a	TR26	78.7mg	n.s.s.	6/20	244.mg	40/50	488.mg	46/50		
b	TR26	73.0mg	1.86gm	4/20	244.mg	38/50	488.mg	46/50	liv:hpa,hpc,nnd.	
c	TR26	1.40gm	n.s.s.	1/20	244.mg	1/50	488.mg	1/50	lun:a/a,a/c.	
4348	TR26	60.9mg	129.mg	5/80p	244.mg	38/50	488.mg	46/50		
a	TR26	566.mg	13.6gm	0/80p	244.mg	1/50	488.mg	4/50		
b	TR26	193.mg	n.s.s.	3/80p	244.mg	10/50	(488.mg)	0/50	sub: fbs, fib. S	
4349	TR184	206.mg	n.s.s.	15/20	113.mg	21/50	(225.mg)	15/50		
a	TR184	n.s.s.	n.s.s.	0/20	113.mg	0/50	225.mg	0/50	liv:hpa,hpc,nnd.	
4350	TR26	215.mg	n.s.s.	0/20	46.1mg	2/50	92.0mg	7/50	S	
a	TR26	286.mg	n.s.s.	0/20	46.1mg	0/50	92.0mg	4/50	S	
b	TR26	320.mg	n.s.s.	0/20	46.1mg	0/50	92.0mg	4/50	S	
c	TR26	42.4mg	n.s.s.	14/20	46.1mg	31/50	92.0mg	42/50		
d	TR26	n.s.s.	n.s.s.	0/20	46.1mg	0/50	92.0mg	0/50	liv:hpa,hpc,nnd.	
4351	TR26	197.mg	1.17gm	0/110p	46.1mg	2/50	92.0mg	7/50		
a	TR26	281.mg	n.s.s.	1/110p	46.1mg	1/50	92.0mg	4/50	ova:gcc,gct. S	
b	TR26	321.mg	n.s.s.	1/110p	46.1mg	0/50	92.0mg	4/50	S	
c	TR26	333.mg	n.s.s.	1/110p	46.1mg	0/50	92.0mg	4/50	S	
4352	TR184	441.mg	n.s.s.	10/20	90.4mg	20/50	180.mg	14/50		
a	TR184	n.s.s.	n.s.s.	0/20	90.4mg	0/50	180.mg	0/50	liv:hpa,hpc,nnd.	
4353	TR26	45.9mg	n.s.s.	10/20	65.3mg	30/50	136.mg	4/50		
a	TR26	n.s.s.	n.s.s.	0/20	65.3mg	0/50	136.mg	0/50	liv:hpa,hpc,nnd.	
2-NITROFLUORENE 607-57-8										
4354	2248	.133mg	.626mg	0/20	.917mg	16/18	3.83mg	19/19	16.3mg 20/20	Cui;carc,16,2135-2141;1995
a	2248	.650mg	2.08mg	0/20	.917mg	10/18	3.83mg	16/19	(16.3mg 11/20)	
b	2248	1.17mg	3.90mg	0/20	.917mg	2/18	3.83mg	15/19	16.3mg 20/20	
c	2248	1.26mg	4.95mg	0/20	.917mg	1/18	3.83mg	15/19	(16.3mg 10/20)	
d	2248	1.85mg	5.60mg	0/20	.917mg	4/18	3.83mg	17/19	16.3mg 17/20	
1- [(5-NITROFURFURYLIDENE)AMINO]HYDANTOIN (macrodantin, nitrofurantoin) 67-20-9										
4355	TR341	466.mg	3.57gm	0/50	166.mg	3/50	319.mg	11/50	ova:gcb,gcm,mtb,tua. C	
a	TR341	660.mg	3.82gm	0/50	166.mg	0/50	319.mg	9/50	ova:mtb,tua.	
b	TR341	960.mg	n.s.s.	0/50	166.mg	0/50	319.mg	5/50		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
c	TR341	1.16gm	n.s.s.	0/50	166.mg	0/50	319.mg	4/50				
d	TR341	972.mg	n.s.s.	0/50	166.mg	3/50	319.mg	2/50				ova:gcb,gcm.
e	TR341	1.12gm	n.s.s.	0/50	166.mg	3/50	319.mg	1/50				
f	TR341	368.mg	n.s.s.	30/50	166.mg	35/50	319.mg	41/50				
g	TR341	764.mg	n.s.s.	2/50	166.mg	2/50	319.mg	8/50				liv:hpa,hpc,nnd.
h	TR341	822.mg	n.s.s.	3/50	166.mg	2/50	(319.mg	0/50)				lun:a/a,a/c.
4356	1923	651.mg	n.s.s.	0/20	350.mg	0/19	500.mg	1/18				Stitzel;txpy,17,774-781;1989
a	1923	654.mg	n.s.s.	0/20	350.mg	1/19	500.mg	0/18				
4357	TR341	357.mg	n.s.s.	31/50	153.mg	27/50	294.mg	33/50				
a	TR341	567.mg	n.s.s.	10/50	153.mg	12/50	294.mg	11/50				liv:hpa,hpc,nnd.
b	TR341	787.mg	n.s.s.	6/50	153.mg	4/50	294.mg	7/50				lun:a/a,a/c.
4358	1747	3.26gm	n.s.s.	0/54	97.5mg	1/54	390.mg	0/54				Ito;hijm,32,99-102;1983
a	1747	3.65gm	n.s.s.	1/54	97.5mg	2/54	390.mg	0/54				
b	1747	956.mg	n.s.s.	16/54	97.5mg	9/54	390.mg	14/54				
4359	1747	2.85gm	n.s.s.	1/53	90.0mg	0/52	360.mg	1/52				
a	1747	2.45gm	n.s.s.	3/53	90.0mg	0/52	360.mg	2/52				
b	1747	3.17gm	n.s.s.	9/53	90.0mg	1/52	360.mg	2/52				
c	1747	771.mg	n.s.s.	6/53	90.0mg	1/52	(360.mg	0/52)				
d	1747	2.54gm	n.s.s.	12/53	90.0mg	1/52	360.mg	4/52				
4360	1972	1.10gm	n.s.s.	0/50	40.2mg	0/49	78.4mg	0/50	167.mg	2/50		Butler;fctx,28,49-54;1990
a	1972	1.16gm	n.s.s.	2/50	40.2mg	1/49	78.4mg	2/50	167.mg	1/50		
b	1972	1.66gm	n.s.s.	0/50	40.2mg	1/49	78.4mg	0/50	167.mg	0/50		
c	1972	869.mg	n.s.s.	1/50	40.2mg	5/50	78.4mg	0/50	167.mg	2/50		
d	1972	1.09gm	n.s.s.	1/50	40.2mg	2/50	78.4mg	1/50	167.mg	1/50		
4361	1972	263.mg	n.s.s.	2/50	37.1mg	6/50	72.4mg	4/49	152.mg	10/50		
a	1972	350.mg	n.s.s.	1/50	37.1mg	2/50	72.4mg	6/49	152.mg	5/50		
b	1972	412.mg	n.s.s.	3/50	37.1mg	2/50	72.4mg	3/49	152.mg	7/50		
c	1972	945.mg	n.s.s.	3/50	37.1mg	1/50	72.4mg	0/49	152.mg	3/50		
d	1972	955.mg	n.s.s.	1/50	37.1mg	3/50	72.4mg	3/49	152.mg	0/50		
e	1972	446.mg	n.s.s.	4/50	37.1mg	7/50	72.4mg	9/49	152.mg	4/50		
4362	TR341	36.2mg	n.s.s.	1/50	29.4mg	7/50	(63.8mg	4/50)				S
a	TR341	45.2mg	n.s.s.	49/50	29.4mg	48/50	63.8mg	46/50				
b	TR341	n.s.s.	n.s.s.	0/50	29.4mg	1/50	63.8mg	0/50				liv:hpa,hpc,nnd.
4363	TR341	142.mg	n.s.s.	0/50	51.3mg	5/50	98.1mg	4/50				S
a	TR341	240.mg	n.s.s.	0/50	51.3mg	1/50	98.1mg	3/50				kid:rua,ruc.
b	TR341	62.1mg	n.s.s.	48/50	51.3mg	47/50	98.1mg	45/50				
c	TR341	90.0mg	n.s.s.	1/50	51.3mg	4/50	(98.1mg	0/50)				liv:hpa,hpc,nnd.
4364	TR341	97.1mg	401.mg	3/50	51.3mg	11/50	98.1mg	20/50				kid:rua,ruc.
4365	1986	370.mg	n.s.s.	0/30	74.8mg	0/24						Hasegawa;txcy,62,333-347;1990
4366	1978	137.mg	n.s.s.	17/50	16.8mg	17/50	31.0mg	17/50	55.8mg	14/50		Butler;fctx,28,269-277;1990
a	1978	35.4mg	n.s.s.	48/50	16.8mg	45/50	31.0mg	47/50	55.8mg	44/50		
b	1978	205.mg	n.s.s.	5/50	16.8mg	7/50	31.0mg	8/50	55.8mg	4/50		
4367	1978	266.mg	n.s.s.	0/50	12.4mg	0/50	22.3mg	2/50	43.1mg	1/50		
a	1978	132.mg	n.s.s.	7/50	12.4mg	8/50	22.3mg	3/50	43.1mg	9/50		
b	1978	97.2mg	n.s.s.	39/50	12.4mg	38/50	22.3mg	32/50	43.1mg	28/50		
4368	1063m	19.4mg	n.s.s.	0/5	100.mg	1/7						Morris;canr,29,2145-2156;1969
a	1063m	38.9mg	n.s.s.	0/5	100.mg	0/7						
4369	1063n	35.8mg	n.s.s.	3/16	110.mg	5/18						
a	1063n	136.mg	n.s.s.	0/16	110.mg	0/18						
4370	200a	244.mg	n.s.s.	0/30	55.6mg	0/36						Cohen;jnci,51,403-417;1973
a	200a	28.6mg	n.s.s.	14/30	55.6mg	19/36						
4371	1622	21.1mg	675.mg	2/11	94.0mg	9/12						Wang;clet,21,303-308;1984
a	1622	17.9mg	n.s.s.	6/11	94.0mg	10/12						
1- [(5-NITROFURFURYLIDENE) AMINO]-2-IMIDAZOLIDINONE	555-84-0											
4372	200a	n.s.s.	6.44mg	1/25	52.3mg	31/31						Cohen;jnci,51,403-417;1973

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	200a	2.72mg	10.0mg	0/25	52.3mg	29/31					
b	200a	31.1mg	n.s.s.	0/25	52.3mg	5/31					
c	200a	134.mg	n.s.s.	0/25	52.3mg	0/31					
d	200a	n.s.s.	6.44mg	1/25	52.3mg	31/31					
NITROGEN DIOXIDE 10102-44-0											
4373	2325	20.2ug	n.s.s.	0/10	22.1ug	0/10	.221mg	0/10	2.21mg	0/10	Ichinose;txcy,67,211-225;1991
NITROGEN MUSTARD (2,2'-dichloro-N-methyldiethylamine) 51-75-2											
4374	1017	5.13ug	51.5ug	7/65	7.86ug	12/27					Schmahl;arzn,20,1461-1467;1970
a	1017	8.41ug	n.s.s.	4/65	7.86ug	7/27					
b	1017	10.8ug	n.s.s.	3/65	7.86ug	5/27					
NITROGEN MUSTARD N-OXIDE (mitomen) 126-85-2											
4375	1017	.571mg	5.62mg	0/65	.300mg	6/44					Schmahl;arzn,20,1461-1467;1970
a	1017	.335mg	15.9mg	7/65	.300mg	14/44					
b	1017	.364mg	5.46mg	4/65	.300mg	12/44					
c	1017	1.36mg	n.s.s.	3/65	.300mg	2/44					
NITROMETHANE 75-52-5											
4376	TR461	415.mg	n.s.s.	6/50	145.mg	9/50	288.mg	20/50	577.mg	21/50	hag:ade,car.
a	TR461	469.mg	n.s.s.	5/50	145.mg	7/50	288.mg	16/50	577.mg	19/50	
b	TR461	782.mg	n.s.s.	3/50	145.mg	6/50	288.mg	6/50	577.mg	12/50	lun:a/a,a/c.
c	TR461	343.mg	n.s.s.	14/50	145.mg	25/50	288.mg	17/50	577.mg	35/50	
d	TR461	347.mg	n.s.s.	19/50	145.mg	34/50	288.mg	22/50	577.mg	40/50	liv:hpa,hpc.
e	TR461	340.mg	n.s.s.	24/50	145.mg	36/50	288.mg	33/50	577.mg	42/50	hag:ade,car; liv:hpa,hpc. C
f	TR461	356.mg	n.s.s.	25/50	145.mg	38/50	288.mg	33/50	577.mg	42/50	hag:ade,car; liv:hpa,hpc; lun:a/a,a/c. M
g	TR461	472.mg	n.s.s.	38/50	145.mg	45/50	288.mg	43/50	577.mg	46/50	
h	TR461	347.mg	n.s.s.	19/50	145.mg	34/50	288.mg	22/50	577.mg	40/50	liv:hpa,hpb,hpc.
i	TR461	782.mg	n.s.s.	3/50	145.mg	6/50	288.mg	6/50	577.mg	12/50	lun:a/a,a/c.
4377	TR461	201.mg	697.mg	10/50	120.mg	11/50	240.mg	25/50	481.mg	37/50	hag:ade,car.
a	TR461	206.mg	2.77gm	21/50	120.mg	21/50	240.mg	31/50	481.mg	39/50	hag:ade,car; lun:a/a,a/c. M
b	TR461	243.mg	1.00gm	9/50	120.mg	10/50	240.mg	19/50	481.mg	32/50	
c	TR461	665.mg	12.1gm	2/50	120.mg	3/50	240.mg	3/50	481.mg	11/50	S
d	TR461	916.mg	n.s.s.	1/50	120.mg	1/50	240.mg	6/50	481.mg	5/50	
e	TR461	436.mg	n.s.s.	13/50	120.mg	13/50	240.mg	12/50	481.mg	20/50	lun:a/a,a/c.
f	TR461	231.mg	n.s.s.	40/50	120.mg	39/50	240.mg	43/50	481.mg	46/50	
g	TR461	581.mg	n.s.s.	29/50	120.mg	24/50	240.mg	22/50	481.mg	26/50	liv:hpa,hpb,hpc.
h	TR461	436.mg	n.s.s.	13/50	120.mg	13/50	240.mg	12/50	481.mg	20/50	lun:a/a,a/c.
4378	TR461	21.3mg	216.mg	21/50	17.2mg	25/50	34.5mg	34/50	68.8mg	41/50	mgl:ade,car,fba.
a	TR461	22.8mg	293.mg	19/50	17.2mg	21/50	34.5mg	33/50	68.8mg	36/50	
b	TR461	23.2mg	397.mg	20/50	17.2mg	21/50	34.5mg	33/50	68.8mg	36/50	mgl:ade,fba. S
c	TR461	81.2mg	n.s.s.	4/50	17.2mg	7/50	34.5mg	1/50	68.8mg	13/50	mgl:ade,car. S
d	TR461	85.3mg	n.s.s.	2/50	17.2mg	7/50	34.5mg	1/50	68.8mg	11/50	
e	TR461	28.5mg	n.s.s.	49/50	17.2mg	50/50	34.5mg	50/50	68.8mg	50/50	
f	TR461	727.mg	n.s.s.	1/50	17.2mg	1/50	34.5mg	0/50	68.8mg	0/50	liv:hpa,hpb,hpc.
4379	TR461	53.0mg	n.s.s.	1/50	12.1mg	1/50	24.1mg	3/50	48.1mg	5/50	S
a	TR461	122.mg	n.s.s.	0/50	12.1mg	0/50	24.1mg	0/50	48.1mg	3/50	S
b	TR461	14.1mg	n.s.s.	50/50	12.1mg	47/50	24.1mg	49/50	48.1mg	49/50	
c	TR461	105.mg	n.s.s.	1/50	12.1mg	1/50	24.1mg	3/50	48.1mg	2/50	liv:hpa,hpb,hpc.
4380	2297	120.mg	n.s.s.	0/40	21.8mg	0/40	43.6mg	0/40			Griffin;eaes,34,109-117;1996/pers.comm.
4381	2297	266.mg	n.s.s.	1/40	15.3mg	1/40	30.5mg	0/40			
1-NITRONAPHTHALENE 86-57-7											
4382	TR64	230.mg	n.s.s.	42/100	63.7mg	12/50	127.mg	20/50			
a	TR64	1.01gm	n.s.s.	5/100	63.7mg	0/50	127.mg	1/50			liv:hpa,hpc,ndd.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR64	231.mg	n.s.s.	5/100	63.7mg	4/50	127.mg	7/50		lun:a/a,a/c.
4383	TR64	168.mg	n.s.s.	38/100	58.8mg	19/50	118.mg	21/50		
a	TR64	323.mg	n.s.s.	17/100	58.8mg	8/50	118.mg	8/50		liv:hpa,hpc,nnd.
b	TR64	290.mg	n.s.s.	17/100	58.8mg	8/50	118.mg	9/50		lun:a/a,a/c.
4384	TR64	72.0mg	n.s.s.	51/75	21.0mg	32/50	66.0mg	34/50		
a	TR64	346.mg	n.s.s.	4/75	21.0mg	0/50	66.0mg	2/50		liv:hpa,hpc,nnd.
4385	TR64	23.4mg	n.s.s.	36/75	16.8mg	21/50	(52.8mg)	19/50)		
a	TR64	175.mg	n.s.s.	0/75	16.8mg	2/50	52.8mg	2/50		liv:hpa,hpc,nnd.
3-NITROPENTANE 551-88-2										
4386	2265	1.29mg	4.46mg	0/30	12.5mg	27/30			Fiala;txcy,99,89-97;1995/pers.comm.	
a	2265	1.73mg	5.67mg	0/30	12.5mg	25/30				
1-NITROPROPANE 108-03-2										
4387	1670m	16.4mg	n.s.s.	0/10	31.8mg	0/10			Griffin;eaes,6,268-282;1982	
4388	1670n	36.9mg	n.s.s.	0/10	31.8mg	0/10				
4389	1670o	147.mg	n.s.s.	0/59	31.8mg	0/28				
4390	1670r	23.4mg	n.s.s.	0/59	17.8mg	0/8				
4391	1670m	11.5mg	n.s.s.	0/10	22.3mg	0/10				
4392	1670n	25.8mg	n.s.s.	0/10	22.3mg	0/10				
4393	1670o	99.1mg	n.s.s.	0/60	22.3mg	0/27				
4394	1670r	12.3mg	n.s.s.	0/60	12.4mg	0/6				
4395	1837	16.8ug	n.s.s.	1/29	9.59ug	1/26			Fiala;carc,8,1947-1949;1987/pers.comm.	
2-NITROPROPANE 79-46-9										
4396	1444	47.8mg	n.s.s.	0/85	7.96mg	1/65			Griffin;eaes,5,194-201;1981	
a	1444	24.1mg	n.s.s.	66/85	7.96mg	32/65				
b	1444	45.9mg	n.s.s.	18/85	7.96mg	6/65				
4397	1444m	4.10mg	n.s.s.	0/10	7.96mg	0/10				
a	1444m	2.38mg	n.s.s.	1/10	7.96mg	1/10				
b	1444m	4.10mg	n.s.s.	0/10	7.96mg	0/10				
4398	1444n	7.46mg	n.s.s.	0/48	4.34mg	0/10				
a	1444n	1.43mg	n.s.s.	36/48	4.34mg	7/10				
b	1444n	4.83mg	n.s.s.	7/48	4.34mg	1/10				
4399	1444	62.2mg	n.s.s.	1/85	5.57mg	0/65				
a	1444	12.2mg	n.s.s.	42/85	5.57mg	26/65				
b	1444	21.1mg	n.s.s.	11/85	5.57mg	7/65				
4400	1444m	2.87mg	n.s.s.	0/10	5.57mg	0/10				
a	1444m	1.47mg	n.s.s.	0/10	5.57mg	1/10				
b	1444m	2.87mg	n.s.s.	0/10	5.57mg	0/10				
4401	1444n	5.22mg	n.s.s.	1/64	3.04mg	0/10				
a	1444n	1.02mg	n.s.s.	32/64	3.04mg	6/10				
b	1444n	2.81mg	n.s.s.	2/64	3.04mg	1/10				
3-NITROPROPIONIC ACID 504-88-1										
4402	TR52	22.1mg	n.s.s.	26/50	8.80mg	32/50	17.7mg	26/50		
a	TR52	65.8mg	n.s.s.	2/50	8.80mg	1/50	17.7mg	4/50		liv:hpa,hpc,nnd.
b	TR52	49.0mg	n.s.s.	2/50	8.80mg	6/50	17.7mg	3/50		lun:a/a,a/c.
4403	TR52	17.9mg	n.s.s.	39/50	8.80mg	28/50	17.7mg	38/50		
a	TR52	39.7mg	n.s.s.	20/50	8.80mg	10/50	17.7mg	16/50		liv:hpa,hpc,nnd.
b	TR52	49.1mg	n.s.s.	14/50	8.80mg	8/50	17.7mg	10/50		lun:a/a,a/c.
4404	TR52	1.43mg	n.s.s.	40/50	.850mg	30/50	1.70mg	39/50		
a	TR52	7.14mg	n.s.s.	0/50	.850mg	1/50	1.70mg	1/50		liv:hpa,hpc,nnd.
4405	TR52	2.08mg	27.1mg	0/50	.600mg	3/50	1.20mg	6/50		liv:hpc,nnd.
a	TR52	2.28mg	87.3mg	0/50	.600mg	3/50	1.20mg	5/50		
b	TR52	1.85mg	n.s.s.	4/50	.600mg	6/50	1.20mg	11/50		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
c	TR52	.998mg	n.s.s.	36/50	.600mg	31/50	1.20mg	38/50			
d	TR52	2.08mg	27.1mg	0/50	.600mg	3/50	1.20mg	6/50			liv:hpa,hpc,nnd.
1-NITROPYRENE 5522-43-0											
4406	2329	1.85mg	16.7mg	4/30	.755mg	13/40	1.51mg	21/40	3.02mg	22/46	Odagiri;cmde,291-307;1986
a	2329	3.06mg	9.19mg	0/30	.755mg	2/40	1.51mg	12/40	3.02mg	14/46	
b	2329	3.70mg	16.4mg	0/30	.755mg	3/40	1.51mg	9/40	3.02mg	11/46	
c	2329	3.44mg	34.5mg	1/30	.755mg	4/40	1.51mg	11/40	3.02mg	12/46	
d	2329	1.81mg	n.s.s.	9/30	.755mg	23/40	1.51mg	22/40	3.02mg	27/46	
e	2329	15.6mg	n.s.s.	0/30	.755mg	0/40	1.51mg	0/40	3.02mg	3/46	
f	2329	3.82mg	n.s.s.	4/30	.755mg	10/40	1.51mg	14/40	3.02mg	12/46	
g	2329	5.05mg	n.s.s.	4/30	.755mg	11/40	1.51mg	11/40	3.02mg	10/46	
h	2329	25.5mg	n.s.s.	0/30	.755mg	0/40	1.51mg	1/40	3.02mg	0/46	
i	2329	21.1mg	n.s.s.	1/30	.755mg	1/40	1.51mg	1/40	3.02mg	1/46	
6-NITROQUINOLINE 613-50-3											
4407	1529	185.mg	n.s.s.	3/44	25.0mg	0/36					Fukushima;clet,14,115-123;1981
4408	1529	65.7mg	n.s.s.	0/31	20.0mg	2/40					
8-NITROQUINOLINE 607-35-2											
4409	1529	4.34mg	18.6mg	1/44	50.0mg	36/37					Fukushima;clet,14,115-123;1981
a	1529	19.6mg	59.5mg	0/44	50.0mg	24/37					
b	1529	381.mg	n.s.s.	3/44	50.0mg	0/37					
4410	1529	5.21mg	19.5mg	0/31	40.0mg	28/30					
a	1529	14.2mg	48.3mg	0/31	40.0mg	20/30					
b	1529	247.mg	n.s.s.	0/31	40.0mg	0/30					
NITROSO-BAYGON 38777-13-8											
4411	1409	.173mg	.891mg	0/40	.984mg	12/16					Lijinsky;eaes,2,413-419;1978
a	1409	.206mg	1.10mg	0/40	.984mg	11/16					
N-NITROSO-BIS-(4,4,4-TRIFLUORO-N-BUTYL)AMINE 83335-32-4											
4412	1489	.382mg	1.47mg	0/24	1.35mg	17/24					Preussmann;carc,3,1219-1222;1982
a	1489	.576mg	2.55mg	0/24	1.35mg	13/24					
b	1489	.120mg	.693mg	4/24	1.35mg	23/24					
4413	1489	.425mg	1.68mg	0/24	1.35mg	16/24					
a	1489	.425mg	1.68mg	0/24	1.35mg	16/24					
b	1489	.176mg	.788mg	2/24	1.35mg	22/24					
1-NITROSO-5,6-DIHYDROTHYMINE 62641-67-2											
4414	1607	7.66mg	n.s.s.	0/20	3.21mg	2/20					Lawson;jnci,73,515-519;1984
a	1607	2.67mg	n.s.s.	15/20	3.21mg	14/20					
4415	1607	13.1mg	n.s.s.	0/23	2.25mg	0/19					
a	1607	7.43mg	n.s.s.	9/23	2.25mg	3/19					
1-NITROSO-5,6-DIHYDROURACIL 16813-36-8											
4416	1246	44.5ug	.222mg	0/25	1.08mg	24/25					Bulay;jnci,62,1523-1528;1979
a	1246	44.5ug	.222mg	0/25	1.08mg	24/25					
b	1246	48.6ug	.458mg	12/25	1.08mg	24/25					
4417	1246	39.4ug	.204mg	0/22	.941mg	22/23					
a	1246	39.4ug	.204mg	0/22	.941mg	22/23					
b	1246	43.9ug	.639mg	12/22	.941mg	22/23					
N-NITROSO-2,3-DIHYDROXYPROPYL-2-HYDROXYPROPYLAMINE 89911-79-5											
4418	1682	.804mg	3.67mg	0/20	4.69mg	13/20					Lijinsky;jnci,74,923-926;1985
a	1682	.804mg	3.67mg	0/20	4.69mg	13/20					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc				Citation or Pathology	Brkly Code
b	1682	5.30mg	n.s.s.	0/20	4.69mg	1/20							
c	1682	10.0mg	n.s.s.	0/20	4.69mg	0/20							
4419	1612	25.4ug	.117mg	0/20	.269mg	18/20						Lijinsky;carc,5,167-170;1984	
a	1612	45.5ug	.196mg	0/20	.269mg	15/20							
b	1612	59.3ug	.271mg	0/20	.269mg	13/20							
c	1612	84.8ug	.464mg	0/20	.269mg	10/20							
d	1612	.108mg	.762mg	0/20	.269mg	8/20							
e	1612	.391mg	n.s.s.	0/20	.269mg	1/20							
f	1612	.526mg	n.s.s.	3/20	.269mg	1/20							
NITROSO-2,3-DIHYDROXYPROPYL-2-OXOPROPYLAMINE 92177-50-9													
4420	1682	.386mg	1.66mg	0/20	5.45mg	15/20						Lijinsky;jnci,74,923-926;1985	
a	1682	.443mg	1.95mg	0/20	5.45mg	14/20							
b	1682	1.37mg	41.9mg	0/20	5.45mg	5/20							
c	1682	2.44mg	n.s.s.	0/20	5.45mg	2/20							
d	1682	2.44mg	n.s.s.	0/20	5.45mg	2/20							
e	1682	3.32mg	n.s.s.	0/20	5.45mg	1/20							
f	1682	3.32mg	n.s.s.	0/20	5.45mg	1/20							
4421	1639	17.6ug	76.3ug	0/20	.349mg	17/20						Lijinsky;zkko,107,178-182;1984	
a	1639	24.7ug	.106mg	0/20	.349mg	15/20							
b	1639	28.3ug	.125mg	0/20	.349mg	14/20							
c	1639	32.2ug	.147mg	0/20	.349mg	13/20							
d	1639	46.0ug	.252mg	0/20	.349mg	10/20							
e	1639	66.4ug	.588mg	0/20	.349mg	7/20							
f	1639	.212mg	n.s.s.	0/20	.349mg	1/20							
N-NITROSO-2,3-DIHYDROXYPROPYLETHANOLAMINE 89911-78-4													
4422	1682	15.9mg	n.s.s.	0/20	12.5mg	3/20						Lijinsky;jnci,74,923-926;1985	
a	1682	51.5mg	n.s.s.	0/20	12.5mg	0/20							
b	1682	51.5mg	n.s.s.	0/20	12.5mg	0/20							
4423	1612	2.75mg	n.s.s.	3/20	1.87mg	8/20	3.74mg	10/20				Lijinsky;carc,5,167-170;1984	
a	1612	3.59mg	n.s.s.	3/20	1.87mg	5/20	3.74mg	9/20					
b	1612	5.18mg	n.s.s.	0/20	1.87mg	4/20	3.74mg	4/20					
1-NITROSO-3,5-DIMETHYL-4-BENZOYLPIPERAZINE 61034-40-0													
4424	1208	3.65mg	111.mg	0/20	2.81mg	5/20						Singer;canr,41,1034-1038;1981	
a	1208	3.31mg	n.s.s.	1/20	2.81mg	6/20							
b	1208	6.48mg	n.s.s.	0/20	2.81mg	2/20							
c	1208	.701mg	n.s.s.	20/20	2.81mg	19/20							
NITROSO-2,6-DIMETHYLMORPHOLINE 1456-28-6													
4425	430	3.54mg	21.8mg	0/15	1.31mg	2/15	2.63mg	3/15	5.24mg	3/15	10.5mg	8/15	Reznik;jnci,60,371-378;1978
a	430	4.70mg	27.7mg	0/15	1.31mg	0/15	2.63mg	1/15	5.24mg	7/15	10.5mg	4/15	
b	430	5.34mg	32.0mg	0/15	1.31mg	0/15	2.63mg	1/15	5.24mg	3/15	10.5mg	6/15	
c	430	7.29mg	279.mg	0/15	1.31mg	0/15	2.63mg	0/15	5.24mg	5/15	10.5mg	2/15	
d	430	2.77mg	n.s.s.	0/15	1.31mg	3/15	2.63mg	7/15	5.24mg	6/15	10.5mg	6/15	
e	430	3.39mg	n.s.s.	0/15	1.31mg	2/15	2.63mg	6/15	5.24mg	5/15	10.5mg	5/15	
f	430	4.86mg	n.s.s.	0/15	1.31mg	1/15	2.63mg	3/15	5.24mg	5/15	10.5mg	3/15	
g	430	6.07mg	n.s.s.	0/15	1.31mg	0/15	2.63mg	5/15	5.24mg	0/15	10.5mg	4/15	
h	430	8.48mg	n.s.s.	0/15	1.31mg	1/15	2.63mg	2/15	5.24mg	1/15	10.5mg	2/15	
i	430	5.06mg	n.s.s.	0/15	1.31mg	3/15	2.63mg	5/15	5.24mg	5/15	10.5mg	2/15	
j	430	16.5mg	n.s.s.	0/15	1.31mg	3/15	2.63mg	2/15	5.24mg	0/15	10.5mg	1/15	
k	430	.987mg	4.99mg	0/15	1.31mg	8/15	2.63mg	12/15	5.24mg	14/15	10.5mg	10/15	
4426	430	.659mg	2.72mg	0/15	1.31mg	7/15	2.63mg	9/15	(5.24mg	5/15	10.5mg	5/15)	
a	430	1.58mg	7.41mg	0/15	1.31mg	2/15	2.63mg	10/15	5.24mg	6/15	(10.5mg	9/15)	
b	430	1.31mg	10.6mg	0/15	1.31mg	1/15	2.63mg	7/15	(5.24mg	3/15	10.5mg	4/15)	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code
c	430	3.75mg	18.8mg	0/15	1.31mg	0/15	2.63mg	5/15	5.24mg	6/15	10.5mg	6/15		
d	430	5.16mg	38.4mg	0/15	1.31mg	0/15	2.63mg	3/15	5.24mg	4/15	10.5mg	5/15		
e	430	4.25mg	n.s.s.	0/15	1.31mg	4/15	2.63mg	3/15	5.24mg	3/15	10.5mg	6/15		
f	430	5.29mg	n.s.s.	0/15	1.31mg	2/15	2.63mg	7/15	5.24mg	1/15	10.5mg	4/15		
g	430	7.74mg	n.s.s.	0/15	1.31mg	2/15	2.63mg	1/15	5.24mg	3/15	10.5mg	2/15		
h	430	1.07mg	2.90mg	0/15	1.31mg	5/15	2.63mg	10/15	5.24mg	12/15	10.5mg	13/15		
1-NITROSO-1-HYDROXYETHYL-3-CHLOROETHYLUREA (1-(2-hydroxyethyl)-nitroso-3-chloroethylurea) 96806-34-7														
4427	1792	.242mg	1.17mg	0/20	.582mg								Lijinsky;zkko,112,221-228;1986	
a	1792	.274mg	1.40mg	0/20	.582mg									
b	1792	.310mg	1.70mg	0/20	.582mg									
c	1792	.308mg	n.s.s.	4/20	.582mg									
d	1792	1.08mg	n.s.s.	0/20	.582mg									
e	1792	1.08mg	n.s.s.	0/20	.582mg									
4428	2010	.214mg	n.s.s.	2/12	.499mg								Lijinsky;vivo,4,1-6;1990	
a	2010	.357mg	n.s.s.	0/12	.499mg									
4429	1792	73.4ug	.298mg	2/20	.390mg	18/20	.758mg	20/20					Lijinsky;zkko,112,221-228;1986	
a	1792	.135mg	.412mg	0/20	.390mg	14/20	.758mg	20/20						
b	1792	.387mg	1.25mg	0/20	.390mg	7/20	.758mg	14/20						
c	1792	.519mg	2.01mg	0/20	.390mg	7/20	.758mg	10/20						
d	1792	.564mg	n.s.s.	2/20	.390mg	10/20	.758mg	8/20						
4430	2010	.201mg	n.s.s.	0/12	.349mg	4/12							Lijinsky;vivo,4,1-6;1990	
N-NITROSO-2-HYDROXYMORPHOLINE 67587-52-4														
4431	1928	2.42mg	n.s.s.	0/20	.265mg	1/20	.530mg	0/20					Hecht;carc,10,1475-1477;1989/pers.comm.	
1-NITROSO-1-(2-HYDROXYPROPYL)-3-CHLOROETHYLUREA (1-(2-hydroxypropyl)-nitroso-3-chloroethylurea) 96806-35-8														
4432	1792	.396mg	2.80mg	0/20	.791mg	8/20							Lijinsky;zkko,112,221-228;1986	
a	1792	.396mg	2.80mg	0/20	.791mg	8/20								
b	1792	.358mg	n.s.s.	4/20	.791mg	10/20								
c	1792	1.43mg	n.s.s.	0/20	.791mg	1/20								
4433	2010	1.32mg	n.s.s.	0/12	.535mg	0/12							Lijinsky;vivo,4,1-6;1990	
4434	1792	.462mg	2.43mg	2/20	.438mg	4/19	.751mg	15/20					Lijinsky;zkko,112,221-228;1986	
a	1792	.587mg	5.55mg	2/20	.438mg	4/19	.751mg	12/20						
b	1792	1.17mg	16.8mg	0/20	.438mg	1/19	.751mg	6/20						
c	1792	1.01mg	n.s.s.	1/20	.438mg	2/19	.751mg	7/20						
4435	2010	.926mg	n.s.s.	0/12	.374mg	0/12							Lijinsky;vivo,4,1-6;1990	
N-NITROSO-(2-HYDROXYPROPYL)-(2-HYDROXYETHYL)AMINE 75896-33-2														
4436	1612	.511mg	2.21mg	0/20	5.44mg	17/20							Lijinsky;carc,5,167-170;1984	
a	1612	.532mg	2.94mg	3/20	5.44mg	17/20								
b	1612	1.93mg	17.0mg	0/20	5.44mg	7/20								
c	1612	2.20mg	28.4mg	0/20	5.44mg	6/20								
d	1612	2.55mg	77.7mg	0/20	5.44mg	5/20								
e	1612	11.7mg	n.s.s.	3/20	5.44mg	0/20								
N-NITROSO-3-HYDROXYPYRROLIDINE 56222-35-6														
4437	1634	3.07mg	85.1mg	0/24	2.50mg	5/23							Eisenbrand;iarc,657-663;1980	
a	1634	2.80mg	n.s.s.	1/24	2.50mg	6/23								
N-NITROSO-N-ISOBUTYLUREA (N-isobutyl-N-nitrosourea) 760-60-1														
4438	1549	3.18mg	7.32mg	0/17	5.71mg	6/25	11.4mg	14/24	22.9mg	25/28			Ogiu;gann,74,342-350;1983	
a	1549	4.72mg	11.7mg	0/17	5.71mg	2/25	11.4mg	12/24	22.9mg	21/28				
b	1549	12.7mg	n.s.s.	0/17	5.71mg	3/25	11.4mg	7/24	22.9mg	5/28				
c	1549	30.4mg	n.s.s.	1/17	5.71mg	2/25	11.4mg	3/24	22.9mg	2/28				
d	1549	2.04mg	n.s.s.	12/17	5.71mg	20/25	11.4mg	20/24	22.9mg	27/28				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
g	1206	.953mg	n.s.s.	19/20	3.63mg	18/20					
NITROSO-5-METHYLOXAZOLIDONE 79624-33-2											
4448	1672	80.7ug	.391mg	1/20	1.70mg	18/20				Lijinsky;canr,45,542-545;1985	
N-NITROSO-N-METHYLUREA 684-93-5											
4449	2182	.380mg	3.14mg	0/10	2.78mg	10/21	(5.56mg	6/21	11.1mg	4/22)	Tatematsu;gann,84,1258-1264;1993/pers.comm.
a	2182	.814mg	3.95mg	0/10	2.78mg	8/21	5.56mg	18/21	11.1mg	13/22	
b	2182	3.10mg	36.2mg	0/10	2.78mg	1/21	5.56mg	3/21	11.1mg	7/22	
c	2182	.538mg	n.s.s.	3/10	2.78mg	9/21	(5.56mg	2/21	11.1mg	1/22)	
d	2182	16.7mg	n.s.s.	1/10	2.78mg	2/21	5.56mg	0/21	11.1mg	0/22	
4450	2004	1.22mg	18.6mg	0/63	6.32mg	6/16					Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.
a	2004	2.95mg	27.9mg	0/63	6.32mg	6/16					
b	2004	3.75mg	46.0mg	0/63	6.32mg	5/16					
c	2004	.652mg	n.s.s.	0/4	6.32mg	2/2					
d	2004	13.4mg	n.s.s.	0/63	6.32mg	1/16					
e	2004	1.29mg	n.s.s.	0/4	6.32mg	1/2					
f	2004	1.29mg	n.s.s.	0/4	6.32mg	1/2					
g	2004	3.88mg	n.s.s.	0/10	6.32mg	1/5					
h	2004	4.75mg	n.s.s.	0/12	6.32mg	1/6					
i	2004	5.61mg	n.s.s.	0/14	6.32mg	1/7					
j	2004	10.8mg	n.s.s.	0/26	6.32mg	1/13					
k	2004	10.8mg	n.s.s.	0/26	6.32mg	1/13					
l	2004	.839mg	35.0mg	4/63	6.32mg	9/16					
m	2004	1.26mg	n.s.s.	3/63	6.32mg	7/16					
n	2004	2.14mg	n.s.s.	2/20	6.32mg	2/8					
4451	2004	3.23mg	21.0mg	1/72	7.80mg	9/16					
a	2004	3.58mg	22.4mg	0/72	7.80mg	8/16					
b	2004	4.90mg	143.mg	1/72	7.80mg	4/16					
c	2004	10.8mg	1.52gm	0/72	7.80mg	2/15					
d	2004	6.98mg	n.s.s.	0/37	7.80mg	1/7					
e	2004	6.98mg	n.s.s.	0/37	7.80mg	1/7					
f	2004	10.2mg	n.s.s.	0/47	7.80mg	1/10					
g	2004	15.6mg	n.s.s.	0/72	7.80mg	1/15					
h	2004	15.6mg	n.s.s.	0/72	7.80mg	1/15					
i	2004	16.6mg	n.s.s.	0/72	7.80mg	1/16					
j	2004	8.84mg	n.s.s.	1/72	7.80mg	1/16					
k	2004	2.79mg	26.2mg	5/74	7.80mg	9/16					
4452	1915	44.1ug	.203mg	0/12	.312mg	18/20					Lijinsky;txih,5,925-935;1989
a	1915	.165mg	1.33mg	0/12	.312mg	9/20					
b	1915	.498mg	n.s.s.	0/12	.312mg	2/20					
c	1915	.574mg	n.s.s.	1/12	.312mg	2/20					
N-NITROSO-N-METHYLURETHAN 615-53-2											
4453	1181	n.s.s.	.127mg	0/16	.629mg	16/16					Herrold;jnci,37,389-394;1966
a	1181	59.7ug	.305mg	0/16	.629mg	13/16					
N-NITROSO-1,3-OXAZOLIDINE (nitrosooxazolidone) 39884-52-1											
4454	1672	.855mg	n.s.s.	1/20	.899mg	5/20					Lijinsky;canr,45,542-545;1985
a	1672	3.71mg	n.s.s.	0/20	.899mg	0/20					
4455	1608	.240mg	1.02mg	0/20	2.83mg	16/20					Lijinsky;carc,5,875-878;1984
a	1608	.464mg	2.35mg	0/20	2.83mg	11/20					
b	1608	.995mg	30.4mg	0/20	2.83mg	5/20					
c	1608	2.40mg	n.s.s.	0/20	2.83mg	1/20					
d	1608	.106mg	.681mg	3/20	2.83mg	19/20					

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code						
3-NITROSO-2-OXAZOLIDINONE 38347-74-9															
4456	1813m	n.s.s.	.262mg	0/17	2.14mg	26/26		Mirvish;jnci,78,387-393;1987/pers.comm.							
a	1813m	.315mg	1.22mg	0/17	2.14mg	16/26									
b	1813m	n.s.s.	.281mg	2/17	2.14mg	26/26									
4457	1813n	.389mg	1.57mg	0/17	2.15mg	15/25									
a	1813n	.571mg	3.09mg	0/17	2.15mg	11/25									
b	1813n	.171mg	.750mg	2/17	2.15mg	22/25									
NITROSO-2-OXOPROPYLETHANOLAMINE 92177-49-6															
4458	1682	.508mg	2.17mg	0/20	5.99mg	16/20		Lijinsky;jnci,74,923-926;1985							
a	1682	1.10mg	6.05mg	0/20	5.99mg	10/20									
b	1682	1.24mg	7.57mg	0/20	5.99mg	9/20									
c	1682	1.59mg	14.1mg	0/20	5.99mg	7/20									
d	1682	1.59mg	14.1mg	0/20	5.99mg	7/20									
e	1682	2.11mg	64.3mg	0/20	5.99mg	5/20									
f	1682	2.11mg	64.3mg	0/20	5.99mg	5/20									
g	1682	5.09mg	n.s.s.	0/20	5.99mg	1/20									
4459	1639	.770mg	6.82mg	0/20	.850mg	7/20		Lijinsky;zkko,107,178-182;1984							
a	1639	1.02mg	31.1mg	0/20	.850mg	5/20									
b	1639	1.02mg	31.1mg	0/20	.850mg	5/20									
DI (N-NITROSO) -PERHYDROPYRIMIDINE 15973-99-6															
4460	1538	67.8ug	.778mg	0/40	10.0ug	0/40	28.6ug	6/40	Habs;zkko,105,191-193;1983						
N-NITROSO-2-PHENYLETHYLUREA 777-79-7															
4461	1956	.308mg	7.43mg	1/12	2.08mg	7/11		Lijinsky;bmes,2,167-173;1989							
a	1956	.369mg	3.87mg	0/12	2.08mg	6/11									
b	1956	.984mg	n.s.s.	1/12	2.08mg	2/11									
c	1956	1.26mg	n.s.s.	0/12	2.08mg	1/11									
4462	1956	.450mg	9.70mg	0/12	1.83mg	5/12									
a	1956	.680mg	n.s.s.	0/12	1.83mg	3/12									
b	1956	.680mg	n.s.s.	0/12	1.83mg	3/12									
c	1956	.732mg	n.s.s.	1/12	1.83mg	3/12									
NITROSO-1,2,3,6-TETRAHYDROPYRIDINE 55556-92-8															
4463	1375m	76.3ug	.350mg	0/20	7.94ug	6/20	20.6ug	1/20	50.8ug	4/20	.140mg	15/20	(.785mg	17/20	Lijinsky;eaes,6,513-527;1982/pers.comm.
a	1375m	.129mg	.378mg	0/20	7.94ug	0/20	20.6ug	0/20	50.8ug	1/20	.140mg	16/20	.785mg	19/20	
b	1375m	.141mg	.614mg	0/20	7.94ug	0/20	20.6ug	0/20	50.8ug	0/20	.140mg	13/20	(.785mg	10/20	
c	1375m	2.14mg	8.91mg	0/20	7.94ug	0/20	20.6ug	0/20	50.8ug	0/20	.140mg	0/20	.785mg	0/20	
d	1375m	12.8mg	n.s.s.	0/20	7.94ug	2/20	20.6ug	6/20	50.8ug	4/20	.140mg	2/20	.785mg	0/20	
e	1375m	8.09mg	n.s.s.	1/20	7.94ug	4/20	20.6ug	9/20	50.8ug	6/20	.140mg	5/20	.785mg	0/20	
f	1375m	14.4mg	n.s.s.	0/20	7.94ug	6/20	20.6ug	0/20	50.8ug	2/20	.140mg	4/20	.785mg	1/20	
4464	1375n	n.s.s.	62.0ug	0/20	.184mg	20/20									
a	1375n	49.3ug	.217mg	0/20	.184mg	14/20									
b	1375n	63.3ug	.303mg	0/20	.184mg	12/20									
c	1375n	.298mg	n.s.s.	1/20	.184mg	2/20									
4465	1375o	22.0ug	66.7ug	0/20	31.8ug	10/20	82.6ug	19/20							
a	1375o	25.6ug	.156mg	0/20	31.8ug	9/20	(82.6ug	3/20)							

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc						Citation or Pathology	Brkly Code
b	1375o	37.6ug	.131mg	0/20	31.8ug	0/20	82.6ug	20/20							
c	1375o	47.9ug	.171mg	0/20	31.8ug	2/20	82.6ug	16/20							
d	1375o	66.5ug	.852mg	1/20	31.8ug	7/20	82.6ug	9/20							
e	1375o	.163mg	3.43mg	0/20	31.8ug	0/20	82.6ug	5/20							
f	1375o	.115mg	n.s.s.	1/20	31.8ug	3/20	82.6ug	6/20							
N-NITROSO(2,2,2-TRIFLUOROETHYL)ETHYLAMINE 82018-90-4															
4466	1554	1.73mg	4.45mg	0/20	2.14mg	9/20	4.29mg	18/20	8.57mg	14/20	17.1mg	17/20		Preussmann;carc,4,755-757;1983	
a	1554	4.14mg	120.mg	0/20	2.14mg	4/20	4.29mg	8/20	8.57mg	5/20	(17.1mg	3/20)			
b	1554	65.7mg	n.s.s.	0/20	2.14mg	1/20	4.29mg	0/20	8.57mg	0/20	17.1mg	0/20			
N-NITROSO-2,2,4-TRIMETHYL-1,2-DIHYDROQUINOLINE POLYMER 29929-77-9															
4467	1258	1.34mg	15.4mg	0/22	1.86mg	6/20								Boyland;ejca,4,233-239;1968	
1-NITROSO-3,4,5-TRIMETHYLPYPERAZINE 75881-18-4															
4468	1570	.623mg	4.85mg	3/20	4.57mg	14/20								Lijinsky;carc,4,1165-1167;1983	
a	1570	.844mg	4.28mg	0/20	4.57mg	11/20									
b	1570	1.37mg	12.1mg	0/20	4.57mg	7/20									
c	1570	2.13mg	n.s.s.	0/20	4.57mg	4/20									
d	1570	n.s.s.	.813mg	3/20	4.57mg	20/20									
4469	1570	88.2ug	.270mg	0/20	.259mg	13/20	.980mg	18/20							
a	1570	.564mg	n.s.s.	2/20	.259mg	0/20	.980mg	0/20							
b	1570	.184mg	n.s.s.	19/20	.259mg	17/20	.980mg	18/20							
N-NITROSOALLYL-2,3-DIHYDROXYPROPYLAMINE 88208-16-6															
4470	1613	.412mg	1.78mg	0/20	8.16mg	17/20								Lijinsky;clet,22,281-288;1984	
a	1613	.495mg	2.11mg	0/20	8.16mg	16/20									
b	1613	.578mg	2.49mg	0/20	8.16mg	15/20									
c	1613	9.41mg	n.s.s.	2/20	8.16mg	0/20									
N-NITROSOALLYL-2-HYDROXYPROPYLAMINE 91308-70-2															
4471	1613	.438mg	1.90mg	0/20	6.22mg	17/20								Lijinsky;clet,22,281-288;1984	
a	1613	.705mg	3.11mg	0/20	6.22mg	14/20									
b	1613	1.89mg	24.4mg	0/20	6.22mg	6/20									
N-NITROSOALLYL-2-OXOPROPYLAMINE 91308-71-3															
4472	1682	.591mg	2.83mg	0/20	5.67mg	12/20								Lijinsky;jnci,74,923-926;1985	
a	1682	.665mg	3.37mg	0/20	5.67mg	11/20									
b	1682	1.43mg	43.5mg	0/20	5.67mg	5/20									
c	1682	1.68mg	n.s.s.	0/20	5.67mg	4/20									
d	1682	3.45mg	n.s.s.	0/20	5.67mg	1/20									
e	1682	6.53mg	n.s.s.	0/20	5.67mg	0/20									
4473	1613	.170mg	.728mg	0/20	1.18mg	16/20								Lijinsky;clet,22,281-288;1984	
a	1613	.535mg	4.73mg	0/20	1.18mg	7/20									
N-NITROSOALLYLETHANOLAMINE 91308-69-9															
4474	1613	.202mg	1.12mg	0/20	5.49mg	19/20								Lijinsky;clet,22,281-288;1984	
a	1613	1.67mg	21.5mg	0/20	5.49mg	6/20									
NITROSOAMYLURETHAN (1-amyl-1-nitrosourethan) 64005-62-5															
4475	1494	.664mg	1.63mg	0/37	2.86mg	19/29	5.71mg	17/29	(11.4mg	18/27)				Onodera;gann,73,48-54;1982	
a	1494	.769mg	1.59mg	0/37	2.86mg	19/29	5.71mg	21/29	11.4mg	21/27					
b	1494	1.02mg	2.18mg	0/37	2.86mg	16/29	5.71mg	19/29	11.4mg	18/27					
c	1494	.746mg	3.98mg	0/37	2.86mg	10/29	(5.71mg	3/29	11.4mg	2/27)					
d	1494	1.05mg	3.02mg	0/37	2.86mg	11/29	5.71mg	14/29	(11.4mg	8/27)					
e	1494	1.14mg	12.1mg	0/37	2.86mg	6/29	(5.71mg	1/29	11.4mg	0/27)					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
f	1494	.187mg	.626mg	11/37	2.86mg	29/29	5.71mg	29/29	11.4mg	26/27		
NITROSOANABASINE (NAB) 1133-64-8												
4476	1260	4.84mg	35.9mg	0/5	98.0mg	12/13					Boyland;bjca,18,265-270;1964	
a	1260	7.54mg	53.0mg	0/5	98.0mg	11/13						
b	1260	67.2mg	n.s.s.	0/5	98.0mg	1/13						
c	1260	129.mg	n.s.s.	0/5	98.0mg	0/13						
4477	1260	4.19mg	37.0mg	0/3	85.7mg	13/14						
a	1260	12.6mg	n.s.s.	0/3	85.7mg	9/14						
b	1260	29.5mg	n.s.s.	0/3	85.7mg	4/14						
c	1260	122.mg	n.s.s.	0/3	85.7mg	0/14						
N-NITROSOAZETIDINE 15216-10-1												
4478	1608	3.06mg	27.1mg	0/20	6.72mg	7/20					Lijinsky;carc,5,875-878;1984	
a	1608	4.04mg	123.mg	0/20	6.72mg	5/20						
b	1608	18.5mg	n.s.s.	0/20	6.72mg	0/20						
c	1608	3.05mg	n.s.s.	3/20	6.72mg	8/20						
N-NITROSOBENZTHIAZURON (1-(2'-benzothiazolyl)-3-methyl-3-nitrosourea) 51542-33-7												
4479	1422	.746mg	1.74mg	0/22	7.14mg	27/30	14.3mg	25/30			Ungerer;zkko,81,217-224;1974	
a	1422	.984mg	2.31mg	0/22	7.14mg	21/30	14.3mg	25/30				
b	1422	1.82mg	11.0mg	0/22	7.14mg	10/30	(14.3mg	4/30)				
c	1422	5.67mg	n.s.s.	0/22	7.14mg	6/30	14.3mg	5/30				
N-NITROSOBIS (2-HYDROXYPROPYL) AMINE (N-bis (2-hydroxypropyl)nitrosamine) 53609-64-6												
4480	1612	.414mg	1.77mg	0/20	6.83mg	16/20					Lijinsky;carc,5,167-170;1984	
a	1612	.630mg	2.88mg	0/20	6.83mg	13/20						
b	1612	1.30mg	11.5mg	0/20	6.83mg	7/20						
c	1612	7.87mg	n.s.s.	3/20	6.83mg	0/20						
4481	1553	55.4mg	n.s.s.	0/15	17.9mg	2/14	35.7mg	1/15	71.4mg	1/15	Pour;carc,4,49-55;1983	
4482	1191	.358mg	2.34mg	0/12	5.00mg	6/10	25.0mg	9/9			Konishi;gann,69,573-577;1978	
a	1191	1.51mg	12.6mg	0/12	5.00mg	3/10	25.0mg	6/9				
b	1191	1.88mg	15.8mg	0/12	5.00mg	1/10	25.0mg	6/9				
c	1191	3.22mg	61.8mg	0/12	5.00mg	0/10	25.0mg	4/9				
d	1191	.718mg	n.s.s.	0/12	5.00mg	3/10	(25.0mg	1/9)				
N-NITROSOBIS (2-OXOPROPYL) AMINE 60599-38-4												
4483	1551	.254mg	3.08mg	0/20	.644mg	5/12					Lijinsky;clet,19,207-213;1983	
a	1551	n.s.s.	n.s.s.	18/20	.644mg	12/12						
4484	1639	.110mg	.506mg	0/20	1.50mg	18/20					Lijinsky;zkko,107,178-182;1984	
a	1639	.200mg	.967mg	1/20	1.50mg	15/20						
b	1639	.290mg	1.39mg	0/20	1.50mg	12/20						
c	1639	.413mg	2.52mg	0/20	1.50mg	9/20						
4485	1911	.167mg	.511mg	0/15	.357mg	0/15	.714mg	12/15	1.43mg	14/15	Pour;clet,45,49-57;1989	
a	1911	.651mg	n.s.s.	0/15	.357mg	1/15	.714mg	5/15	1.43mg	3/15		
b	1911	2.27mg	n.s.s.	0/15	.357mg	0/15	.714mg	1/15	1.43mg	0/15		
c	1911	2.27mg	n.s.s.	0/15	.357mg	0/15	.714mg	1/15	1.43mg	0/15		
d	1911	90.5ug	.399mg	5/15	.357mg	5/15	.714mg	15/15	1.43mg	15/15		
4486	1911	.458mg	2.02mg	0/15	.357mg	0/15	.714mg	4/14	1.43mg	9/15		
a	1911	.476mg	9.48mg	1/15	.357mg	2/15	.714mg	5/14	1.43mg	7/15		
b	1911	.548mg	2.94mg	0/15	.357mg	0/15	.714mg	4/14	1.43mg	7/15		
c	1911	.594mg	3.45mg	0/15	.357mg	0/15	.714mg	3/14	1.43mg	7/15		
d	1911	.719mg	5.63mg	0/15	.357mg	0/15	.714mg	2/14	1.43mg	6/15		
e	1911	.898mg	12.1mg	0/15	.357mg	0/15	.714mg	1/14	1.43mg	5/15		
f	1911	.508mg	n.s.s.	0/15	.357mg	4/15	.714mg	5/14	1.43mg	4/15		
g	1911	49.8ug	.217mg	3/15	.357mg	11/15	.714mg	14/14	1.43mg	15/15		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
4487	1393	.411mg	2.36mg	0/15	1.43mg	10/15										
a	1393	.658mg	5.63mg	0/15	1.43mg	7/15									Pour;clet,13,303-308;1981	
b	1393	.658mg	5.63mg	0/15	1.43mg	7/15										
c	1393	.658mg	5.63mg	0/15	1.43mg	7/15										
d	1393	.770mg	9.22mg	0/15	1.43mg	6/15										
e	1393	.907mg	22.8mg	0/15	1.43mg	5/15										
f	1393	1.08mg	n.s.s.	0/15	1.43mg	4/15										
4488	1553	.658mg	7.19mg	0/15	.357mg	0/15	.714mg	2/12	1.43mg	5/15					Pour;carc,4,49-55;1983	
N-NITROSOBIS (2,2,2-TRIFLUOROETHYL)AMINE (6-F-DEN) 625-89-8																
4489	1342	.931mg	n.s.s.	1/20	.610mg	2/12									Preussmann;carc,2,753-756;1981	
4490	1342	2.36mg	n.s.s.	2/35	.561mg	2/35										
a	1342	4.86mg	n.s.s.	0/35	.561mg	0/35										
NITROSOCHLORDIAZEPOXIDE 51715-17-4																
4491	1257	5.85mg	n.s.s.	14/43	4.02mg	6/21									Giner-Sorolla;fctx,18,81-83;1980	
a	1257	18.1mg	n.s.s.	0/43	4.02mg	0/21										
b	1257	8.43mg	n.s.s.	24/43	4.02mg	6/21										
4492	1257	3.32mg	n.s.s.	15/18	3.35mg	14/23										
a	1257	3.12mg	n.s.s.	16/18	3.35mg	15/23										
N-NITROSOCIMETIDINE 73785-40-7																
4493	1925	558.mg	n.s.s.	3/20	22.6mg	1/17	226.mg	1/17							Anderson;canr,45,3561-3566;1985	
a	1925	714.mg	n.s.s.	1/20	22.6mg	2/17	226.mg	0/17								
4494	1611	7.11mg	217.mg	0/20	4.99mg	5/20									Lijinsky;canr,44,447-449;1984	
a	1611	1.32mg	n.s.s.	11/20	4.99mg	18/20										
b	1611	8.56mg	n.s.s.	3/20	4.99mg	5/20										
4495	1611	7.07mg	n.s.s.	5/20	3.49mg	5/20										
4496	1699	142.mg	n.s.s.	10/50	7.17mg	1/20	71.7mg	3/20							Habs;hepg,29,265-266;1982	
a	1699	232.mg	n.s.s.	7/50	7.17mg	0/20	71.7mg	1/20								
4497	1699	136.mg	n.s.s.	9/50	7.17mg	1/20	71.7mg	3/20								
a	1699	149.mg	n.s.s.	5/50	7.17mg	1/20	71.7mg	2/20								
NITROSODIBUTYLAMINE 924-16-3																
4498	1434	.416mg	1.18mg	0/30	4.80mg	33/39									Takayama;gann,60,353;1969	
a	1434	.666mg	1.92mg	0/30	4.80mg	27/39										
b	1434	1.44mg	5.65mg	0/30	4.80mg	15/39										
c	1434	2.11mg	12.7mg	0/30	4.80mg	10/39										
d	1434	3.13mg	122.mg	0/30	4.80mg	6/39										
e	1434	2.82mg	n.s.s.	2/30	4.80mg	8/39										
f	1434	4.10mg	n.s.s.	0/30	4.80mg	4/39										
4499	1551	.345mg	1.65mg	0/20	.857mg	12/20									Lijinsky;clet,19,207-213;1983	
a	1551	.436mg	2.39mg	0/20	.857mg	10/20										
b	1551	.508mg	6.79mg	1/20	.857mg	9/20										
c	1551	.629mg	5.57mg	0/20	.857mg	7/20										
d	1551	.136mg	n.s.s.	19/20	.857mg	19/20										
N-NITROSODIETHANOLAMINE 1116-54-7																
4500	1610	1.86mg	5.75mg	0/40	7.77mg	15/16	14.4mg	16/16	31.4mg	19/20	99.8mg	20/20			Lijinsky;fctx,22,23-26;1984/pers.comm.	
a	1610	23.1mg	106.mg	0/40	7.77mg	3/16	14.4mg	2/16	31.4mg	8/20	99.8mg	1/20				
b	1610	48.4mg	1.12gm	0/40	7.77mg	1/16	14.4mg	0/16	31.4mg	4/20	99.8mg	1/20				
c	1610	81.3mg	3.82gm	0/40	7.77mg	3/16	14.4mg	1/16	31.4mg	3/20	99.8mg	5/20				
d	1610	133.mg	13.1gm	0/40	7.77mg	0/16	14.4mg	0/16	31.4mg	4/20	99.8mg	2/20				
e	1610	333.mg	n.s.s.	0/40	7.77mg	0/16	14.4mg	0/16	31.4mg	0/20	99.8mg	1/20				
f	1610	190.mg	n.s.s.	0/40	7.77mg	3/16	14.4mg	1/16	31.4mg	2/20	99.8mg	1/20				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc						Citation or Pathology	Brkly Code	
4501	1707	1.32mg	2.92mg	1/20	.879mg	10/39	1.00mg	5/20	2.01mg	14/20	2.51mg	27/27	Lijinsky;carc,6,1679-1681;1985			
a	1707	1.96mg	5.05mg	1/20	.879mg	8/39	1.00mg	4/20	2.01mg	13/20	2.51mg	19/27				
b	1707	2.65mg	6.65mg	0/20	.879mg	5/39	1.00mg	2/20	2.01mg	7/20	2.51mg	19/27				
c	1707	14.6mg	n.s.s.	0/20	.879mg	0/39	1.00mg	0/20	2.01mg	1/20	2.51mg	3/27				
d	1707	17.2mg	n.s.s.	0/20	.879mg	0/39	1.00mg	0/20	2.01mg	2/20	2.51mg	1/27				
4502	1928	.988mg	4.36mg	0/20	2.56mg	14/20							Hecht;carc,10,1475-1477;1989/pers.comm.			
a	1928	7.40mg	n.s.s.	0/20	2.56mg	1/20										
4503	1610	1.72mg	4.60mg	1/28	6.02mg	14/16	9.02mg	14/16	16.8mg	18/20	48.4mg	20/20	Lijinsky;fctx,22,23-26;1984/pers.comm.			
a	1610	10.1mg	32.1mg	0/28	6.02mg	5/16	9.02mg	9/16	16.8mg	8/20	48.4mg	14/20				
b	1610	12.3mg	89.9mg	0/28	6.02mg	4/16	9.02mg	2/16	16.8mg	6/20	(48.4mg)	4/20)				
c	1610	20.5mg	265.mg	0/28	6.02mg	0/16	9.02mg	1/16	16.8mg	5/20	(48.4mg)	2/20)				
d	1610	45.1mg	409.mg	0/28	6.02mg	0/16	9.02mg	1/16	16.8mg	2/20	48.4mg	5/20				
e	1610	71.3mg	1.32gm	0/28	6.02mg	0/16	9.02mg	0/16	16.8mg	0/20	48.4mg	4/20				
f	1610	84.7mg	9.40gm	0/28	6.02mg	0/16	9.02mg	0/16	16.8mg	0/20	48.4mg	3/20				
g	1610	106.mg	n.s.s.	0/28	6.02mg	0/16	9.02mg	0/16	16.8mg	1/20	48.4mg	1/20				
4504	1707	1.72mg	6.81mg	4/20	.640mg	6/39	.795mg	2/20	1.46mg	11/20	1.83mg	19/27	Lijinsky;carc,6,1679-1681;1985			
a	1707	2.19mg	15.1mg	4/20	.640mg	6/39	.795mg	2/20	1.46mg	7/20	1.83mg	17/27				
b	1707	4.65mg	24.9mg	0/20	.640mg	0/39	.795mg	1/20	1.46mg	4/20	1.83mg	7/27				
c	1707	7.77mg	n.s.s.	0/20	.640mg	1/39	.795mg	1/20	1.46mg	2/20	1.83mg	2/27				
d	1707	11.7mg	n.s.s.	0/20	.640mg	0/39	.795mg	0/20	1.46mg	1/20	1.83mg	2/27				
4505	2565	2.55mg	n.s.s.	0/10	1.47mg	0/15							Hasegawa;clet,123,185-191;1998/pers.comm.			
4506	1483	6.04mg	11.5mg	0/88	1.07mg	7/72	4.29mg	43/72	17.9mg	33/36	(71.4mg)	32/36	286.mg	31/36)	Preussmann;canr,42,5167-5171;1982	
a	1483	6.94mg	13.3mg	0/88	1.07mg	5/72	4.29mg	40/72	17.9mg	32/36	(71.4mg)	31/36	286.mg	31/36)		
b	1483	75.3mg	795.mg	0/88	1.07mg	2/72	4.29mg	0/72	17.9mg	6/36	(71.4mg)	6/36	286.mg	1/36)		
c	1483	276.mg	4.62gm	0/88	1.07mg	1/72	4.29mg	0/72	17.9mg	4/36	71.4mg	3/36	(286.mg)	0/36)		
d	1483	339.mg	11.0gm	0/88	1.07mg	1/72	4.29mg	0/72	17.9mg	2/36	71.4mg	3/36	(286.mg)	1/36)		
e	1483	2.17gm	n.s.s.	0/88	1.07mg	0/72	4.29mg	1/72	17.9mg	0/36	71.4mg	1/36	286.mg	1/36)		
4507	1838	16.0mg	201.mg	3/500	.143mg	2/80	.450mg	1/80	1.43mg	6/80			Berger;carc,8,1635-1643;1987/pers.comm.			
a	1838	24.3mg	368.mg	0/500	.143mg	0/80	.450mg	1/80	1.43mg	3/80						
b	1838	30.8mg	n.s.s.	1/500	.143mg	1/80	.450mg	0/80	1.43mg	2/80						
c	1838	11.5mg	n.s.s.	54/500	.143mg	8/80	.450mg	16/80	1.43mg	11/80						
d	1838	15.3mg	n.s.s.	23/500	.143mg	8/80	.450mg	5/80	1.43mg	7/80						
e	1838	20.7mg	n.s.s.	26/500	.143mg	7/80	.450mg	3/80	1.43mg	6/80						
f	1838	47.6mg	n.s.s.	1/500	.143mg	0/80	.450mg	0/80	1.43mg	1/80						
g	1838	2.58mg	n.s.s.	362/500	.143mg	61/80	.450mg	60/80	1.43mg	64/80						
h	1838	6.85mg	n.s.s.	144/500	.143mg	29/80	.450mg	29/80	1.43mg	28/80						
N-NITROSODIETHYLAMINE (DEN) 55-18-5																
4508	2001s	3.36ug	46.0ug	0/9	.897mg	10/13							Adamson;ossc,129-156;1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.			
a	2001s	3.57ug	1.03mg	0/9	.897mg	2/3										
b	2001s	3.36ug	46.0ug	0/9	.897mg	10/13										
4509	2004m	944.ng	22.0ug	0/105	6.30ug	2/7	.322mg	3/3	.910mg	5/5	1.35mg	5/5	2.29mg	38/40		
a	2004m	944.ng	22.0ug	0/105	6.30ug	2/7	.322mg	3/3	.910mg	5/5	1.35mg	5/5	2.29mg	38/40		
4510	2004n	1.01mg	4.45mg	0/104	8.07mg	13/16										
a	2004n	1.01mg	4.45mg	0/104	8.07mg	13/16										
4511	2004m	10.1ug	59.9ug	0/120	7.40ug	0/4	80.0ug	4/8	.340mg	6/6	.650mg	5/5	1.59mg	6/6		
				2.09mg	51/53											
a	2004m	4.40ug	n.s.s.	0/23	7.40ug	-/-	80.0ug	1/1	.340mg	-/-	.650mg	-/-	1.59mg	-/-		
				2.09mg	-/-											
b	2004m	8.79ug	43.7ug	9/120	7.40ug	0/4	80.0ug	5/8	.340mg	6/6	.650mg	5/5	1.59mg	6/6		
				2.09mg	51/53											
c	2004m	9.66ug	55.5ug	4/120	7.40ug	0/4	80.0ug	4/8	.340mg	6/6	.650mg	5/5	1.59mg	6/6		
				2.09mg	51/53											

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc						Citation or Pathology	Brkly Code
d	2004m	.130mg	n.s.s.	6/108	7.40ug 2.09mg	0/4	80.0ug	1/8	.340mg	0/6	.650mg	0/5	1.59mg	0/6	
4512	2004n	1.04mg	5.88mg	0/102	6.87mg	11/14									
a	2004n	.620mg	4.89mg	5/102	6.87mg	11/14									
4513	2259	37.5ug	64.7ug	16/240	2.00ug	6/60	4.00ug	4/60	9.00ug	4/60	18.0ug	7/60	36.0ug	12/60	
					72.0ug	35/60	.107mg	44/60	.143mg	47/66	.179mg	47/60	.215mg	46/60	
					.287mg	49/60	.358mg	52/60	.430mg	52/60	.573mg	57/60	1.15mg	50/54	Peto; canr, 51, 6415-5451; 1991a/Peto 1991b
a	2259	46.6ug	80.8ug	11/240	2.00ug	4/60	4.00ug	4/60	9.00ug	3/60	18.0ug	4/60	36.0ug	10/60	
					72.0ug	31/60	.107mg	42/60	.143mg	45/66	.179mg	45/60	.215mg	45/60	
					.287mg	48/60	.358mg	50/60	.430mg	52/60	.573mg	57/60	1.15mg	45/54	
b	2259	75.3ug	.139mg	2/240	2.00ug	0/60	4.00ug	2/60	9.00ug	1/60	18.0ug	3/60	36.0ug	3/60	
					72.0ug	22/60	.107mg	39/60	.143mg	37/66	.179mg	44/60	.215mg	43/60	
					.287mg	46/60	.358mg	47/60	.430mg	50/60	.573mg	56/60	1.15mg	44/54	
c	2259	.162mg	.250mg	0/240	2.00ug	0/60	4.00ug	0/60	9.00ug	0/60	18.0ug	0/60	36.0ug	3/60	
					72.0ug	19/60	.107mg	21/60	.143mg	32/66	.179mg	29/60	.215mg	42/60	
					.287mg	37/60	.358mg	44/60	.430mg	41/60	.573mg	36/60	1.15mg	26/54	
d	2259	.200mg	2.73mg	4/240	2.00ug	2/60	4.00ug	0/60	9.00ug	1/60	18.0ug	2/60	36.0ug	1/60	
					72.0ug	2/60	.107mg	2/60	.143mg	2/66	.179mg	0/60	.215mg	0/60	
					.287mg	0/60	.358mg	1/60	.430mg	0/60	.573mg	0/60	1.15mg	0/54	
e	2259	.210mg	2.63mg	3/240	2.00ug	2/60	4.00ug	0/60	9.00ug	1/60	18.0ug	2/60	36.0ug	1/60	
					72.0ug	2/60	.107mg	2/60	.143mg	2/66	.179mg	0/60	.215mg	0/60	
					.287mg	0/60	.358mg	1/60	.430mg	0/60	.573mg	0/60	1.15mg	0/54	
f	2259	.531mg	.992mg	0/240	2.00ug	0/60	4.00ug	0/60	9.00ug	0/60	18.0ug	0/60	36.0ug	0/60	
					72.0ug	2/60	.107mg	8/60	.143mg	16/66	.179mg	11/60	.215mg	15/60	
					.287mg	11/60	.358mg	18/60	.430mg	13/60	.573mg	12/60	1.15mg	11/54	
g	2259	.657mg	n.s.s.	1/240	2.00ug	0/60	4.00ug	0/60	9.00ug	0/60	18.0ug	0/60	36.0ug	0/60	
					72.0ug	0/60	.107mg	0/60	.143mg	0/66	.179mg	0/60	.215mg	0/60	
					.287mg	0/60	.358mg	0/60	.430mg	0/60	.573mg	0/60	1.15mg	0/54	
4514	2259	37.3ug	72.1ug	13/240	1.00ug	4/60	3.00ug	2/60	5.00ug	9/60	10.0ug	4/60	20.0ug	7/60	
					41.0ug	15/60	61.0ug	25/60	82.0ug	15/60	.102mg	25/60	.122mg	26/60	
					.163mg	31/60	.204mg	29/60	.245mg	35/60	.326mg	30/60	.653mg	48/60	
a	2259	62.4ug	.133mg	10/240	1.00ug	1/60	3.00ug	2/60	5.00ug	3/60	10.0ug	0/60	20.0ug	5/60	
					41.0ug	9/60	61.0ug	18/60	82.0ug	10/60	.102mg	21/60	.122mg	20/60	
					.163mg	23/60	.204mg	27/60	.245mg	28/60	.326mg	28/60	.653mg	47/60	
b	2259	77.7ug	.115mg	0/240	1.00ug	0/60	3.00ug	0/60	5.00ug	0/60	10.0ug	0/60	20.0ug	3/60	
					41.0ug	16/60	61.0ug	32/60	82.0ug	37/60	.102mg	45/60	.122mg	48/60	
					.163mg	41/60	.204mg	49/60	.245mg	46/60	.326mg	47/60	.653mg	46/60	
c	2259	89.6ug	.198mg	4/240	1.00ug	0/60	3.00ug	0/60	5.00ug	1/60	10.0ug	0/60	20.0ug	5/60	
					41.0ug	7/60	61.0ug	16/60	82.0ug	8/60	.102mg	18/60	.122mg	20/60	
					.163mg	21/60	.204mg	27/60	.245mg	28/60	.326mg	28/60	.653mg	47/60	
d	2259	.185mg	.300mg	0/240	1.00ug	0/60	3.00ug	0/60	5.00ug	0/60	10.0ug	0/60	20.0ug	0/60	
					41.0ug	3/60	61.0ug	14/60	82.0ug	23/60	.102mg	25/60	.122mg	30/60	
					.163mg	20/60	.204mg	25/60	.245mg	21/60	.326mg	25/60	.653mg	20/60	
e	2259	.150mg	1.15mg	3/240	1.00ug	2/60	3.00ug	0/60	5.00ug	1/60	10.0ug	2/60	20.0ug	0/60	
					41.0ug	4/60	61.0ug	3/60	82.0ug	1/60	.102mg	2/60	.122mg	2/60	
					.163mg	2/60	.204mg	1/60	.245mg	0/60	.326mg	0/60	.653mg	0/60	
f	2259	.160mg	1.50mg	3/240	1.00ug	2/60	3.00ug	0/60	5.00ug	1/60	10.0ug	2/60	20.0ug	0/60	
					41.0ug	3/60	61.0ug	2/60	82.0ug	1/60	.102mg	2/60	.122mg	2/60	
					.163mg	2/60	.204mg	1/60	.245mg	0/60	.326mg	0/60	.653mg	0/60	
g	2259	.967mg	9.63mg	0/240	1.00ug	0/60	3.00ug	0/60	5.00ug	0/60	10.0ug	0/60	20.0ug	0/60	
					41.0ug	2/60	61.0ug	1/60	82.0ug	1/60	.102mg	1/60	.122mg	0/60	
					.163mg	1/60	.204mg	1/60	.245mg	0/60	.326mg	0/60	.653mg	0/60	
h	2259	1.38mg	n.s.s.	0/240	1.00ug	0/60	3.00ug	0/60	5.00ug	0/60	10.0ug	0/60	20.0ug	0/60	
					41.0ug	1/60	61.0ug	1/60	82.0ug	0/60	.102mg	0/60	.122mg	0/60	
					.163mg	0/60	.204mg	0/60	.245mg	0/60	.326mg	0/60	.653mg	0/60	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
4554	TR190	195.mg	n.s.s.	11/20	92.9mg	36/50	186.mg	28/50			
a	TR190	522.mg	n.s.s.	0/20	92.9mg	2/50	186.mg	5/50		liv:hpa,hpc,nnd.	
4555	TR190	129.mg	547.mg	0/20	74.3mg	10/50	149.mg	19/50		liv:hpc,nnd.	
a	TR190	129.mg	n.s.s.	13/20	74.3mg	34/50	149.mg	33/50			
b	TR190	129.mg	547.mg	0/20	74.3mg	10/50	149.mg	19/50		liv:hpa,hpc,nnd.	
N-NITROSODIPROPYLAMINE 621-64-7											
4556	2004	3.14ug	59.5ug	0/102	3.52mg	4/4				Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.	
a	2004	3.14ug	59.5ug	0/102	3.52mg	4/4					
4557	1551	79.3ug	.564mg	0/20	.898mg	8/12				Lijinsky;clet,19,207-213;1983	
a	1551	79.3ug	.564mg	0/20	.898mg	8/12					
b	1551	.172mg	3.75mg	0/20	.898mg	4/12					
c	1551	n.s.s.	n.s.s.	18/20	.898mg	12/12					
N-NITROSODITHIAZINE 114282-83-6											
4558	1884	1.25mg	n.s.s.	0/20	.702mg	2/20				Lijinsky;fctx,26,3-7;1988	
a	1884	1.71mg	n.s.s.	0/20	.702mg	1/20					
NITROSODODECAMETHYLENEIMINE 40580-89-0											
4559	1603	2.67mg	255.mg	0/109	.619mg	2/20				Goodall;carc,5,537-540;1984	
a	1603	2.20mg	n.s.s.	2/109	.619mg	3/20					
4560	1603	.730mg	n.s.s.	18/108	.495mg	8/20					
a	1603	1.88mg	n.s.s.	6/108	.495mg	2/20					
b	1603	2.30mg	n.s.s.	1/108	.495mg	1/20					
N-NITROSOEPHEDRINE 17608-59-2											
4561	1259	41.0mg	332.mg	0/40	34.3mg	7/32				Eisenbrand;clet,5,103-106;1978	
a	1259	52.4mg	974.mg	0/40	34.3mg	5/32					
b	1259	64.1mg	n.s.s.	1/40	34.3mg	4/32					
c	1259	72.2mg	n.s.s.	0/40	34.3mg	3/32					
d	1259	120.mg	n.s.s.	0/40	34.3mg	1/32					
e	1259	20.1mg	129.mg	4/40	34.3mg	16/32					
NITROSOETHYLMETHYLAMINE (N-nitrosomethylethylamine) 10595-95-6											
4562	1561	13.4ug	n.s.s.	12/20	63.9ug	18/20				Lijinsky;fctx,21,601-605;1983	
a	1561	.322mg	n.s.s.	1/20	63.9ug	0/20					
b	1561	13.5ug	n.s.s.	20/20	63.9ug	19/20					
4563	1864	19.8ug	.125mg	0/19	.727mg	15/16				Lijinsky;canr,47,3968-3972;1987/pers.comm.	
a	1864	19.8ug	.125mg	0/19	.727mg	15/16					
b	1864	56.8ug	.302mg	0/19	.727mg	11/16					
c	1864	88.9ug	.602mg	0/19	.727mg	8/16					
d	1864	.103mg	.821mg	0/19	.727mg	7/16					
NITROSOETHYLURETHAN (1-ethyl-1-nitrosourethan) 614-95-9											
4564	1494	.108mg	.260mg	0/37	.714mg	21/26	1.43mg	21/28	(2.86mg	11/24)	Onodera;gann,73,48-54;1982
a	1494	.170mg	.375mg	0/37	.714mg	11/26	1.43mg	22/28	2.86mg	22/24	
b	1494	.213mg	.581mg	0/37	.714mg	14/26	1.43mg	14/28	(2.86mg	9/24)	
c	1494	.284mg	.884mg	0/37	.714mg	11/26	1.43mg	11/28	(2.86mg	7/24)	
d	1494	.338mg	.807mg	0/37	.714mg	6/26	1.43mg	16/28	2.86mg	16/24	
e	1494	.317mg	1.08mg	0/37	.714mg	11/26	1.43mg	9/28	(2.86mg	4/24)	
f	1494	.364mg	.900mg	0/37	.714mg	5/26	1.43mg	12/28	2.86mg	18/24	
g	1494	41.3ug	.151mg	11/37	.714mg	25/26	1.43mg	27/28	2.86mg	24/24	
4565	1939	37.8ug	83.4ug	1/40	7.96ug	0/39	31.8ug	16/38	.133mg	38/39	.571mg 37/38 Maekawa;gann,80,632-636; 1989/pers.comm.
a	1939	41.9ug	.180mg	0/40	7.96ug	0/39	31.8ug	13/38	(.133mg	14/39	.571mg 19/38)

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
b	1939	87.0ug	.242mg	0/40	7.96ug	0/39	31.8ug	1/38	.133mg	26/39 (.571mg	23/38)	
c	1939	.125mg	.405mg	0/40	7.96ug	0/39	31.8ug	2/38	.133mg	18/39 (.571mg	9/38)	
d	1939	.241mg	1.72mg	1/40	7.96ug	0/39	31.8ug	1/38	.133mg	9/39 (.571mg	6/38)	
e	1939	.475mg	1.42mg	0/40	7.96ug	0/39	31.8ug	0/38	.133mg	6/39 .571mg	17/38	
f	1939	1.30mg	9.75mg	0/40	7.96ug	0/39	31.8ug	0/38	.133mg	1/39 .571mg	6/38	
g	1939	49.0ug	.868mg	33/40	7.96ug	30/39	31.8ug	31/38	.133mg	39/39 .571mg	37/38	
N-NITROSOGUAVACOLINE 55557-02-3												
4566	1866	2.57mg	n.s.s.	1/80	1.00mg	4/30					Rivenson; canr, 48, 6912-6917; 1988/pers. comm.	
a	1866	9.37mg	n.s.s.	6/80	1.00mg	0/30						
NITROSOHEPTAMETHYLENEIMINE 20917-49-1												
4567	1376m	18.1ug	86.7ug	0/20	39.8ug	12/20	(.197mg	11/20	.733mg	10/20)	Lijinsky; jnci, 69, 1127-1133; 1982/pers. comm.	
a	1376m	30.3ug	96.3ug	0/20	39.8ug	15/20	.197mg	17/20	(.733mg	15/20)		
b	1376m	66.9ug	.233mg	0/20	39.8ug	5/20	.197mg	15/20	(.733mg	12/20)		
c	1376m	.160mg	n.s.s.	1/20	39.8ug	0/20	.197mg	0/20	.733mg	0/20		
4568	1376n	35.3ug	99.6ug	0/20	11.4ug	2/20	31.5ug	13/20	.125mg	16/20		
a	1376n	85.8ug	.340mg	0/20	11.4ug	0/20	31.5ug	2/20	.125mg	13/20		
b	1376n	92.7ug	.410mg	0/20	11.4ug	1/20	31.5ug	4/20	.125mg	10/20		
c	1376n	.729mg	n.s.s.	0/20	11.4ug	5/20	31.5ug	0/20	.125mg	0/20		
4569	1376o	17.4ug	52.1ug	0/20	24.8ug	10/20	64.6ug	17/20				
a	1376o	39.7ug	.158mg	0/20	24.8ug	3/20	64.6ug	12/20				
b	1376o	53.7ug	.736mg	0/20	24.8ug	6/20	64.6ug	6/20				
c	1376o	48.5ug	n.s.s.	0/20	24.8ug	2/20	(64.6ug	0/20)				
N-NITROSOHEXAMETHYLENEIMINE 932-83-2												
4570	2207o	.402mg	1.81mg	0/19	7.00mg	14/19					Strickland; clet, 41, 139-146; 1988	
a	2207o	1.55mg	n.s.s.	0/19	7.00mg	4/19						
b	2207o	1.42mg	n.s.s.	4/19	7.00mg	6/19						
c	2207o	3.20mg	n.s.s.	0/19	7.00mg	1/19						
d	2207o	4.03mg	n.s.s.	2/19	7.00mg	1/19						
4571	2207m	.361mg	1.82mg	2/20	5.49mg	17/20						
a	2207m	1.11mg	n.s.s.	2/20	5.49mg	9/20						
b	2207m	1.85mg	n.s.s.	1/20	5.49mg	5/20						
c	2207m	3.11mg	n.s.s.	0/20	5.49mg	2/20						
d	2207m	4.24mg	n.s.s.	0/20	5.49mg	1/20						
4572	1738	.156mg	1.13mg	0/113	3.07mg	12/13					Goodall; txcy, 33, 251-259; 1984	
a	1738	.320mg	1.96mg	0/113	3.07mg	10/13						
b	1738	1.02mg	40.6mg	4/113	3.07mg	4/13						
c	1738	1.22mg	29.1mg	0/113	3.07mg	3/13						
d	1738	1.56mg	88.1mg	0/113	3.07mg	2/13						
e	1738	1.58mg	n.s.s.	39/113	3.07mg	4/13						
4573	1738	.110mg	.974mg	0/194	3.16mg	9/10						
a	1738	.176mg	1.40mg	0/194	3.16mg	8/10						
b	1738	.477mg	7.31mg	0/194	3.16mg	4/10						
c	1738	.789mg	43.0mg	0/194	3.16mg	2/10						
d	1738	.458mg	n.s.s.	53/194	3.16mg	5/10						
e	1738	1.14mg	n.s.s.	3/194	3.16mg	1/10						
4574	2207n	.385mg	1.79mg	1/20	5.08mg	17/20					Strickland; clet, 41, 139-146; 1988	
a	2207n	.851mg	13.4mg	3/20	5.08mg	12/20						
b	2207n	1.03mg	9.43mg	1/20	5.08mg	10/20						
c	2207n	2.23mg	n.s.s.	0/20	5.08mg	4/20						
d	2207n	2.23mg	n.s.s.	0/20	5.08mg	4/20						
1-NITROSOHYDANTOIN 42579-28-2												
4575	1246	63.0mg	n.s.s.	0/25	11.4mg	0/24					Bulay; jnci, 62, 1523-1528; 1979	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	1246	5.90mg	n.s.s.	12/25	11.4mg	16/24				
4576	1246	11.3mg	198.mg	0/22	9.96mg	6/25				
a	1246	15.1mg	n.s.s.	0/22	9.96mg	4/25				
b	1246	57.4mg	n.s.s.	0/22	9.96mg	0/25				
c	1246	2.84mg	n.s.s.	12/22	9.96mg	21/25				
NITROSOHYDROXYPROLINE 30310-80-6										
4577	216	13.6mg	n.s.s.	0/15	4.42mg	0/15			Garcia;zkko,79,141-144;1973	
a	216	1.43mg	n.s.s.	4/15	4.42mg	10/15				
4578	216	11.9mg	n.s.s.	0/15	3.86mg	0/15				
a	216	3.47mg	n.s.s.	5/15	3.86mg	5/15				
NITROSOIMINODIACETIC ACID 25081-31-6										
4579	213	22.0mg	n.s.s.	4/15	56.5mg	9/15			Lijinsky;jnci,50,1061-1063;1973	
4580	213	25.1mg	631.mg	0/15	39.6mg	5/15				
a	213	19.4mg	n.s.s.	5/15	39.6mg	8/15				
NITROSOMETHYL-3-CARBOXYPROPYLAMINE (NMCOPA) 61445-55-4										
4581	2565	.416mg	6.61mg	0/10	1.47mg	7/16			Hasegawa;clet,123,185-191;1998/pers.comm.	
a	2565	1.04mg	n.s.s.	0/10	1.47mg	2/16				
b	2565	2.72mg	n.s.s.	0/10	1.47mg	0/16				
N-NITROSOMETHYL-2,3-DIHYDROXYPROPYLAMINE 86451-37-8										
4582	1715	.449mg	2.46mg	0/20	1.57mg	10/20			Lijinsky;zkko,109,1-4;1985	
a	1715	.647mg	5.73mg	0/20	1.57mg	7/20				
b	1715	2.07mg	n.s.s.	0/20	1.57mg	1/20				
c	1715	.250mg	1.38mg	2/20	1.57mg	15/20				
4583	1609	.289mg	2.04mg	0/20	.430mg	8/20			Lijinsky;clet,22,83-88;1984	
a	1609	.275mg	n.s.s.	2/20	.430mg	9/20				
b	1609	.358mg	n.s.s.	2/20	.430mg	7/20				
c	1609	.509mg	n.s.s.	0/20	.430mg	4/20				
d	1609	.509mg	n.s.s.	0/20	.430mg	4/20				
e	1609	.769mg	n.s.s.	0/20	.430mg	2/20				
N-NITROSOMETHYL-(2-HYDROXYETHYL)AMINE 26921-68-6										
4584	1904	.522mg	6.74mg	0/20	1.53mg	6/20			Koepke;canr,48,1533-1536;1988/pers.comm.	
a	1904	.710mg	n.s.s.	0/20	1.53mg	4/20				
b	1904	1.46mg	n.s.s.	0/20	1.53mg	1/20				
c	1904	1.46mg	n.s.s.	0/20	1.53mg	1/20				
d	1904	1.45mg	n.s.s.	3/20	1.53mg	2/20				
N-NITROSOMETHYL-(3-HYDROXYPROPYL)AMINE 70415-59-7										
4585	1904	1.55mg	24.4mg	3/20	2.45mg	12/20			Koepke;canr,48,1533-1536;1988/pers.comm.	
a	1904	2.85mg	n.s.s.	2/20	2.45mg	7/20				
b	1904	6.11mg	n.s.s.	0/20	2.45mg	2/20				
c	1904	3.87mg	n.s.s.	2/20	2.45mg	5/20				
4586	1904	.511mg	2.98mg	3/20	1.71mg	16/19				
a	1904	1.06mg	7.37mg	1/20	1.71mg	11/19				
b	1904	1.17mg	6.40mg	0/20	1.71mg	10/19				
c	1904	1.69mg	n.s.s.	3/20	1.71mg	8/19				
d	1904	2.28mg	n.s.s.	3/20	1.71mg	6/19				
N-NITROSOMETHYL-2-HYDROXYPROPYLAMINE 75411-83-5										
4587	1609	20.0ug	.111mg	0/20	.408mg	19/20			Lijinsky;clet,22,83-88;1984	
a	1609	53.7ug	.231mg	0/20	.408mg	15/20				
b	1609	.165mg	2.13mg	0/20	.408mg	6/20				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
c	1609	.165mg	2.13mg	0/20	.408mg	6/20					
d	1609	.270mg	n.s.s.	0/20	.408mg	3/20					
e	1609	.215mg	n.s.s.	2/20	.408mg	5/20					
f	1609	.318mg	n.s.s.	2/20	.408mg	3/20					
4588	1609	21.0ug	96.7ug	0/20	.286mg	18/20					
a	1609	78.9ug	.480mg	0/20	.286mg	9/20					
b	1609	.291mg	n.s.s.	2/20	.286mg	2/20					
c	1609	.407mg	n.s.s.	2/20	.286mg	1/20					
4589	2565	.510mg	n.s.s.	0/10	.293mg	0/15			Hasegawa;clet,123,185-191;1998/pers.comm.		
N-NITROSOMETHYL (2-OXOPROPYL) AMINE 55984-51-5											
4590	1911	6.68ug	36.8ug	0/15	.129mg	14/15	.257mg	15/15	(.500mg	9/14)	Pour;clet,45,49-57;1989
a	1911	47.6ug	.149mg	0/15	.129mg	10/15	.257mg	14/15	.500mg	9/14	
b	1911	90.8ug	.314mg	0/15	.129mg	1/15	.257mg	6/15	.500mg	12/14	
c	1911	.143mg	1.05mg	0/15	.129mg	3/15	.257mg	5/15	.500mg	6/14	
d	1911	1.09mg	n.s.s.	6/15	.129mg	0/15	.257mg	0/15	.500mg	1/14	
e	1911	.618mg	n.s.s.	0/15	.129mg	3/15	.257mg	0/15	.500mg	0/14	
f	1911	n.s.s.	34.9ug	5/15	.129mg	15/15	.257mg	15/15	.500mg	14/14	
4591	1911	9.79ug	32.5ug	0/15	.129mg	12/13	.257mg	15/15	.500mg	14/15	
a	1911	12.7ug	44.4ug	0/15	.129mg	10/13	.257mg	13/15	(.500mg	8/15)	
b	1911	38.9ug	.120mg	0/15	.129mg	4/13	.257mg	12/15	.500mg	10/15	
c	1911	82.7ug	n.s.s.	1/15	.129mg	0/13	.257mg	5/15	(.500mg	1/15)	
d	1911	.270mg	n.s.s.	0/15	.129mg	1/13	.257mg	1/15	.500mg	1/15	
e	1911	64.7ug	n.s.s.	0/15	.129mg	0/13	.257mg	0/15	.500mg	0/15	
f	1911	n.s.s.	19.0ug	3/15	.129mg	13/13	.257mg	15/15	.500mg	15/15	
N-NITROSOMETHYL-(2-TOSYLOXYETHYL) AMINE ---											
4592	1904	1.64mg	10.3mg	3/20	5.22mg	15/19					Koepke;canr,48,1533-1536;1988/pers.comm.
a	1904	3.49mg	21.1mg	0/20	5.22mg	9/19					
b	1904	5.17mg	61.8mg	0/20	5.22mg	6/19					
c	1904	6.01mg	n.s.s.	3/20	5.22mg	6/19					
4593	1904	4.45mg	136.mg	0/20	3.66mg	5/20					
a	1904	2.94mg	n.s.s.	3/20	3.66mg	9/20					
b	1904	4.04mg	n.s.s.	1/20	3.66mg	6/20					
c	1904	4.04mg	n.s.s.	1/20	3.66mg	6/20					
d	1904	7.91mg	n.s.s.	0/20	3.66mg	2/20					
e	1904	3.88mg	n.s.s.	3/20	3.66mg	7/20					
2-NITROSOMETHYLAMINOPYRIDINE 16219-98-0											
4594	1261	.118mg	.826mg	0/5	.714mg	18/27					Preussmann;jnci,62,153-156;1979
a	1261	.964mg	n.s.s.	1/5	.714mg	2/27					
b	1261	.301mg	n.s.s.	0/5	.714mg	8/27					
c	1261	.112mg	n.s.s.	2/5	.714mg	20/27					
d	1261	.263mg	n.s.s.	2/5	.714mg	12/27					
3-NITROSOMETHYLAMINOPYRIDINE 69658-91-9											
4595	1261	1.92mg	n.s.s.	1/5	.571mg	2/26					Preussmann;jnci,62,153-156;1979
a	1261	1.10mg	n.s.s.	2/5	.571mg	6/26					
b	1261	1.50mg	n.s.s.	0/5	.571mg	2/26					
c	1261	1.51mg	n.s.s.	2/5	.571mg	4/26					
4-NITROSOMETHYLAMINOPYRIDINE 16219-99-1											
4596	1261	8.33mg	n.s.s.	1/5	2.86mg	0/15					Preussmann;jnci,62,153-156;1979
a	1261	2.85mg	n.s.s.	2/5	2.86mg	4/15					
b	1261	3.56mg	n.s.s.	2/5	2.86mg	3/15					
c	1261	4.35mg	n.s.s.	0/5	2.86mg	1/15					

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
NITROSOMETHYLANILINE 614-00-6									
4597	1260	n.s.s.	12.4mg	0/5	70.7mg	15/15		Boyland;bjca,18,265-270;1964	
a	1260	11.6mg	n.s.s.	0/5	70.7mg	8/15			
b	1260	13.5mg	n.s.s.	0/5	70.7mg	7/15			
c	1260	90.7mg	n.s.s.	0/5	70.7mg	0/15			
4598	1260	2.07mg	16.2mg	0/3	64.1mg	15/16			
a	1260	5.02mg	241.mg	0/3	64.1mg	12/16			
b	1260	21.2mg	n.s.s.	0/3	64.1mg	3/16			
c	1260	70.4mg	n.s.s.	0/3	64.1mg	0/16			
4599	1544	.233mg	.996mg	0/20	.895mg	16/20		Kroeger-Koepke;carc,4,157-160;1983	
a	1544	3.30mg	n.s.s.	4/20	.895mg	1/20			
b	1544	.258mg	n.s.s.	18/20	.895mg	18/20			
4600	1544	.136mg	.588mg	0/20	.627mg	17/20			
a	1544	2.20mg	n.s.s.	3/20	.627mg	1/20			
b	1544	.205mg	n.s.s.	19/20	.627mg	18/20			
4601	1264	22.0ug	55.7ug	0/48	83.8ug	39/48	(.319mg 42/48)	Schmah1;clet,1,215-218;1976	
NITROSOMETHYLPHENIDATE 55557-03-4									
4602	1257	19.3mg	n.s.s.	14/43	8.05mg	7/31		Giner-Sorolla;fctx,18,81-83;1980	
a	1257	53.4mg	n.s.s.	0/43	8.05mg	0/31			
b	1257	10.6mg	n.s.s.	24/43	8.05mg	15/31			
4603	1257	4.69mg	n.s.s.	15/18	6.70mg	17/24			
a	1257	3.59mg	n.s.s.	16/18	6.70mg	19/24			
NITROSOMETHYLUNDECYLAMINE 68107-26-6									
4604	1207	1.12mg	6.28mg	2/260	6.07mg	10/20		Lijinsky;clet,5,209-213;1978	
a	1207	1.13mg	6.38mg	3/260	6.07mg	10/20			
b	1207	1.13mg	6.59mg	5/260	6.07mg	10/20			
c	1207	1.42mg	9.37mg	0/260	6.07mg	8/20			
d	1207	1.91mg	24.9mg	8/260	6.07mg	6/20			
e	1207	3.79mg	205.mg	0/260	6.07mg	2/20			
f	1207	3.79mg	205.mg	0/260	6.07mg	2/20			
N-NITROSOMORPHOLINE 59-89-2									
4605	1543	.714mg	2.97mg	0/50	1.36mg	14/28	(6.82mg 16/30 13.6mg 22/30)	Ketkar;clet,17,333-338;1983/pers.comm.	
a	1543	23.4mg	156.mg	0/50	1.36mg	0/28	6.82mg 2/30 13.6mg 6/30		
b	1543	.746mg	4.02mg	3/50	1.36mg	14/28	(6.82mg 17/30 13.6mg 23/30)		
4606	1998	6.50mg	29.0mg	0/25	1.36mg	7/28	6.82mg 11/30 13.6mg 16/30	Cardesa;expl,401,267-281;1990	
a	1998	8.95mg	44.7mg	0/25	1.36mg	4/28	6.82mg 9/30 13.6mg 12/30		
4607	1543	4.03mg	9.71mg	0/50	1.20mg	8/29	6.00mg 13/29 12.0mg 21/30	Ketkar;clet,17,333-338;1983/pers.comm.	
a	1543	5.87mg	15.4mg	0/50	1.20mg	4/29	6.00mg 9/29 12.0mg 18/30		
b	1543	3.40mg	10.8mg	8/50	1.20mg	12/29	6.00mg 14/29 12.0mg 26/30		
4608	1998	5.21mg	14.9mg	0/25	1.20mg	5/29	6.00mg 9/29 12.0mg 20/30	Cardesa;expl,401,267-281;1990	
a	1998	7.14mg	20.2mg	0/25	1.20mg	1/29	6.00mg 10/29 12.0mg 15/30		
4609	1886m	95.6ug	.222mg	1/80	7.29ug	6/48	17.8ug 7/48 42.1ug 15/48	.104mg 14/24 .338mg 22/23	
a	1886m	.146mg	6.40mg	8/80	7.29ug	10/48	17.8ug 3/48 42.1ug 15/48	.104mg 7/24 (.338mg 5/24)	
b	1886m	.185mg	1.38mg	2/80	7.29ug	1/48	17.8ug 4/48 42.1ug 8/48	.104mg 5/24 (.338mg 2/24)	
c	1886m	.382mg	.871mg	0/80	7.29ug	0/48	17.8ug 1/48 42.1ug 5/48	.104mg 7/24 .338mg 15/23	
d	1886m	.432mg	1.05mg	0/80	7.29ug	0/48	17.8ug 0/48 42.1ug 1/48	.104mg 0/24 .338mg 8/23	
e	1886m	.793mg	2.31mg	1/80	7.29ug	6/48	17.8ug 6/48 42.1ug 11/48	.104mg 9/24 .338mg 15/23	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc						Citation or Pathology	Brkly Code
					1.06mg 11/24	2.83mg 20/24									
f	1886m	1.09mg	4.07mg	0/80	7.29ug	0/48	17.8ug	0/48	42.1ug	0/48	.104mg	0/24	.338mg	3/24	
					1.06mg 13/24	(2.83mg 5/24)									
g	1886m	1.33mg	5.72mg	0/80	7.29ug	0/48	17.8ug	0/48	42.1ug	0/48	.104mg	0/24	.338mg	2/24	
					1.06mg 11/24	(2.83mg 5/24)									
h	1886m	2.44mg	63.6mg	2/80	7.29ug	2/48	17.8ug	0/48	42.1ug	0/48	.104mg	1/24	.338mg	2/24	
					1.06mg 4/24	(2.83mg 0/24)									
i	1886m	14.1mg	n.s.s.	0/80	7.29ug	1/48	17.8ug	0/48	42.1ug	0/48	.104mg	0/24	.338mg	1/24	
					1.06mg 2/24	2.83mg 0/24									
j	1886m	20.0mg	n.s.s.	0/80	7.29ug	1/48	17.8ug	0/48	42.1ug	4/48	.104mg	1/24	.338mg	3/24	
					1.06mg 0/24	2.83mg 0/24									
4610	1886n	89.3ug	.192mg	1/80	2.27ug	6/100	5.83ug	5/99	14.6ug	7/47	35.6ug	9/48	84.2ug	22/48	
					.249mg 23/24										
a	1886n	.156mg	.411mg	1/80	2.27ug	5/100	5.83ug	5/99	14.6ug	6/47	35.6ug	8/48	84.2ug	15/48	
					.249mg 15/24										
b	1886n	.266mg	.761mg	0/80	2.27ug	1/100	5.83ug	0/99	14.6ug	0/47	35.6ug	1/48	84.2ug	7/48	
					.249mg 16/24										
c	1886n	.299mg	1.95mg	0/80	2.27ug	0/100	5.83ug	2/100	14.6ug	3/48	35.6ug	0/48	84.2ug	7/48	
					(.249mg 2/24)										
d	1886n	.361mg	1.24mg	0/80	2.27ug	0/100	5.83ug	0/99	14.6ug	0/47	35.6ug	0/48	84.2ug	5/48	
					.249mg 13/24										
e	1886n	.377mg	n.s.s.	8/80	2.27ug	22/100	5.83ug	18/100	14.6ug	8/48	35.6ug	12/48	84.2ug	13/48	
					.249mg 7/24										
f	1886n	1.08mg	n.s.s.	0/80	2.27ug	1/100	5.83ug	1/100	14.6ug	0/48	35.6ug	1/48	84.2ug	1/48	
					.249mg 2/24										
4611	1928	n.s.s.	.129mg	0/20	.714mg	20/20									Hecht;carc,10,1475-1477;1989/pers.comm.
a	1928	33.1ug	.184mg	0/20	.714mg	19/20									
b	1928	.166mg	.909mg	0/20	.714mg	10/20									
N'-NITROSONORNICOTINE (NNN) 53759-22-1															
4612	1539	3.45mg	n.s.s.	0/10	7.05mg	3/10									Hecht;clet,20,333-340;1983
a	1539	12.4mg	n.s.s.	0/10	7.05mg	0/10									
4613	1539	3.03mg	n.s.s.	0/10	6.20mg	3/10									
a	1539	5.58mg	n.s.s.	0/10	6.20mg	1/10									
4614	2563	43.4ug	.267mg	0/9	.250mg	10/14									Stoner;carc,19,2139-2143;1998/pers.comm.
N'-NITROSONORNICOTINE-1-N-OXIDE 78246-24-9															
4615	1539n	6.34mg	n.s.s.	0/10	7.05mg	1/10									Hecht;clet,20,333-340;1983
4616	1539n	10.9mg	n.s.s.	0/10	6.20mg	0/10									
4617	1539m	.769mg	6.48mg	0/12	2.37mg	7/12									
a	1539m	1.70mg	n.s.s.	0/12	2.37mg	3/12									
4618	1539m	.211mg	1.62mg	0/12	2.08mg	11/12									
a	1539m	.673mg	5.67mg	0/12	2.08mg	7/12									
b	1539m	.673mg	5.67mg	0/12	2.08mg	7/12									
c	1539m	.983mg	21.2mg	0/12	2.08mg	5/12									
d	1539m	.983mg	21.2mg	0/12	2.08mg	5/12									
NITROSOPIPECOLIC ACID 4515-18-8															
4619	216	13.6mg	n.s.s.	0/15	4.42mg	0/15									Garcia;zkko,79,141-144;1973
a	216	1.72mg	n.s.s.	4/15	4.42mg	9/15									
4620	216	11.9mg	n.s.s.	0/15	3.86mg	0/15									
a	216	1.30mg	n.s.s.	5/15	3.86mg	10/15									
N-NITROSOPIPERAZINE 5632-47-3															
4621	229	2.48mg	n.s.s.	0/13	.964mg	0/10	4.90mg	0/10							Garcia;zkko,74,179-184;1970
a	229	1.55mg	n.s.s.	4/13	.964mg	8/10	4.90mg	7/10							

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology				Brkly Code	
4622	229	1.06mg	n.s.s.	0/57	.672mg	1/10	(3.30mg	0/10)					
a	229	3.16mg	n.s.s.	12/57	.672mg	4/10	3.30mg	3/10					
N-NITROSOPIPERIDINE 100-75-4													
4623	1541	56.9mg	240.mg	0/50	8.18mg	4/30	34.1mg	6/30	68.2mg	10/30	Ketkar;clet,21,219-224;1983		
a	1541	70.6mg	624.mg	0/50	8.18mg	4/30	34.1mg	5/30	68.2mg	7/30			
b	1541	133.mg	3.08gm	0/50	8.18mg	1/30	34.1mg	2/30	68.2mg	4/30			
c	1541	4.97mg	27.9mg	3/50	8.18mg	14/30	(34.1mg	12/30	68.2mg	16/30)			
4624	1998	99.9mg	1.93gm	0/25	8.18mg	1/30	34.1mg	4/28	68.2mg	5/30	Cardesa;expl,401,267-281;1990		
a	1998	117.mg	1.10gm	0/25	8.18mg	0/30	34.1mg	3/28	68.2mg	5/30			
4625	1541	32.6mg	90.0mg	0/50	7.20mg	5/30	30.0mg	10/30	60.0mg	15/30	Ketkar;clet,21,219-224;1983		
a	1541	55.5mg	198.mg	0/50	7.20mg	0/30	30.0mg	4/30	60.0mg	13/30			
b	1541	71.2mg	312.mg	0/50	7.20mg	1/30	30.0mg	2/30	60.0mg	10/30			
c	1541	29.6mg	142.mg	8/50	7.20mg	9/30	30.0mg	12/30	60.0mg	19/30			
4626	1998	45.2mg	146.mg	0/25	7.20mg	1/28	30.0mg	7/29	60.0mg	13/30	Cardesa;expl,401,267-281;1990		
a	1998	87.5mg	569.mg	0/25	7.20mg	0/28	30.0mg	4/29	60.0mg	6/30			
4627	225	.736mg	2.60mg	0/30	6.00mg	18/33		Takayama;nawi,56,142;1969					
a	225	1.26mg	6.36mg	0/30	6.00mg	11/33							
b	225	2.09mg	36.6mg	0/30	6.00mg	6/33							
c	225	1.49mg	n.s.s.	2/30	6.00mg	10/33							
4628	2004	3.30mg	56.7mg	0/62	176.mg	5/5		Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.					
a	2004	3.53mg	5.75gm	0/35	176.mg	1/1							
b	2004	3.30mg	56.7mg	0/62	176.mg	5/5							
4629	2004	2.35mg	29.5mg	0/94	123.mg	6/7							
a	2004	3.04mg	46.4mg	2/94	123.mg	6/7							
4630	2004m	.454mg	11.7mg	0/69	3.10mg	3/5							
a	2004m	.174mg	n.s.s.	0/23	3.10mg	1/1							
b	2004m	.279mg	11.5mg	9/108	3.10mg	4/6							
c	2004m	.353mg	20.4mg	4/74	3.10mg	3/6							
d	2004m	.460mg	n.s.s.	6/108	3.10mg	1/6							
4631	1958	.970mg	1.82mg	0/246	11.0ug	0/12	22.0ug	0/12	44.0ug	1/12	87.0ug	0/12 .174mg 1/12	
				.349mg	3/12	.523mg	8/12	.698mg	4/12	.872mg	10/12	1.05mg 10/12	
				1.39mg	8/12	1.74mg	8/12	2.09mg	10/12	2.79mg	12/12	5.58mg 9/12 Gray;canr,51,6470-6491;1991	
a	1958	1.04mg	2.00mg	8/246	11.0ug	0/12	22.0ug	1/12	44.0ug	1/12	87.0ug	3/12 .174mg 3/12	
				.349mg	5/12	.523mg	9/12	.698mg	7/12	.872mg	9/12	1.05mg 11/12	
				1.39mg	8/12	1.74mg	8/12	2.09mg	10/12	2.79mg	9/12	5.58mg 8/12	
b	1958	1.11mg	2.10mg	2/246	11.0ug	0/12	22.0ug	1/12	44.0ug	1/12	87.0ug	3/12 .174mg 2/12	
				.349mg	4/12	.523mg	9/12	.698mg	5/12	.872mg	7/12	1.05mg 10/12	
				1.39mg	8/12	1.74mg	8/12	2.09mg	10/12	2.79mg	9/12	5.58mg 8/12	
c	1958	6.07mg	19.5mg	0/246	11.0ug	0/12	22.0ug	0/12	44.0ug	0/12	87.0ug	0/12 .174mg 1/12	
				.349mg	1/12	.523mg	2/12	.698mg	0/12	.872mg	3/12	1.05mg 3/12	
				1.39mg	1/12	1.74mg	1/12	2.09mg	4/12	2.79mg	3/12	5.58mg 1/12	
d	1958	12.0mg	110.mg	0/246	11.0ug	0/12	22.0ug	1/12	44.0ug	0/12	87.0ug	0/12 .174mg 0/12	
				.349mg	0/12	.523mg	0/12	.698mg	0/12	.872mg	2/12	1.05mg 1/12	
				1.39mg	1/12	1.74mg	2/12	2.09mg	1/12	2.79mg	0/12	5.58mg 1/12	
e	1958	22.7mg	n.s.s.	0/246	11.0ug	0/12	22.0ug	1/12	44.0ug	0/12	87.0ug	0/12 .174mg 0/12	
				.349mg	0/12	.523mg	0/12	.698mg	0/12	.872mg	0/12	1.05mg 0/12	
				1.39mg	1/12	1.74mg	1/12	2.09mg	0/12	2.79mg	0/12	5.58mg 1/12	
f	1958	36.2mg	n.s.s.	0/246	11.0ug	0/12	22.0ug	0/12	44.0ug	0/12	87.0ug	0/12 .174mg 0/12	
				.349mg	0/12	.523mg	0/12	.698mg	0/12	.872mg	0/12	1.05mg 0/12	
				1.39mg	0/12	1.74mg	0/12	2.09mg	0/12	2.79mg	1/12	5.58mg 0/12	
g	1958	36.4mg	n.s.s.	0/246	11.0ug	0/12	22.0ug	0/12	44.0ug	0/12	87.0ug	0/12 .174mg 0/12	
				.349mg	0/12	.523mg	1/12	.698mg	0/12	.872mg	0/12	1.05mg 0/12	
				1.39mg	0/12	1.74mg	0/12	2.09mg	0/12	2.79mg	0/12	5.58mg 0/12	
4632	1634	.590mg	1.96mg	0/40	17.1ug	3/78	85.7ug	5/75	.429mg	16/34	(2.14mg	11/34) Eisenbrand;iarc,657-663;1980	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code	
4647	1838	1.44mg	4.68mg	3/500	28.6ug	1/80	95.0ug	4/80	.286mg	17/80	Berger;carc,8,1635-1643;1987/pers.comm.		
a	1838	2.14mg	9.15mg	0/500	28.6ug	1/80	95.0ug	0/80	.286mg	12/80			
b	1838	3.42mg	31.2mg	1/500	28.6ug	0/80	95.0ug	2/80	.286mg	5/80			
c	1838	1.78mg	n.s.s.	1/500	28.6ug	2/80	95.0ug	1/80	(.286mg	0/80)			
d	1838	3.25mg	n.s.s.	26/500	28.6ug	6/80	95.0ug	7/80	.286mg	6/80			
e	1838	9.07mg	n.s.s.	0/500	28.6ug	0/80	95.0ug	1/80	.286mg	0/80			
f	1838	.933mg	38.1mg	144/500	28.6ug	23/80	95.0ug	28/80	.286mg	35/80			
g	1838	1.18mg	n.s.s.	362/500	28.6ug	63/80	95.0ug	59/80	.286mg	55/80			
N-NITROSTHIALDINE 81795-07-5													
4648	1884	.247mg	1.09mg	0/20	1.13mg	14/20					Lijinsky;fctx,26,3-7;1988		
a	1884	.661mg	8.52mg	0/20	1.13mg	6/20							
b	1884	.603mg	n.s.s.	1/20	1.13mg	7/20							
c	1884	.897mg	n.s.s.	0/20	1.13mg	4/20							
d	1884	1.08mg	n.s.s.	0/20	1.13mg	3/20							
e	1884	2.09mg	n.s.s.	1/20	1.13mg	1/20							
N-NITROSTHIOMORPHOLINE 26541-51-5													
4649	229	3.11mg	34.4mg	0/13	.739mg	0/10	4.25mg	6/17			Garcia;zkko,74,179-184;1970		
a	229	5.31mg	n.s.s.	0/13	.739mg	1/10	4.25mg	2/17					
b	229	1.41mg	n.s.s.	0/13	.739mg	0/10	4.25mg	0/17					
c	229	2.22mg	n.s.s.	4/13	.739mg	3/10	4.25mg	9/17					
4650	229	1.42mg	21.5mg	0/57	.571mg	0/11	2.90mg	4/10					
a	229	.888mg	n.s.s.	0/57	.571mg	0/11	2.90mg	0/10					
b	229	.794mg	n.s.s.	12/57	.571mg	4/11	2.90mg	6/10					
o-NITROSOTOLUENE 611-23-4													
4651	1487	28.3mg	105.mg	1/27	105.mg	20/29					Hecht;clet,16,103-108;1982		
a	1487	30.9mg	119.mg	1/27	105.mg	19/29							
b	1487	33.1mg	119.mg	0/27	105.mg	18/29							
c	1487	39.1mg	149.mg	0/27	105.mg	16/29							
d	1487	42.5mg	168.mg	0/27	105.mg	15/29							
e	1487	46.1mg	191.mg	0/27	105.mg	14/29							
f	1487	115.mg	8.01gm	0/27	105.mg	5/29							
g	1487	78.5mg	n.s.s.	2/27	105.mg	9/29							
o-NITROTOLUENE 88-72-2													
4652	TR504	169.mg	330.mg	9/60	162.mg	11/60	325.mg	30/60	650.mg	55/60	---:hes; cec:car; liv:hpa,hpc. C liv:hpa,hpc. ---:hem,hes. S S S S S S S S S S S S		
a	TR504	212.mg	471.mg	9/60	162.mg	9/60	325.mg	24/60	650.mg	39/60			
b	TR504	273.mg	687.mg	7/60	162.mg	5/60	325.mg	19/60	650.mg	29/60			
c	TR504	336.mg	722.mg	3/60	162.mg	4/60	325.mg	3/60	650.mg	50/60			
d	TR504	354.mg	734.mg	0/60	162.mg	2/60	325.mg	3/60	650.mg	50/60			
e	TR504	550.mg	1.42gm	0/60	162.mg	0/60	325.mg	0/60	650.mg	32/60			
f	TR504	573.mg	2.04gm	2/60	162.mg	4/60	325.mg	6/60	650.mg	16/60			
g	TR504	692.mg	2.21gm	0/60	162.mg	0/60	325.mg	2/60	650.mg	19/60			
h	TR504	1.02gm	3.81gm	0/60	162.mg	0/60	325.mg	0/60	650.mg	16/60			
i	TR504	1.11gm	9.77gm	0/60	162.mg	1/60	325.mg	4/60	650.mg	3/60			
j	TR504	2.21gm	n.s.s.	0/60	162.mg	1/60	325.mg	0/60	650.mg	3/60			
k	TR504	147.mg	449.mg	56/60	162.mg	37/60	325.mg	46/60	650.mg	56/60			
l	TR504	212.mg	471.mg	9/60	162.mg	9/60	325.mg	24/60	650.mg	39/60			
m	TR504	951.mg	n.s.s.	5/60	162.mg	6/60	325.mg	4/60	650.mg	6/60			
4653	TR504	49.2mg	88.0mg	4/60	150.mg	29/60	300.mg	57/60	600.mg	60/60	---:hes; cec:car. C ---:hem,hes. S		
a	TR504	58.7mg	107.mg	5/60	150.mg	18/60	300.mg	55/60	600.mg	60/60			
b	TR504	60.1mg	109.mg	4/60	150.mg	17/60	300.mg	55/60	600.mg	60/60			
c	TR504	95.4mg	195.mg	0/60	150.mg	8/60	300.mg	38/60	600.mg	38/60			
d	TR504	107.mg	216.mg	0/60	150.mg	6/60	300.mg	33/60	600.mg	45/60			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
e	TR504	163.mg	571.mg	0/60	150.mg	12/60	300.mg	9/60	600.mg	0/60	
f	TR504	204.mg	662.mg	0/60	150.mg	4/60	300.mg	8/60	600.mg	20/60	S
g	TR504	752.mg	21.4gm	0/60	150.mg	0/60	300.mg	4/60	600.mg	0/60	S
h	TR504	2.28gm	60.2gm	0/60	150.mg	0/60	300.mg	0/60	600.mg	4/60	S
i	TR504	24.7mg	47.0mg	57/60	150.mg	59/60	300.mg	59/60	600.mg	60/60	
j	TR504	88.3mg	1.09gm	28/60	150.mg	29/60	300.mg	7/60	600.mg	2/60	liv:hpa,hpb,hpc.
k	TR504	267.mg	n.s.s.	14/60	150.mg	7/60	300.mg	6/60	(600.mg)	0/60	lun:a/a,a/c.
4654	TR504	24.6mg	73.5mg	23/60	31.2mg	47/60	62.5mg	52/60	100.mg	57/60	mgl:car,fba.S
a	TR504	24.6mg	75.4mg	25/60	31.2mg	47/60	62.5mg	56/60	100.mg	57/60	liv:hpa; mgl:fba; sub:fbs,fib.M
b	TR504	24.8mg	75.6mg	23/60	31.2mg	47/60	62.5mg	52/60	100.mg	56/60	
c	TR504	24.8mg	77.8mg	25/60	31.2mg	47/60	62.5mg	56/60	100.mg	56/60	mgl:fba; sub:fbs,fib.C
d	TR504	71.2mg	195.mg	3/60	31.2mg	3/60	62.5mg	21/60	100.mg	22/60	sub:fbs,fib.
e	TR504	79.5mg	239.mg	3/60	31.2mg	3/60	62.5mg	18/60	100.mg	20/60	
f	TR504	323.mg	8.72gm	0/60	31.2mg	0/60	62.5mg	4/60	100.mg	3/60	S
g	TR504	111.mg	n.s.s.	11/60	31.2mg	8/60	62.5mg	15/60	100.mg	17/60	ute:esp,ess.S
h	TR504	118.mg	n.s.s.	11/60	31.2mg	7/60	62.5mg	15/60	100.mg	16/60	S
i	TR504	328.mg	n.s.s.	1/60	31.2mg	0/60	62.5mg	1/60	100.mg	6/60	
j	TR504	36.7mg	n.s.s.	60/60	31.2mg	60/60	62.5mg	60/60	100.mg	60/60	
k	TR504	328.mg	n.s.s.	1/60	31.2mg	0/60	62.5mg	1/60	100.mg	6/60	liv:hpa,hpb,hpc.
4655	TR504	4.55mg	8.84mg	10/60	25.0mg	52/60	50.0mg	56/60	80.0mg	60/60	---:msm; liv:hcc,hpa,hpc; mgl:fba; sub:fbs,fib,lip.C
a	TR504	4.79mg	9.20mg	5/60	25.0mg	47/60	50.0mg	55/60	80.0mg	59/60	sub:fbs,fib.
b	TR504	4.84mg	9.37mg	5/60	25.0mg	46/60	50.0mg	52/60	80.0mg	59/60	
c	TR504	12.0mg	25.9mg	2/60	25.0mg	20/60	50.0mg	29/60	80.0mg	44/60	
d	TR504	21.3mg	57.8mg	0/60	25.0mg	7/60	50.0mg	17/60	80.0mg	20/60	
e	TR504	24.2mg	97.9mg	0/60	25.0mg	7/60	50.0mg	10/60	80.0mg	2/60	
f	TR504	29.2mg	93.1mg	0/60	25.0mg	4/60	50.0mg	13/60	80.0mg	13/60	
g	TR504	42.2mg	436.mg	3/60	25.0mg	3/60	50.0mg	3/60	80.0mg	8/60	liv:hpa,hpc.
h	TR504	44.2mg	689.mg	2/60	25.0mg	4/60	50.0mg	6/60	80.0mg	2/60	S
i	TR504	44.9mg	457.mg	2/60	25.0mg	3/60	50.0mg	3/60	80.0mg	7/60	
j	TR504	39.1mg	n.s.s.	2/60	25.0mg	5/60	50.0mg	1/60	80.0mg	2/60	lun:a/a,a/c.S
k	TR504	438.mg	n.s.s.	0/60	25.0mg	1/60	50.0mg	0/60	80.0mg	1/60	
l	TR504	4.61mg	9.80mg	50/60	25.0mg	60/60	50.0mg	60/60	80.0mg	60/60	
m	TR504	42.2mg	436.mg	3/60	25.0mg	3/60	50.0mg	3/60	80.0mg	8/60	liv:hpa,hpb,hpc.
4656	TR504a	1.20mg	2.82mg	11/60	10.7mg	57/60	28.4mg	60/60	---	msm; liv:clc,hpa,hpc; lun:a/a,a/c; mgl:fba; ski:sar; sub:fbs,fib,lip.M	
a	TR504a	1.22mg	2.83mg	10/60	10.7mg	57/60	28.4mg	60/60	---	msm; liv:clc,hpa,hpc; mgl:fba; ski:sar; sub:fbs,fib,lip.C	
b	TR504a	1.42mg	3.33mg	5/60	10.7mg	47/60	28.4mg	53/60		ski:sar; sub:fbs,fib.	
c	TR504a	1.44mg	3.38mg	5/60	10.7mg	45/60	28.4mg	52/60		ski:sar; sub:fib.S	
d	TR504a	1.44mg	3.38mg	5/60	10.7mg	45/60	28.4mg	52/60			
e	TR504a	1.54mg	4.03mg	2/60	10.7mg	44/60	28.4mg	54/60			
f	TR504a	3.66mg	14.2mg	0/60	10.7mg	13/60	28.4mg	20/60			
g	TR504a	4.90mg	21.9mg	0/60	10.7mg	10/60	28.4mg	12/60			
h	TR504a	6.31mg	28.3mg	0/60	10.7mg	8/60	28.4mg	12/60			
i	TR504a	8.39mg	69.3mg	2/60	10.7mg	3/60	28.4mg	11/60		lun:a/a,a/c.	
j	TR504a	9.43mg	94.1mg	1/60	10.7mg	3/60	28.4mg	8/60		S	
k	TR504a	9.86mg	197.mg	3/60	10.7mg	3/60	28.4mg	6/60		liv:hpa,hpc.	
l	TR504a	17.4mg	n.s.s.	1/60	10.7mg	3/60	28.4mg	3/60		S	
m	TR504a	17.5mg	n.s.s.	1/60	10.7mg	2/60	28.4mg	3/60		S	
n	TR504a	17.6mg	n.s.s.	1/60	10.7mg	0/60	28.4mg	4/60		---:hem,hes.S	
o	TR504a	89.9mg	n.s.s.	0/60	10.7mg	0/60	28.4mg	3/60		S	
p	TR504a	92.7mg	n.s.s.	0/60	10.7mg	0/60	28.4mg	3/60			
q	TR504a	1.25mg	3.03mg	50/60	10.7mg	60/60	28.4mg	60/60			
r	TR504a	9.86mg	197.mg	3/60	10.7mg	3/60	28.4mg	6/60		liv:hpa,hpb,hpc.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
p-NITROTOLUENE 99-99-0											
4657	TR498	730.mg	n.s.s.	21/50	162.mg	23/50	325.mg	29/50	650.mg	25/50	
a	TR498	3.15gm	n.s.s.	8/50	162.mg	6/50	325.mg	2/50	650.mg	6/50	liv:hpa,hpb,hpc.
b	TR498	1.96gm	n.s.s.	6/50	162.mg	2/50	325.mg	4/50	650.mg	8/50	lun:a/a,a/c.
4658	TR498	648.mg	n.s.s.	8/50	150.mg	14/50	300.mg	12/50	600.mg	19/50	lun:a/a,a/c.
a	TR498	299.mg	n.s.s.	31/50	150.mg	38/50	300.mg	41/50	600.mg	44/50	
b	TR498	560.mg	n.s.s.	20/50	150.mg	24/50	300.mg	25/50	600.mg	25/50	liv:hpa,hpb,hpc.
c	TR498	648.mg	n.s.s.	8/50	150.mg	14/50	300.mg	12/50	600.mg	19/50	lun:a/a,a/c.
4659	TR498	115.mg	n.s.s.	8/50	62.4mg	12/50	125.mg	20/50	(250.mg	8/50)	cli:ade,car.
a	TR498	129.mg	n.s.s.	44/50	62.4mg	46/50	125.mg	49/50	250.mg	50/50	
b	TR498	2.15gm	n.s.s.	0/50	62.4mg	0/50	125.mg	1/50	250.mg	0/50	liv:hpa,hpb,hpc.
4660	TR498	189.mg	n.s.s.	1/50	50.0mg	2/50	100.mg	9/50	(200.mg	1/50)	sub:fbs, fib.
a	TR498	199.mg	n.s.s.	2/50	50.0mg	2/50	100.mg	9/50	(200.mg	1/50)	ski:fi; sub:fbs, fib. S
b	TR498	313.mg	n.s.s.	48/50	50.0mg	41/50	100.mg	34/50	200.mg	38/50	
c	TR498	3.05gm	n.s.s.	1/50	50.0mg	0/50	100.mg	0/50	200.mg	0/50	liv:hpa,hpb,hpc.
NITROUS OXIDE (nitrogen oxide) 10024-97-2											
4661	1769	118.gm	n.s.s.	25/88	35.5gm	24/77	142.gm	31/75			Baden;anes,64,747-750;1986
a	1769	841.gm	n.s.s.	4/88	35.5gm	2/77	142.gm	2/75			
b	1769	465.gm	n.s.s.	19/88	35.5gm	11/77	142.gm	11/75			
4662	1769	39.7gm	n.s.s.	34/91	29.5gm	28/75	(118.gm	16/76)			
a	1769	320.gm	n.s.s.	9/91	29.5gm	10/75	118.gm	8/76			
b	1769	483.gm	n.s.s.	11/91	29.5gm	8/75	118.gm	6/76			
NIVALENOL 23282-20-4											
4663	1946	28.3mg	n.s.s.	0/38	.780mg	2/38	1.56mg	0/41	3.90mg	0/41	Ohtsubo;fctx,27,591-598;1989/pers.comm.
a	1946	45.3mg	n.s.s.	2/38	.780mg	1/38	1.56mg	0/41	3.90mg	0/41	
b	1946	4.58mg	n.s.s.	22/38	.780mg	25/38	1.56mg	23/41	3.90mg	23/41	
NONABROMOBIPHENYL (bromkal 80-9D) 27753-52-2											
4664	2436	3.44mg	7.05mg	0/49	13.0mg	33/46	39.0mg	45/49			Momma;jjpt,14,5541-5563;1986
a	2436	9.39mg	21.0mg	0/49	13.0mg	8/46	39.0mg	37/49			
b	2436	182.mg	n.s.s.	3/49	13.0mg	1/46	39.0mg	1/49			
c	2436	3.37mg	7.40mg	4/49	13.0mg	35/46	39.0mg	45/49			
4665	2436	1.70mg	5.29mg	19/50	12.0mg	48/49	36.0mg	44/46			
a	2436	2.13mg	6.22mg	7/50	12.0mg	38/49	(36.0mg	13/46)			
b	2436	14.4mg	212.mg	0/50	12.0mg	6/49	(36.0mg	1/46)			
c	2436	42.1mg	n.s.s.	5/50	12.0mg	2/49	(36.0mg	0/46)			
d	2436	1.11mg	4.18mg	23/50	12.0mg	49/49	36.0mg	45/46			
NORETHYNODREL 68-23-5											
4666	1175	2.48mg	n.s.s.	54/92	1.76mg	45/77					Rudali;jnci,49,813-819;1972
4667	1453m	12.1mg	n.s.s.	0/39	.125mg	0/39	1.50mg	0/40	5.00mg	2/39	Barrows;jtxe,3,219-230;1977
4668	1453m	16.3mg	n.s.s.	6/39	.125mg	7/40	1.50mg	1/40	5.00mg	3/40	
4669	1175	.243mg	n.s.s.	161/167p	1.76mg	48/49					Rudali;jnci,49,813-819;1972
4670	1175	1.86mg	n.s.s.	50/73	1.76mg	19/31					
4671	1453	6.19mg	n.s.s.	1/50	1.02mg	0/50					Barrows;jtxe,3,219-230;1977
NORHARMAN (9H-pyrido(3,4-b)indole) 244-63-3											
4672	1460	31.0mg	n.s.s.	0/28	20.0mg	1/24					Hagiwara;txtl,6,71-75;1980
a	1460	58.5mg	n.s.s.	0/28	20.0mg	0/24					
NORLESTRIN 8015-12-1											
4673	230	.347mg	n.s.s.	1/8	.200mg	7/15	2.00mg	5/8			Poel;scie,154,402-403;1966
4674	585m	.194mg	n.s.s.	0/15	.143mg	0/15					Poel;canr,28,845-859;1968
a	585m	83.4ug	n.s.s.	4/15	.143mg	3/15					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
4675	585n	57.2ug	n.s.s.	8/15	.120mg	7/15						
4676	1441	1.05mg	n.s.s.	0/16	37.5ug	0/16	.383mg	0/16	1.91mg	1/16	Fitzgerald;jtxe,10,879-896;1982	
	a	1441	1.13mg	n.s.s.	0/16	37.5ug	1/16	.383mg	0/16	1.91mg	1/16	
	b	1441	28.5ug	n.s.s.	0/16	37.5ug	0/16	.383mg	0/16	1.91mg	0/16	
	c	1441	1.86mg	n.s.s.	0/16	37.5ug	1/16	.383mg	0/16	1.91mg	0/16	
	d	1441	28.5ug	n.s.s.	0/16	37.5ug	0/16	.383mg	0/16	1.91mg	0/16	
4677	1403	.941mg	6.88mg	4/200	.338mg	13/100	(3.38mg)	10/100)			Schardein;txap,16,10-23;1970	
	a	1403	3.07mg	13.3mg	64/200	.338mg	19/100	3.38mg	55/100			
	b	1403	3.47mg	27.9mg	61/200	.338mg	34/100	3.38mg	51/100			
	c	1403	7.91mg	37.3mg	5/200	.338mg	2/100	3.38mg	17/100			
	d	1403	12.0mg	164.mg	4/200	.338mg	2/100	3.38mg	10/100			
	e	1403	2.30mg	37.2gm	0/200	.338mg	3/100	(3.38mg)	4/100)			
	f	1403	22.9mg	n.s.s.	2/200	.338mg	0/100	3.38mg	4/100			
	g	1403	6.38mg	n.s.s.	58/200	.338mg	33/100	3.38mg	37/100			
	h	1403	2.59mg	n.s.s.	159/200	.338mg	82/100	3.38mg	83/100			
NOVADELOX (18% BENZOYL PEROXIDE, 78% CALCIUM SULPHATE, 4% MAGNESIUM CARBONATE) 94-36-0												
4678	1345	9.23gm	n.s.s.	0/41	19.6mg	1/42	196.mg	1/42	1.96gm	0/42	Sharratt;fctx,2,527-538;1964	
	a	1345	9.85gm	n.s.s.	1/41	19.6mg	1/42	196.mg	1/42	1.96gm	0/42	
	b	1345	11.0gm	n.s.s.	1/41	19.6mg	1/42	196.mg	0/42	1.96gm	0/42	
4679	1345	6.57gm	n.s.s.	0/46	7.07mg	0/47	70.7mg	1/47	707.mg	0/45		
	a	1345	2.16gm	n.s.s.	3/46	7.07mg	1/47	70.7mg	1/47	707.mg	6/45	
	b	1345	2.84gm	n.s.s.	6/46	7.07mg	2/47	70.7mg	1/47	707.mg	5/45	
OCHRATOXIN A 303-47-9												
4680	1691	12.3mg	n.s.s.	0/47	.130mg	1/45	5.20mg	5/49			Bendele;jnci,75,733-739;1985	
	a	1691	21.7mg	n.s.s.	0/47	.130mg	1/45	5.20mg	2/49			
	b	1691	1.18mg	n.s.s.	0/47	.130mg	0/45	5.20mg	0/49			
4681	1691	2.25mg	5.92mg	0/50	.120mg	0/47	4.80mg	31/50				
	a	1691	2.87mg	8.13mg	0/50	.120mg	0/47	4.80mg	26/50			
	b	1691	5.52mg	22.5mg	0/50	.120mg	0/47	4.80mg	14/50			
	c	1691	12.2mg	n.s.s.	1/50	.120mg	5/47	4.80mg	6/50			
	d	1691	14.5mg	n.s.s.	0/50	.120mg	3/47	4.80mg	4/50			
4682	TR358	.235mg	1.40mg	0/50	14.8ug	0/51	49.4ug	2/50	.148mg	8/50	kid:rua,ruc.	
	a	TR358	.331mg	4.82mg	0/50	14.8ug	0/51	49.4ug	1/50	.148mg	5/50	
	b	TR358	.448mg	n.s.s.	0/50	14.8ug	0/51	49.4ug	1/50	.148mg	3/50	
	c	TR358	.103mg	n.s.s.	17/50	14.8ug	23/51	49.4ug	24/50	.148mg	30/50	kid:rua,ruc; mgl:fba. C
	d	TR358	.116mg	n.s.s.	17/50	14.8ug	23/51	49.4ug	22/50	.148mg	28/50	
	e	TR358	.117mg	n.s.s.	39/50	14.8ug	44/51	49.4ug	40/50	.148mg	45/50	
	f	TR358	n.s.s.	n.s.s.	0/50	14.8ug	0/51	49.4ug	0/50	.148mg	0/50	liv:hpa,hpc,nnd.
4683	TR358	40.6ug	87.9ug	1/50	14.8ug	1/51	49.3ug	20/51	.148mg	36/50	kid:rua,ruc,rue,tcb.	
	a	TR358	51.8ug	.115mg	0/50	14.8ug	0/51	49.3ug	16/51	.148mg	30/50	kid:ruc,tcb.
	b	TR358	.127mg	.729mg	1/50	14.8ug	1/51	49.3ug	6/51	.148mg	10/50	kid:rua,rue.
	c	TR358	40.9ug	1.42mg	43/50	14.8ug	38/51	49.3ug	44/51	.148mg	50/50	
	d	TR358	.495mg	n.s.s.	1/50	14.8ug	0/51	49.3ug	0/51	.148mg	2/50	liv:hpa,hpc,nnd.
4684	2585m	1.58mg	n.s.s.	0/10	.171mg	0/40					Castegnaro;ijcn,77,70-75;1998	
4685	2585m	.149mg	n.s.s.	0/10	.171mg	6/20						
	a	2585m	.290mg	n.s.s.	0/10	.171mg	2/19					
4686	2585n	.417mg	n.s.s.	0/10	.171mg	1/20						
4687	2585n	.306mg	n.s.s.	0/10	.171mg	2/20						
4688	1365	.132mg	n.s.s.	0/10	76.4ug	0/10	.229mg	0/10			Purchase;fctx,9,681-682;1971	
	a	1365	.132mg	n.s.s.	0/10	76.4ug	0/10	.229mg	0/10			
OCTACHLOROSTYRENE 29082-74-4												
4689	2212	13.9mg	n.s.s.	0/8	12.0mg	0/10					Smith;clet,81,145-150;1994	
4690	1773	n.s.s.	n.s.s.	0/20	250.ng	0/20	2.50ug	0/20	25.0ug	0/20	.250mg	0/20 2.50mg 0/20 Chu;faat,6,69-77;1986

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology				Brkly Code			
4691	1773	n.s.s.	n.s.s.	0/20	200.ng	0/20	2.00ug	0/20	20.0ug	0/20	.200mg	0/20	2.00mg	0/20	
OIL, CORN (Zea mays) 8001-30-7															
4692	TR426	4.35gm	18.0gm	1/50	1.61gm	8/50	3.22gm	11/50	6.47gm	23/50					pan:acc,ana.
a	TR426	4.46gm	18.5gm	1/50	1.61gm	8/50	3.22gm	10/50	6.47gm	23/50					
b	TR426	9.15gm	n.s.s.	44/50	1.61gm	42/50	3.22gm	38/50	6.47gm	42/50					liv:hpa,hpb,hpc.
c	TR426	75.3gm	n.s.s.	4/50	1.61gm	3/50	3.22gm	0/50	6.47gm	0/50					
OIL, SAFFLOWER (Carthamus tinctorius) 8001-23-8															
4693	TR426	3.31gm	8.77gm	1/50	1.63gm	7/50	3.26gm	15/50	6.55gm	29/51					pan:acc,ana.
a	TR426	3.35gm	9.14gm	1/50	1.63gm	7/50	3.26gm	15/50	6.55gm	28/51					
b	TR426	7.70gm	n.s.s.	47/50	1.63gm	46/50	3.26gm	41/50	6.55gm	42/51					liv:hpa,hpb,hpc.
c	TR426	54.2gm	n.s.s.	3/50	1.63gm	2/50	3.26gm	2/50	6.55gm	0/51					
OLEATE, SODIUM 143-19-1															
4694	1687	22.2gm	n.s.s.	0/43	1.43gm	1/39	2.86gm	0/45							Hiasa;fctx,23,619-623;1985
a	1687	2.99gm	n.s.s.	24/43	1.43gm	28/39	2.86gm	25/45							
4695	1687	5.09gm	45.3gm	0/41	1.25gm	4/40	2.50gm	7/45							
a	1687	5.91gm	94.5gm	0/41	1.25gm	3/40	2.50gm	6/45							
b	1687	10.0gm	n.s.s.	0/41	1.25gm	0/40	2.50gm	4/45							
c	1687	10.8gm	n.s.s.	1/41	1.25gm	0/40	2.50gm	4/45							
d	1687	625.mg	n.s.s.	40/41	1.25gm	40/40	2.50gm	43/45							
OLESTRA 121854-29-3															
4696	2154m	65.5gm	n.s.s.	1/50	3.25gm	1/49	6.50gm	1/51	13.0gm	3/50					Lafranconi;fctx,32,789-798;1994/pers.comm.
a	2154m	29.4gm	n.s.s.	7/50	3.25gm	13/50	6.50gm	11/50	13.0gm	9/50					
4697	2154n	33.6gm	n.s.s.	5/50	13.0gm	7/50									
a	2154n	47.1gm	n.s.s.	1/50	13.0gm	3/50									
4698	2154m	18.9gm	n.s.s.	9/50	3.00gm	8/49	6.00gm	10/50	12.0gm	15/49					
a	2154m	25.1gm	n.s.s.	13/50	3.00gm	14/50	6.00gm	9/50	12.0gm	15/50					
4699	2154n	25.8gm	n.s.s.	6/50	12.0gm	9/50									
a	2154n	29.3gm	n.s.s.	8/50	12.0gm	9/50									
4700	2037m	2.84gm	n.s.s.	18/51	495.mg	29/48	2.38gm	35/52	4.54gm	30/50					Wood;fctx,29,223-230;1991
a	2037m	15.2gm	n.s.s.	0/51	4.54gm	3/50									
4701	2037n	17.7gm	n.s.s.	0/58	4.54gm	3/58									
4702	2037m	3.88gm	n.s.s.	18/50	396.mg	17/50	1.90gm	14/50	3.64gm	27/50					
a	2037m	20.1gm	n.s.s.	0/50	3.64gm	1/50									
4703	2037n	18.4gm	n.s.s.	2/50	3.64gm	2/50									
OLTIPRAZ (5-(2-pyrazinyl)-4-methyl-1,2-dithiole-3-thione) 64224-21-1															
4704	2523	8.59mg	n.s.s.	0/25	10.0mg	0/25	30.0mg	0/25	60.0mg	0/25					Crowell;faat,35,9-21;1997
4705	2523	8.59mg	n.s.s.	0/25	10.0mg	0/25	30.0mg	0/25	60.0mg	0/25					
4706	2300	9.89mg	n.s.s.	0/12	16.0mg	0/12									Rao;canr,56,3395-3398;1996/pers.comm.
OMEPRAZOLE 73590-58-6															
4707	1781m	63.3mg	n.s.s.	0/109	14.1mg	0/55	44.0mg	0/55	141.mg	0/55					Havu;dgsn,35,42-55;1986/pers.comm.
4708	1781m	63.3mg	n.s.s.	0/109	14.1mg	0/55	44.0mg	0/55	141.mg	0/55					
4709	1781n	41.1mg	103.mg	0/120	14.1mg	13/60	44.0mg	19/60	(141.mg)	24/60)					
4710	1781n	486.mg	3.65gm	0/119	14.1mg	0/60	44.0mg	1/60	141.mg	6/60					
C.I. ACID ORANGE 3 6373-74-6															
4711	TR335	868.mg	n.s.s.	0/50	177.mg	1/50	354.mg	3/50							S
a	TR335	165.mg	n.s.s.	35/50	177.mg	27/50	(354.mg)	23/50)							
b	TR335	707.mg	n.s.s.	3/50	177.mg	4/50	354.mg	4/50							liv:hpa,hpc,ndd.
c	TR335	1.10gm	n.s.s.	2/50	177.mg	2/50	354.mg	3/50							lun:a/a,a/c.
4712	TR335	79.4mg	n.s.s.	7/50	88.4mg	16/50	(177.mg)	10/50)							S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	TR335	96.8mg	n.s.s.	42/50	88.4mg	36/50	177.mg	39/50				
b	TR335	224.mg	n.s.s.	21/50	88.4mg	20/50	177.mg	15/50			liv:hpa,hpc,nnd.	
c	TR335	266.mg	n.s.s.	13/50	88.4mg	9/50	177.mg	10/50			lun:a/a,a/c.	
4713	TR335	683.mg	6.26gm	0/50	264.mg	0/50	531.mg	6/50				
a	TR335	149.mg	n.s.s.	45/50	264.mg	44/50	531.mg	19/50				
b	TR335	945.mg	n.s.s.	1/50	264.mg	3/50	531.mg	0/50			liv:hpa,hpc,nnd.	
4714	TR335	113.mg	n.s.s.	42/50	265.mg	33/50	536.mg	13/50				
a	TR335	1.65gm	n.s.s.	2/50	265.mg	0/50	536.mg	0/50			liv:hpa,hpc,nnd.	
C.I. ACID ORANGE 10 1936-15-8												
4715	TR211	709.mg	n.s.s.	25/50	386.mg	27/50	(773.mg	19/50)				
a	TR211	3.72gm	n.s.s.	3/50	386.mg	3/50	773.mg	3/50			liv:hpa,hpc,nnd.	
b	TR211	2.15gm	n.s.s.	2/50	386.mg	1/50	(773.mg	0/50)			lun:a/a,a/c.	
4716	TR211	1.45gm	n.s.s.	30/50	360.mg	19/50	720.mg	25/50				
a	TR211	2.09gm	n.s.s.	15/50	360.mg	7/50	720.mg	12/50			liv:hpa,hpc,nnd.	
b	TR211	2.56gm	n.s.s.	1/50	360.mg	3/50	720.mg	2/50			lun:a/a,a/c.	
4717	TR211	89.9mg	n.s.s.	68/90	49.5mg	33/50	(149.mg	31/50)				
a	TR211	967.mg	n.s.s.	3/90	49.5mg	2/50	149.mg	1/50			liv:hpa,hpc,nnd.	
4718	TR211	346.mg	n.s.s.	0/90	39.6mg	3/50	119.mg	2/50			tnv:men,msm. S	
a	TR211	125.mg	n.s.s.	61/90	39.6mg	31/50	119.mg	34/50				
b	TR211	223.mg	n.s.s.	5/90	39.6mg	3/50	119.mg	8/50			liv:hpa,hpc,nnd.	
OROTIC ACID, MONOSODIUM SALT 154-85-8												
4719	2126m	150.mg	n.s.s.	0/8	400.mg	1/14						
4720	2126n	189.mg	1.31gm	0/11	400.mg	10/20					Laconi;carc,14,1901-1905;1993/pers.comm.	
a	2126n	509.mg	n.s.s.	0/11	400.mg	3/20						
b	2126n	639.mg	n.s.s.	0/11	400.mg	2/20						
gamma-ORYZANOL 11042-64-1												
4721	2092	2.23gm	n.s.s.	2/46	197.mg	5/48	592.mg	3/47	1.97gm	9/50		Tamagawa;fctx,30,49-56;1992
a	2092	11.7gm	n.s.s.	2/50	1.97gm	0/50						
b	2092	5.44gm	n.s.s.	4/50	1.97gm	3/50						
c	2092	8.44gm	n.s.s.	3/50	1.97gm	1/50						
4722	2092	3.97gm	n.s.s.	0/45	197.mg	1/46	592.mg	2/45	1.97gm	2/48		
a	2092	7.14gm	n.s.s.	1/50	1.97gm	1/50						
b	2092	3.02gm	n.s.s.	11/50	1.97gm	10/50						
c	2092	6.36gm	n.s.s.	3/50	1.97gm	2/50						
d	2092	7.14gm	n.s.s.	1/50	1.97gm	1/50						
4723	2091	20.8gm	n.s.s.	2/50	1.98gm	0/50						Tamagawa;fctx,30,41-48;1992
4724	2091	11.2gm	n.s.s.	0/50	1.98gm	1/50						
OSUTIDINE 140695-21-2												
4725	2577m	1.75gm	n.s.s.	0/19	2.00gm	0/17						Nagai;phrm,55,149-168;1998/pers.comm.
4726	2577n	993.mg	n.s.s.	0/10	1.85gm	0/9						
4727	2577m	1.85gm	n.s.s.	0/16	2.00gm	0/18						
4728	2577n	993.mg	n.s.s.	0/8	1.85gm	0/9						
OVULEN (ethynodiol diacetate/ethinyl estradiol [10:1]) 8056-92-6												
4729	1463	57.0ug	n.s.s.	161/167	.390mg	37/38						Rudali;gmcr,17,243-252;1975
4730	1463	.158mg	.664mg	0/76	.360mg	14/25						
OXAMYL 23135-22-0												
4731	1788	35.8mg	n.s.s.	32/80	3.25mg	42/79	6.50mg	28/79	9.94mg	27/80		Kennedy;faat,7,106-118;1986/pers.comm.
4732	1788	30.7mg	n.s.s.	35/80	3.00mg	36/79	6.00mg	28/80	9.17mg	29/78		
4733	1788	46.4mg	n.s.s.	1/60	7.50mg	0/30						
4734	1788	37.1mg	n.s.s.	0/60	6.00mg	0/30						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
OXAZEPAM 604-75-1											
4735	TR443	12.7mg	32.6mg	28/50	16.2mg	36/50	325.mg	50/50	650.mg	47/50	liv:hpa,hpb,hpc.
a	TR443	12.7mg	32.6mg	28/50	16.2mg	36/50	325.mg	50/50	650.mg	47/50	liv:hpa,hpb,hpc; thy:fca. M
b	TR443	16.8mg	47.7mg	25/50	16.2mg	35/50	325.mg	35/50	650.mg	36/50	
c	TR443	30.0mg	76.0mg	9/50	16.2mg	5/50	325.mg	49/50	650.mg	44/50	
d	TR443	68.3mg	573.mg	0/50	16.2mg	4/50	325.mg	5/50	650.mg	6/50	
e	TR443	221.mg	1.07gm	0/50	16.2mg	1/50	325.mg	8/50	650.mg	8/50	
f	TR443	12.9mg	33.4mg	37/50	16.2mg	43/50	325.mg	50/50	650.mg	47/50	
g	TR443	12.7mg	32.6mg	28/50	16.2mg	36/50	325.mg	50/50	650.mg	47/50	liv:hpa,hpb,hpc.
h	TR443	121.mg	n.s.s.	5/50	16.2mg	4/50	325.mg	1/50	650.mg	1/50	lun:a/a,a/c.
4736	TR443	46.4mg	94.0mg	1/60	325.mg	23/60	650.mg	47/60			liv:hpa,hpc.
a	TR443	47.3mg	94.1mg	0/60	325.mg	22/60	650.mg	47/60			
b	TR443	176.mg	1.06gm	1/60	325.mg	1/60	650.mg	11/60			
c	TR443	50.9mg	155.mg	24/60	325.mg	37/60	650.mg	49/60			
d	TR443	46.4mg	94.0mg	1/60	325.mg	23/60	650.mg	47/60			liv:hpa,hpb,hpc.
e	TR443	273.mg	n.s.s.	11/60	325.mg	6/60	650.mg	7/60			lun:a/a,a/c.
4737	TR443	40.5mg	89.4mg	23/50	15.0mg	19/50	300.mg	50/50	600.mg	50/50	liv:hpa,hpb,hpc.
a	TR443	47.6mg	101.mg	9/50	15.0mg	6/50	300.mg	47/50	600.mg	50/50	liv:hpb,hpc.
b	TR443	51.1mg	109.mg	9/50	15.0mg	5/50	300.mg	45/50	600.mg	50/50	
c	TR443	60.0mg	157.mg	17/50	15.0mg	18/50	300.mg	34/50	600.mg	32/50	
d	TR443	126.mg	347.mg	0/50	15.0mg	2/50	300.mg	21/50	600.mg	13/50	
e	TR443	37.0mg	83.5mg	37/50	15.0mg	35/50	300.mg	50/50	600.mg	50/50	
f	TR443	40.5mg	89.4mg	23/50	15.0mg	19/50	300.mg	50/50	600.mg	50/50	liv:hpa,hpb,hpc.
g	TR443	407.mg	n.s.s.	13/50	15.0mg	18/50	300.mg	5/50	600.mg	1/50	lun:a/a,a/c.
4738	TR443	24.7mg	49.6mg	1/60	300.mg	35/60	600.mg	52/60			liv:hpa,hpc.
a	TR443	25.0mg	50.6mg	1/60	300.mg	35/60	600.mg	50/60			
b	TR443	80.4mg	257.mg	0/60	300.mg	5/60	600.mg	19/60			
c	TR443	30.3mg	83.5mg	26/60	300.mg	42/60	600.mg	54/60			
d	TR443	24.7mg	49.6mg	1/60	300.mg	35/60	600.mg	52/60			liv:hpa,hpb,hpc.
e	TR443	163.mg	n.s.s.	14/60	300.mg	9/60	600.mg	7/60			lun:a/a,a/c.
4739	TR468	57.8mg	575.mg	14/50	31.3mg	19/50	125.mg	29/50	(250.mg	18/50)	S
a	TR468	46.2mg	n.s.s.	49/50	31.3mg	49/50	125.mg	45/50	(250.mg	38/50)	
b	TR468	n.s.s.	n.s.s.	0/50	31.3mg	0/50	125.mg	0/50	250.mg	0/50	liv:hpa,hpb,hpc.
4740	TR468a	75.0mg	n.s.s.	49/50	124.mg	43/50					
a	TR468a	n.s.s.	n.s.s.	0/50	124.mg	0/50					liv:hpa,hpb,hpc.
4741	TR468	16.6mg	56.3mg	45/50	25.0mg	48/50	100.mg	49/50	200.mg	47/50	tes:iab,ica. S
a	TR468	36.1mg	926.mg	27/50	25.0mg	36/50	100.mg	33/50	200.mg	19/50	S
b	TR468	116.mg	n.s.s.	4/50	25.0mg	3/50	100.mg	4/50	200.mg	6/50	thy:fca,fcc. S
c	TR468	142.mg	n.s.s.	1/50	25.0mg	0/50	100.mg	3/50	200.mg	1/50	S
d	TR468	25.5mg	225.mg	47/50	25.0mg	45/50	100.mg	44/50	200.mg	32/50	
e	TR468	293.mg	n.s.s.	2/50	25.0mg	0/50	100.mg	0/50	200.mg	3/50	liv:hpa,hpb,hpc.
4742	TR468	434.mg	n.s.s.	2/50	25.0mg	1/50	100.mg	7/50	200.mg	6/50	
4743	TR468a	8.32mg	52.9mg	45/50	101.mg	48/50					tes:iab,ica. S
a	TR468a	14.3mg	115.mg	27/50	101.mg	34/50					S
b	TR468a	62.0mg	n.s.s.	1/50	101.mg	0/50					
c	TR468a	11.8mg	237.mg	47/50	101.mg	42/50					
d	TR468a	91.6mg	n.s.s.	2/50	101.mg	1/50					liv:hpa,hpb,hpc.
4744	TR468a	241.mg	n.s.s.	2/50	101.mg	6/50					
N- (9-OXO-2-FLUORENYL) ACETAMIDE 3096-50-2											
4745	144	2.98mg	15.4mg	0/18	12.4mg	11/18					Morris;jnci,24,149-180;1960
a	144	9.65mg	n.s.s.	0/18	12.4mg	3/18					
b	144	16.6mg	n.s.s.	0/18	12.4mg	1/18					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
OXOLINIC ACID 14698-29-4												
4746	2151o	20.8mg	n.s.s.	4/50	6.50mg	5/50	19.5mg	10/50	(65.0mg	1/50)	Yamada;fctx,32,397-408;1994	
a	2151o	173.mg	n.s.s.	0/50	6.50mg	0/50	19.5mg	0/50	65.0mg	3/50		
b	2151o	141.mg	n.s.s.	5/50	6.50mg	6/50	19.5mg	4/50	65.0mg	5/50		
c	2151o	132.mg	n.s.s.	14/50	6.50mg	8/50	19.5mg	15/50	65.0mg	8/50		
d	2151o	76.4mg	n.s.s.	19/50	6.50mg	16/50	19.5mg	11/50	65.0mg	17/50		
e	2151o	66.0mg	n.s.s.	27/50	6.50mg	21/50	19.5mg	25/50	65.0mg	22/50		
4747	2151o	118.mg	n.s.s.	18/50	6.00mg	18/50	18.0mg	14/50	60.0mg	12/50		
a	2151o	134.mg	n.s.s.	6/50	6.00mg	3/50	18.0mg	8/50	60.0mg	4/50		
b	2151o	147.mg	n.s.s.	11/50	6.00mg	8/50	18.0mg	10/50	60.0mg	6/50		
c	2151o	337.mg	n.s.s.	1/50	6.00mg	2/50	18.0mg	1/50	60.0mg	0/50		
d	2151o	108.mg	n.s.s.	37/50	6.00mg	34/50	18.0mg	31/50	60.0mg	22/50		
e	2151o	119.mg	n.s.s.	28/50	6.00mg	24/50	18.0mg	22/50	60.0mg	16/50		
f	2151o	138.mg	n.s.s.	15/50	6.00mg	14/50	18.0mg	19/50	60.0mg	8/50		
4748	2151o	398.mg	n.s.s.	0/50	1.50mg	0/50	5.00mg	0/50	15.0mg	1/50	50.0mg	0/50
a	2151o	18.6mg	n.s.s.	37/50	1.50mg	42/50	5.00mg	44/50	15.0mg	42/50	50.0mg	44/50
b	2151o	34.0mg	n.s.s.	34/50	1.50mg	40/50	5.00mg	43/50	15.0mg	39/50	50.0mg	39/50
c	2151o	129.mg	n.s.s.	5/50	1.50mg	11/50	5.00mg	7/50	15.0mg	7/50	50.0mg	9/50
4749	2151m	.432mg	n.s.s.	0/10	1.20mg	0/10	4.00mg	0/10	12.0mg	0/10	40.0mg	0/10
4750	2151n	.973mg	n.s.s.	0/10	1.20mg	0/10	4.00mg	0/10	12.0mg	0/10	40.0mg	0/10
4751	2151o	73.4mg	1.39gm	2/50	1.20mg	4/50	4.00mg	3/50	12.0mg	2/50	40.0mg	11/50
a	2151o	178.mg	n.s.s.	4/50	1.20mg	2/50	4.00mg	3/50	12.0mg	4/50	40.0mg	3/50
b	2151o	87.1mg	n.s.s.	14/50	1.20mg	8/50	4.00mg	9/50	12.0mg	17/50	40.0mg	11/50
c	2151o	58.4mg	n.s.s.	29/50	1.20mg	27/50	4.00mg	28/50	12.0mg	25/50	40.0mg	27/50
d	2151o	44.3mg	n.s.s.	40/50	1.20mg	32/50	4.00mg	34/50	12.0mg	36/50	40.0mg	34/50
1-(2-OXOPROPYL)NITROSO-3-(2-CHLOROETHYL)UREA 110559-85-8												
4752	1956	.299mg	15.1mg	1/12	1.71mg	7/12					Lijinsky;bmes,2,167-173;1989	
a	1956	2.20mg	n.s.s.	1/12	1.71mg	0/12						
4753	1956	79.5ug	.610mg	0/12	1.51mg	11/12						
a	1956	1.94mg	n.s.s.	1/12	1.51mg	0/12						
4754	2010m	.408mg	n.s.s.	0/12	.570mg	3/12					Lijinsky;vivo,4,1-6;1990	
a	2010m	.730mg	n.s.s.	0/12	.570mg	1/12						
4755	2010n	.730mg	n.s.s.	0/12	.570mg	1/12						
a	2010n	.730mg	n.s.s.	0/12	.570mg	1/12						
b	2010n	1.41mg	n.s.s.	0/12	.570mg	0/12						
4756	2010m	.286mg	n.s.s.	0/12	.399mg	3/12						
a	2010m	.511mg	n.s.s.	0/12	.399mg	1/12						
b	2010m	.987mg	n.s.s.	1/12	.399mg	0/12						
4757	2010n	.368mg	n.s.s.	0/12	.399mg	2/12						
a	2010n	.511mg	n.s.s.	0/12	.399mg	1/12						
b	2010n	.511mg	n.s.s.	0/12	.399mg	1/12						
2-OXOPROPYLNITROSOUREA 89837-93-4												
4758	1956	43.4ug	.384mg	1/12	1.51mg	11/12					Lijinsky;bmes,2,167-173;1989	
a	1956	1.05mg	n.s.s.	1/12	1.51mg	0/12						
4759	1956	51.5ug	.394mg	0/12	.975mg	11/12						
a	1956	.737mg	n.s.s.	1/12	.975mg	1/12						
4760	2010	.136mg	.977mg	0/12	.513mg	8/12					Lijinsky;vivo,4,1-6;1990	
a	2010	.656mg	n.s.s.	0/12	.513mg	1/12						
4761	2010	.170mg	3.66mg	0/12	.359mg	5/12						
a	2010	.887mg	n.s.s.	1/12	.359mg	0/12						
1'-OXOSAFROLE 30418-53-2												
4762	1035d	239.mg	n.s.s.	0/18	77.3mg	0/18					Wislocki;canr,37,1883-1891;1977	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc				Citation or Pathology	Brkly Code
OXPRENOLOL.HCl		6452-73-9											
4763	469m	391.mg	n.s.s.	0/24	12.9mg	0/28	42.9mg	0/28	129.mg	1/24		Newberne;txap,41,535-546;1977	
a	469m	464.mg	n.s.s.	5/49	12.9mg	6/49	42.9mg	4/49	129.mg	4/50			
b	469m	529.mg	n.s.s.	0/24	12.9mg	1/28	42.9mg	0/28	129.mg	0/24			
4764	469n	143.mg	n.s.s.	1/25	150.mg	6/37							
a	469n	939.mg	n.s.s.	0/40	150.mg	0/54							
4765	469m	366.mg	n.s.s.	0/49	12.9mg	4/49	42.9mg	1/49	129.mg	3/49			
a	469m	453.mg	n.s.s.	4/49	12.9mg	7/49	42.9mg	3/49	129.mg	4/49			
4766	469n	279.mg	n.s.s.	1/29	150.mg	2/36							
a	469n	316.mg	n.s.s.	2/29	150.mg	2/36							
b	469n	291.mg	n.s.s.	9/44	150.mg	7/48							
4767	469m	37.3mg	n.s.s.	0/30	15.0mg	0/30	50.0mg	0/30	150.mg	0/30			
4768	469m	317.mg	n.s.s.	1/29	15.0mg	0/30	50.0mg	0/30	150.mg	2/30			
4,4'-OXYDIANILINE		101-80-4											
4769	TR205	9.78mg	97.5mg	10/50	19.1mg	25/50	(38.3mg	23/50	102.mg	35/50)		hag:adn; liv:hpa,hpc; thy:fca.C	
a	TR205	27.4mg	135.mg	2/50	19.1mg	15/50	38.3mg	14/50	(102.mg	12/50)			
b	TR205	58.1mg	413.mg	8/50	19.1mg	13/50	38.3mg	15/50	102.mg	29/50		liv:hpa,hpc.	
c	TR205	115.mg	17.8gm	4/50	19.1mg	7/50	38.3mg	6/50	102.mg	15/50			
d	TR205	258.mg	2.04gm	0/50	19.1mg	0/50	38.3mg	0/50	102.mg	7/50			
e	TR205	109.mg	n.s.s.	4/50	19.1mg	6/50	38.3mg	9/50	102.mg	14/50			
f	TR205	15.9mg	4.65gm	28/50	19.1mg	37/50	38.3mg	40/50	(102.mg	42/50)			
g	TR205	58.1mg	413.mg	8/50	19.1mg	13/50	38.3mg	15/50	102.mg	29/50		liv:hpa,hpc,nnd.	
h	TR205	58.4mg	n.s.s.	5/50	19.1mg	5/50	38.3mg	10/50	(102.mg	3/50)		lun:a/a,a/c.	
4770	TR205	14.2mg	73.2mg	1/50	17.7mg	17/50	(35.3mg	13/50	94.2mg	17/50)			
a	TR205	183.mg	2.05gm	0/50	17.7mg	0/50	35.3mg	5/50	94.2mg	5/50			S
b	TR205	231.mg	4.96gm	1/50	17.7mg	0/50	35.3mg	0/50	94.2mg	7/50			S
c	TR205	44.8mg	n.s.s.	30/50	17.7mg	42/50	35.3mg	36/50	94.2mg	39/50		hag:adn; liv:hpa,hpc.C	
d	TR205	50.7mg	n.s.s.	29/50	17.7mg	40/50	35.3mg	34/50	94.2mg	36/50		liv:hpa,hpc.	
e	TR205	50.1mg	n.s.s.	39/50	17.7mg	45/50	35.3mg	40/50	94.2mg	42/50			
f	TR205	50.7mg	n.s.s.	29/50	17.7mg	40/50	35.3mg	34/50	94.2mg	36/50		liv:hpa,hpc,nnd.	
g	TR205	381.mg	n.s.s.	13/50	17.7mg	10/50	35.3mg	8/50	94.2mg	4/50		lun:a/a,a/c.	
4771	TR205	8.62mg	18.3mg	3/50	9.80mg	4/50	19.6mg	37/50	24.5mg	26/50		liv:hpc,nnd; thy:fca,fcc.C	
a	TR205	10.2mg	20.8mg	0/50	9.80mg	4/50	19.6mg	29/50	24.5mg	23/50		thy:fca,fcc.	
b	TR205	13.2mg	35.5mg	3/50	9.80mg	0/50	19.6mg	24/50	24.5mg	17/50		liv:hpc,nnd.	
c	TR205	18.1mg	44.4mg	0/50	9.80mg	2/50	19.6mg	17/50	24.5mg	16/50			
d	TR205	18.1mg	61.1mg	3/50	9.80mg	0/50	19.6mg	20/50	24.5mg	11/50			
e	TR205	24.6mg	77.8mg	0/50	9.80mg	2/50	19.6mg	12/50	24.5mg	7/50			
f	TR205	45.6mg	260.mg	0/50	9.80mg	0/50	19.6mg	4/50	24.5mg	6/50			
g	TR205	9.60mg	n.s.s.	42/50	9.80mg	36/50	19.6mg	45/50	24.5mg	31/50			
h	TR205	13.2mg	35.5mg	3/50	9.80mg	0/50	19.6mg	24/50	24.5mg	17/50		liv:hpa,hpc,nnd.	
4772	TR205	5.00mg	9.96mg	2/50	7.80mg	18/50	15.7mg	43/50	19.6mg	43/50		liv:hpc,nnd; thy:fca,fcc.C	
a	TR205	5.38mg	10.3mg	1/50	7.80mg	13/50	15.7mg	41/50	19.6mg	39/50		liv:hpc,nnd.	
b	TR205	11.1mg	23.7mg	0/50	7.80mg	4/50	15.7mg	23/50	19.6mg	22/50			
c	TR205	12.2mg	30.1mg	1/50	7.80mg	6/50	15.7mg	17/50	19.6mg	28/50			
d	TR205	14.7mg	50.7mg	1/50	7.80mg	9/50	15.7mg	18/50	19.6mg	17/50		thy:fca,fcc.	
e	TR205	20.6mg	63.2mg	0/50	7.80mg	5/50	15.7mg	9/50	19.6mg	15/50			
f	TR205	27.0mg	143.mg	1/50	7.80mg	1/50	15.7mg	8/50	19.6mg	13/50			
g	TR205	15.2mg	n.s.s.	45/50	7.80mg	38/50	15.7mg	48/50	19.6mg	46/50			
h	TR205	5.38mg	10.3mg	1/50	7.80mg	13/50	15.7mg	41/50	19.6mg	39/50		liv:hpa,hpc,nnd.	
N-OXYDIETHYLENE THIOCARBAMYL-N-OXYDIETHYLENE SULFENAMIDE (OTOS)		13752-51-7											
4773	1765m	.351mg	n.s.s.	0/10	1.00mg	0/10	3.00mg	0/10	10.0mg	0/10	30.0mg	0/10	Hinderer;txap,82,521-531; 1986/pers.comm.
4774	1765n	54.0mg	200.mg	0/50	1.00mg	0/50	3.00mg	0/50	10.0mg	0/50	30.0mg	16/50	
a	1765n	93.4mg	604.mg	0/50	1.00mg	0/50	3.00mg	0/50	10.0mg	0/50	30.0mg	8/50	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code
b	1765n	128.mg	1.44gm	0/50	1.00mg	0/50	3.00mg	0/50	10.0mg	0/50	30.0mg	5/50		
c	1765n	173.mg	10.6gm	0/50	1.00mg	0/50	3.00mg	0/50	10.0mg	0/50	30.0mg	3/50		
d	1765n	173.mg	10.6gm	0/50	1.00mg	0/50	3.00mg	0/50	10.0mg	0/50	30.0mg	3/50		
e	1765n	173.mg	10.6gm	0/50	1.00mg	0/50	3.00mg	0/50	10.0mg	0/50	30.0mg	3/50		
f	1765n	212.mg	n.s.s.	0/50	1.00mg	0/50	3.00mg	0/50	10.0mg	0/50	30.0mg	2/50		
g	1765n	212.mg	n.s.s.	0/50	1.00mg	0/50	3.00mg	0/50	10.0mg	0/50	30.0mg	2/50		
h	1765n	283.mg	n.s.s.	0/50	1.00mg	0/50	3.00mg	0/50	10.0mg	0/50	30.0mg	1/50		
i	1765n	283.mg	n.s.s.	0/50	1.00mg	0/50	3.00mg	0/50	10.0mg	0/50	30.0mg	1/50		
4775	1765m	.281mg	n.s.s.	0/10	.800mg	0/10	2.40mg	0/10	8.00mg	0/10	24.0mg	0/10		
4776	1765n	46.3mg	189.mg	1/50	.800mg	0/50	2.40mg	0/50	8.00mg	0/50	24.0mg	15/50		
a	1765n	63.4mg	334.mg	0/50	.800mg	0/50	2.40mg	0/50	8.00mg	0/50	24.0mg	10/50		
b	1765n	117.mg	2.03gm	0/50	.800mg	0/50	2.40mg	0/50	8.00mg	0/50	24.0mg	4/50		
c	1765n	138.mg	8.46gm	0/50	.800mg	0/50	2.40mg	0/50	8.00mg	0/50	24.0mg	3/50		
d	1765n	143.mg	n.s.s.	1/50	.800mg	0/50	2.40mg	0/50	8.00mg	0/50	24.0mg	3/50		
e	1765n	170.mg	n.s.s.	0/50	.800mg	0/50	2.40mg	0/50	8.00mg	0/50	24.0mg	2/50		
f	1765n	170.mg	n.s.s.	0/50	.800mg	0/50	2.40mg	0/50	8.00mg	0/50	24.0mg	2/50		
g	1765n	226.mg	n.s.s.	0/50	.800mg	0/50	2.40mg	0/50	8.00mg	0/50	24.0mg	1/50		
h	1765n	226.mg	n.s.s.	0/50	.800mg	0/50	2.40mg	0/50	8.00mg	0/50	24.0mg	1/50		
i	1765n	6.52mg	n.s.s.	1/50	.800mg	0/50	2.40mg	0/50	8.00mg	0/50	24.0mg	0/50		

N-OXYDIETHYLENEBENZOTHAZOLE-2-SULFENAMIDE (amax) 102-77-2

4777	1298	243.mg	n.s.s.	1/17	205.mg	1/18							Innes;ntis,1968/1969	
a	1298	405.mg	n.s.s.	0/17	205.mg	0/18								
b	1298	147.mg	n.s.s.	2/17	205.mg	3/18								
4778	1298	211.mg	n.s.s.	1/18	190.mg	1/17								
a	1298	356.mg	n.s.s.	2/18	190.mg	0/17								
b	1298	250.mg	n.s.s.	3/18	190.mg	1/17								
4779	1298	147.mg	n.s.s.	0/16	205.mg	2/17								
a	1298	201.mg	n.s.s.	0/16	205.mg	1/17								
b	1298	116.mg	n.s.s.	0/16	205.mg	3/17								
4780	1298	108.mg	n.s.s.	0/16	190.mg	3/17								
a	1298	137.mg	n.s.s.	0/16	190.mg	2/17								
b	1298	75.3mg	2.70gm	0/16	190.mg	5/17								

OXYMETHOLONE 434-07-1

4781	TR485	28.6mg	229.mg	0/50	2.14mg	0/50	21.4mg	7/50	(71.4mg	1/50)			liv:hpa,hpc; lun:a/a,a/c; ski:bca,ker,sgc,sgc, sqp. C	
a	TR485	32.3mg	328.mg	0/50	2.14mg	0/50	21.4mg	6/50	(71.4mg	1/50)				
b	TR485	45.8mg	223.mg	1/50	2.14mg	1/50	21.4mg	9/50	71.4mg	15/50			liv:hpa,hpc; lun:a/a,a/c; ski:bca,ker,sgc,sgc, sqp. C	
c	TR485	87.9mg	857.mg	1/50	2.14mg	1/50	21.4mg	1/50	71.4mg	10/50			liv:hpa,hpc.	
d	TR485	99.4mg	1.52gm	0/50	2.14mg	0/50	21.4mg	4/50	71.4mg	5/50			ski:bca,ker,sgc,sgc, sqp.	
e	TR485	105.mg	2.58gm	1/50	2.14mg	1/50	21.4mg	1/50	71.4mg	8/50				
f	TR485	120.mg	n.s.s.	0/50	2.14mg	0/50	21.4mg	4/50	71.4mg	3/50			ski:ker,sgc,sgp. S	
g	TR485	91.5mg	n.s.s.	45/50	2.14mg	45/50	21.4mg	37/50	71.4mg	37/50				
h	TR485	87.9mg	857.mg	1/50	2.14mg	1/50	21.4mg	1/50	71.4mg	10/50			liv:hpa,hpb,hpc.	
4782	TR485	1.91mg	25.7mg	0/51	2.14mg	7/50	(21.4mg	2/50	107.mg	2/51)			sub: fbs, fib.	
a	TR485	57.9mg	n.s.s.	19/51	2.14mg	25/50	21.4mg	21/50	107.mg	29/51			amd: phm, pob.	
b	TR485	57.9mg	n.s.s.	19/51	2.14mg	25/50	21.4mg	21/50	107.mg	29/51				
c	TR485	236.mg	n.s.s.	0/51	2.14mg	1/50	21.4mg	0/50	107.mg	2/51				
d	TR485	295.mg	n.s.s.	0/51	2.14mg	5/50	21.4mg	2/50	107.mg	2/51				
e	TR485	106.mg	n.s.s.	48/51	2.14mg	48/50	21.4mg	44/50	107.mg	40/51				
f	TR485	516.mg	n.s.s.	1/51	2.14mg	2/50	21.4mg	1/50	107.mg	0/51			liv:hpa,hpb,hpc.	
4783	TR485	482.mg	n.s.s.	4/51	2.14mg	13/50	21.4mg	1/50	107.mg	6/51				

OXYTETRACYCLINE.HCl 2058-46-0

4784	TR315	2.12gm	n.s.s.	43/50	811.mg	34/50	1.61gm	36/50						
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	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	TR315	12.4gm	n.s.s.	6/50	811.mg	0/50	1.61gm	2/50			liv:hpa,hpc,nnd.
b	TR315	6.10gm	n.s.s.	3/50	811.mg	3/50	1.61gm	3/50			lun:a/a,a/c.
4785	TR315	1.58gm	n.s.s.	36/50	749.mg	32/50	1.49gm	33/50			
a	TR315	2.37gm	n.s.s.	18/50	749.mg	15/50	1.49gm	17/50			liv:hpa,hpc,nnd.
b	TR315	4.32gm	n.s.s.	10/50	749.mg	9/50	1.49gm	6/50			lun:a/a,a/c.
4786	TR315	8.10gm	n.s.s.	0/50	1.24gm	1/50	2.48gm	3/50			S
a	TR315	1.79gm	n.s.s.	19/50	1.24gm	17/50	2.48gm	30/50			
b	TR315	1.60gm	n.s.s.	49/50	1.24gm	44/50	2.48gm	49/50			
c	TR315	6.17gm	n.s.s.	5/50	1.24gm	4/50	2.48gm	6/50			liv:hpa,hpc,nnd.
4787	TR315	1.91gm	n.s.s.	12/50	990.mg	19/50	1.98gm	24/50			amd:phe,phm.
a	TR315	723.mg	n.s.s.	48/50	990.mg	48/50	(1.98gm)	42/50)			
b	TR315	4.52gm	n.s.s.	6/50	990.mg	5/50	1.98gm	9/50			liv:hpa,hpc,nnd.
OZONE 10028-15-6											
4788	TR440a	.702mg	n.s.s.	3/50	.308mg	3/50	.616mg	11/50			S
a	TR440a	.655mg	n.s.s.	6/50	.308mg	8/50	.616mg	12/50			lun:a/a,a/c.
b	TR440a	.375mg	n.s.s.	48/50	.308mg	49/50	.616mg	47/50			
c	TR440a	.668mg	n.s.s.	27/50	.308mg	28/50	.616mg	21/50			liv:hpa,hpb,hpc.
d	TR440a	.655mg	n.s.s.	6/50	.308mg	8/50	.616mg	12/50			lun:a/a,a/c.
4789	TR440b	.741mg	n.s.s.	6/50	74.0ug	7/50	.308mg	9/50	.617mg	16/50	lun:a/a,a/c.
a	TR440b	1.11mg	n.s.s.	2/50	74.0ug	2/50	.308mg	5/50	.617mg	8/50	S
b	TR440b	2.20mg	n.s.s.	1/50	74.0ug	0/50	.308mg	0/50	.617mg	5/50	S
c	TR440b	.835mg	n.s.s.	47/50	74.0ug	44/50	.308mg	42/50	.617mg	40/50	
d	TR440b	.132mg	n.s.s.	27/50	74.0ug	22/50	(.308mg)	20/50	.617mg	11/50)	liv:hpa,hpb,hpc.
e	TR440b	.741mg	n.s.s.	6/50	74.0ug	7/50	.308mg	9/50	.617mg	16/50	lun:a/a,a/c.
4790	TR440a	.293mg	n.s.s.	8/50	.257mg	15/50	.513mg	18/50			S
a	TR440a	.318mg	n.s.s.	16/50	.257mg	22/50	.513mg	21/50			lun:a/a,a/c.
b	TR440a	.282mg	n.s.s.	43/50	.257mg	50/50	.513mg	42/50			
c	TR440a	.365mg	n.s.s.	31/50	.257mg	34/50	.513mg	31/50			liv:hpa,hpb,hpc.
d	TR440a	.318mg	n.s.s.	16/50	.257mg	22/50	.513mg	21/50			lun:a/a,a/c.
4791	TR440b	.118mg	n.s.s.	0/50	61.7ug	5/50	(.257mg)	1/50	.514mg	0/50)	liv:hes; mey:hes; spl:hes. S
a	TR440b	.340mg	n.s.s.	14/50	61.7ug	13/50	.257mg	18/50	.514mg	19/50	lun:a/a,a/c.
b	TR440b	.246mg	n.s.s.	39/50	61.7ug	43/50	.257mg	42/50	.514mg	40/50	
c	TR440b	.376mg	n.s.s.	30/50	61.7ug	27/50	.257mg	29/50	.514mg	29/50	liv:hpa,hpb,hpc.
d	TR440b	.340mg	n.s.s.	14/50	61.7ug	13/50	.257mg	18/50	.514mg	19/50	lun:a/a,a/c.
4792	TR440a	86.8ug	n.s.s.	49/56	73.5ug	48/56	.147mg	50/56			
a	TR440a	n.s.s.	n.s.s.	0/56	73.5ug	0/56	.147mg	0/56			liv:hpa,hpb,hpc.
4793	TR440b	92.5ug	n.s.s.	48/56	17.6ug	48/56	73.5ug	48/56	.147mg	46/56	
a	TR440b	1.47mg	n.s.s.	0/56	17.6ug	1/56	73.5ug	0/56	.147mg	0/56	liv:hpa,hpb,hpc.
4794	TR440a	15.9ug	n.s.s.	50/56	51.4ug	47/56	(.103mg)	49/56)			
a	TR440a	.164mg	n.s.s.	1/56	51.4ug	1/56	.103mg	2/56			liv:hpa,hpb,hpc.
4795	TR440b	5.62ug	.729mg	2/56	12.3ug	11/56	(51.4ug)	4/56	.103mg	2/56)	thy:cca,ccr. S
a	TR440b	5.78ug	n.s.s.	1/56	12.3ug	8/56	(51.4ug)	2/56	.103mg	1/56)	S
b	TR440b	35.5ug	n.s.s.	49/56	12.3ug	49/56	51.4ug	49/56	.103mg	49/56	
c	TR440b	.354mg	n.s.s.	2/56	12.3ug	1/56	51.4ug	1/56	.103mg	1/56	liv:hpa,hpb,hpc.
4796	2160	33.1ug	n.s.s.	0/15	30.0ug	1/15					Ito;extp,46,1-6;1994
4797	2317	48.2ug	n.s.s.	0/35	6.50ug	0/36					Ichinose;txcy,74,173-184;1992
PALONIDIPINE.HCl (TC-81) 96515-74-1											
4798	2440	4.77mg	n.s.s.	0/50	.670mg	0/50	2.00mg	0/50	6.00mg	0/50	Hamada;clnr,26,3075-3096;1992
4799	2440	9.51mg	n.s.s.	18/50	.670mg	22/50	2.00mg	28/50	6.00mg	19/50	
a	2440	51.5mg	n.s.s.	2/50	.670mg	2/50	2.00mg	3/50	6.00mg	0/50	
PARATHION 56-38-2											
4800	TR70	33.0mg	n.s.s.	3/10	9.40mg	12/50	18.5mg	9/50			
a	TR70	107.mg	n.s.s.	1/10	9.40mg	1/50	18.5mg	1/50			liv:hpa,hpc,nnd.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR70	94.0mg	n.s.s.	1/10	9.40mg	0/50	18.5mg	2/50		lun:a/a,a/c.
4801	TR70	12.6mg	n.s.s.	2/10	7.70mg	14/50	13.2mg	12/50		
a	TR70	19.6mg	n.s.s.	2/10	7.70mg	6/50	13.2mg	9/50		liv:hpa,hpc,nnd.
b	TR70	23.8mg	n.s.s.	0/10	7.70mg	3/50	13.2mg	5/50		lun:a/a,a/c.
4802	TR70	1.57mg	n.s.s.	10/10	.820mg	34/50	1.60mg	32/50		
a	TR70	5.67mg	n.s.s.	0/10	.820mg	1/50	1.60mg	3/50		liv:hpa,hpc,nnd.
4803	TR70	.947mg	16.4mg	9/90p	.820mg	16/50	(1.60mg	8/50)		S
a	TR70	2.01mg	15.0mg	4/90p	.820mg	6/50	1.60mg	13/50		adr:coa,coc.
b	TR70	2.48mg	38.8mg	4/90p	.820mg	4/50	1.60mg	11/50		
4804	TR70	1.03mg	n.s.s.	5/10	.900mg	25/50	1.80mg	35/50		
a	TR70	6.12mg	n.s.s.	0/10	.900mg	0/50	1.80mg	4/50		liv:hpa,hpc,nnd.
4805	TR70	2.54mg	54.3mg	3/90p	.900mg	7/50	1.80mg	11/50		adr:coa,coc.
a	TR70	2.99mg	111.mg	2/90p	.900mg	5/50	1.80mg	9/50		
b	TR70	6.62mg	n.s.s.	0/90p	.900mg	1/50	1.80mg	3/50		S
PATULIN 149-29-1										
4806	393	7.80mg	n.s.s.	1/50	.316mg	0/50			Osswald;fctx,16,243-247;1978	
a	393	.809mg	n.s.s.	42/50	.316mg	37/50				
b	393	1.23mg	n.s.s.	29/50	.316mg	25/50				
c	393	1.80mg	n.s.s.	13/50	.316mg	12/50				
PENICILLIN VK 132-98-9										
4807	TR336	754.mg	n.s.s.	38/50	357.mg	26/50	714.mg	30/50		
a	TR336	1.66gm	n.s.s.	3/50	357.mg	4/50	714.mg	4/50		liv:hpa,hpc,nnd.
b	TR336	2.19gm	n.s.s.	4/50	357.mg	1/50	714.mg	5/50		lun:a/a,a/c.
4808	TR336	719.mg	n.s.s.	36/50	357.mg	35/50	714.mg	29/50		
a	TR336	657.mg	n.s.s.	19/50	357.mg	18/50	(714.mg	8/50)		liv:hpa,hpc,nnd.
b	TR336	1.81gm	n.s.s.	10/50	357.mg	9/50	714.mg	6/50		lun:a/a,a/c.
4809	TR336	576.mg	n.s.s.	6/50	354.mg	7/50	707.mg	11/50		thy:cca,ccr. S
a	TR336	638.mg	n.s.s.	6/50	354.mg	6/50	707.mg	10/50		S
b	TR336	1.25gm	n.s.s.	0/50	354.mg	1/50	707.mg	3/50		S
c	TR336	197.mg	n.s.s.	44/50	354.mg	45/50	707.mg	38/50		
d	TR336	n.s.s.	n.s.s.	0/50	354.mg	1/50	707.mg	0/50		liv:hpa,hpc,nnd.
4810	TR336	390.mg	n.s.s.	10/50	354.mg	11/50	707.mg	14/50		pta:adn,can. S
a	TR336	406.mg	n.s.s.	10/50	354.mg	11/50	707.mg	13/50		S
b	TR336	210.mg	n.s.s.	42/50	354.mg	40/50	707.mg	31/50		
c	TR336	1.99gm	n.s.s.	0/50	354.mg	1/50	707.mg	0/50		liv:hpa,hpc,nnd.
PENTACHLOROANISOLE 1825-21-4										
4811	TR414	11.7mg	n.s.s.	32/50	14.1mg	31/50	28.2mg	30/50		
a	TR414	19.8mg	n.s.s.	11/50	14.1mg	10/50	28.2mg	14/50		liv:hpa,hpc,nnd.
b	TR414	66.1mg	n.s.s.	2/50	14.1mg	2/50	28.2mg	2/50		lun:a/a,a/c.
4812	TR414	21.8mg	124.mg	2/50	14.1mg	11/50	28.3mg	16/50		amd:pob; liv:hes. P
a	TR414	38.5mg	189.mg	0/50	14.1mg	4/50	28.3mg	7/50		
b	TR414	32.6mg	n.s.s.	2/50	14.1mg	8/50	28.3mg	10/50		
c	TR414	11.9mg	n.s.s.	38/50	14.1mg	47/50	28.3mg	46/50		
d	TR414	25.8mg	n.s.s.	26/50	14.1mg	34/50	28.3mg	24/50		liv:hpa,hpc,nnd.
e	TR414	50.9mg	n.s.s.	11/50	14.1mg	12/50	28.3mg	8/50		lun:a/a,a/c.
4813	TR414	50.8mg	n.s.s.	3/50	14.0mg	7/50	28.2mg	9/50		
a	TR414	14.7mg	n.s.s.	45/50	14.0mg	41/50	(28.2mg	41/50)		
b	TR414	192.mg	n.s.s.	0/50	14.0mg	0/50	28.2mg	1/50		liv:hpa,hpc,nnd.
4814	TR414	10.8mg	n.s.s.	12/50	6.99mg	17/50	14.0mg	23/50	28.2mg	15/50
a	TR414	11.5mg	n.s.s.	15/50	6.99mg	18/50	14.0mg	25/50	28.2mg	15/50
b	TR414	15.0mg	n.s.s.	47/50	6.99mg	49/50	14.0mg	44/50	28.2mg	23/50
c	TR414	86.3mg	n.s.s.	0/50	6.99mg	1/50	14.0mg	1/50	28.2mg	0/50

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
PENTACHLOROETHANE (pentalin) 76-01-7										
4815	TR232	24.0mg	68.0mg	3/50	177.mg	36/50	357.mg	32/50		liv:hpa,hpc.
a	TR232	38.3mg	118.mg	1/50	177.mg	28/50	357.mg	13/50		
b	TR232	69.1mg	367.mg	2/50	177.mg	8/50	357.mg	19/50		
c	TR232	24.1mg	69.1mg	22/50	177.mg	38/50	357.mg	33/50		
d	TR232	24.0mg	68.0mg	3/50	177.mg	36/50	357.mg	32/50	liv:hpa,hpc,nnd.	
e	TR232	193.mg	n.s.s.	4/50	177.mg	0/50	357.mg	3/50	lun:a/a,a/c.	
4816	TR232	59.1mg	234.mg	4/50	177.mg	26/50	357.mg	7/50		liv:hpa,hpc. S
a	TR232	58.4mg	304.mg	14/50	177.mg	30/50	357.mg	14/50		
b	TR232	46.5mg	278.mg	20/50	177.mg	38/50	357.mg	14/50		
c	TR232	58.4mg	304.mg	14/50	177.mg	30/50	357.mg	14/50	liv:hpa,hpc,nnd.	
d	TR232	389.mg	n.s.s.	6/50	177.mg	5/50	357.mg	0/50	lun:a/a,a/c.	
4817	TR232	79.4mg	n.s.s.	37/50	53.1mg	36/50	106.mg	26/50		
a	TR232	409.mg	n.s.s.	1/50	53.1mg	3/50	106.mg	0/50	liv:hpa,hpc,nnd.	
4818	TR232	240.mg	14.6gm	0/50	53.1mg	1/50	106.mg	4/50		kid:tla,uac.
a	TR232	229.mg	n.s.s.	1/50	53.1mg	2/50	106.mg	4/50		
b	TR232	107.mg	n.s.s.	36/50	53.1mg	26/50	106.mg	22/50		
c	TR232	500.mg	n.s.s.	2/50	53.1mg	1/50	106.mg	1/50	liv:hpa,hpc,nnd.	
PENTACHLORONITROBENZENE (PCNB) 82-68-8										
4819	TR325	770.mg	n.s.s.	1/50	322.mg	4/50	644.mg	4/50		S
a	TR325	881.mg	n.s.s.	0/50	322.mg	3/50	644.mg	2/50	mln:mlm; mul:mlm.	S
b	TR325	284.mg	n.s.s.	27/50	322.mg	24/50	644.mg	21/50		
c	TR325	720.mg	n.s.s.	3/50	322.mg	4/50	644.mg	4/50	liv:hpa,hpc,nnd.	
d	TR325	896.mg	n.s.s.	3/50	322.mg	4/50	644.mg	4/50	lun:a/a,a/c.	
4820	TR61	1.22gm	n.s.s.	2/20	446.mg	5/50	893.mg	10/50		
a	TR61	2.93gm	n.s.s.	0/20	446.mg	0/50	893.mg	3/50	liv:hpa,hpc,nnd.	
b	TR61	5.00gm	n.s.s.	0/20	446.mg	0/50	893.mg	1/50	lun:a/a,a/c.	
4821	1101	86.7mg	n.s.s.	0/16	169.mg	4/18			Innes;ntis,1968/1969	
a	1101	180.mg	n.s.s.	0/16	169.mg	1/18				
b	1101	73.4mg	4.27gm	0/16	169.mg	5/18				
4822	TR325	527.mg	n.s.s.	31/50	297.mg	34/50	594.mg	29/50		
a	TR325	804.mg	n.s.s.	17/50	297.mg	18/50	594.mg	16/50	liv:hpa,hpc,nnd.	
b	TR325	1.90gm	n.s.s.	9/50	297.mg	4/50	594.mg	6/50	lun:a/a,a/c.	
4823	TR61	498.mg	n.s.s.	6/20	265.mg	11/50	530.mg	12/50		
a	TR61	669.mg	n.s.s.	2/20	265.mg	8/50	530.mg	4/50	liv:hpa,hpc,nnd.	
b	TR61	n.s.s.	n.s.s.	0/20	265.mg	0/50	530.mg	0/50	lun:a/a,a/c.	
4824	1101	123.mg	n.s.s.	0/16	157.mg	2/18			Innes;ntis,1968/1969	
a	1101	123.mg	n.s.s.	0/16	157.mg	2/18				
b	1101	68.4mg	3.98gm	0/16	157.mg	5/18				
4825	1101	170.mg	n.s.s.	0/17	169.mg	1/17				
a	1101	324.mg	n.s.s.	1/17	169.mg	0/17				
b	1101	152.mg	n.s.s.	2/17	169.mg	2/17				
4826	1101	32.2mg	264.mg	1/18	157.mg	10/17				
a	1101	198.mg	n.s.s.	2/18	157.mg	1/17				
b	1101	29.4mg	544.mg	3/18	157.mg	11/17				
4827	TR61	322.mg	n.s.s.	14/20	272.mg	34/50	(514.mg)	20/50)		
a	TR61	n.s.s.	n.s.s.	0/20	272.mg	0/50	514.mg	0/50	liv:hpa,hpc,nnd.	
4828	TR61	409.mg	n.s.s.	8/20	152.mg	20/50	280.mg	18/50		
a	TR61	1.67gm	n.s.s.	0/20	152.mg	1/50	280.mg	0/50	liv:hpa,hpc,nnd.	
2,3,4,5,6-PENTACHLOROPHENOL (Dowicide EC-7) 87-86-5										
4829	TR349	19.4mg	47.8mg	1/35	12.8mg	6/50	25.6mg	9/50	76.9mg	42/50
a	TR349	24.4mg	71.6mg	1/35	12.8mg	4/50	25.6mg	6/50	76.9mg	31/50
b	TR349	25.7mg	61.2mg	0/35	12.8mg	2/50	25.6mg	2/50	76.9mg	38/50
c	TR349	26.6mg	64.0mg	0/35	12.8mg	1/50	25.6mg	2/50	76.9mg	38/50

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
c	TR349	7.30mg	123.mg	7/35	11.8mg	26/50	23.5mg	37/50		liv:hpa,hpc.
d	TR349	7.67mg	n.s.s.	17/35	11.8mg	38/50	23.5mg	45/50		
e	TR349	7.30mg	123.mg	7/35	11.8mg	26/50	23.5mg	37/50		liv:hpa,hpc,nnd.
f	TR349	36.5mg	n.s.s.	2/35	11.8mg	2/50	23.5mg	6/50		lun:a/a,a/c.
4844	2038	5.07mg	55.4mg	0/10	25.0mg	6/10			Mirvish;jtxe,32,59-74;1991/pers.comm.	
a	2038	3.96mg	34.1mg	0/10	25.0mg	7/10				
4845	2038	6.93mg	n.s.s.	0/5	20.0mg	1/5				

PENTAERYTHRITOL TETRANITRATE WITH 80% D-LACTOSE MONOHYDRATE (PETN, NF) 78-11-5

4846	TR365	9.43gm	n.s.s.	37/50	3.19gm	29/50	6.38gm	28/50		
a	TR365	13.6gm	n.s.s.	6/50	3.19gm	2/50	(6.38gm	1/50)		liv:hpa,hpc,nnd.
b	TR365	17.0gm	n.s.s.	3/50	3.19gm	3/50	6.38gm	5/50		lun:a/a,a/c.
4847	TR365	10.4gm	n.s.s.	36/50	2.94gm	28/50	5.89gm	32/50		
a	TR365	14.5gm	n.s.s.	11/50	2.94gm	11/50	5.89gm	11/50		liv:hpa,hpc,nnd.
b	TR365	9.00gm	n.s.s.	11/50	2.94gm	8/50	(5.89gm	7/50)		lun:a/a,a/c.
4848	TR365	1.66gm	n.s.s.	0/50	304.mg	1/50	616.mg	3/50		zym:ade,car.
a	TR365	1.71gm	n.s.s.	0/50	304.mg	0/50	616.mg	3/50		thy:fca,fcc. S
b	TR365	2.72gm	n.s.s.	0/50	304.mg	0/50	616.mg	2/50		
c	TR365	2.10gm	n.s.s.	0/50	304.mg	1/50	616.mg	1/50		
d	TR365	182.mg	n.s.s.	46/50	304.mg	47/50	616.mg	50/50		
e	TR365	n.s.s.	n.s.s.	0/50	304.mg	0/50	616.mg	0/50		liv:hpa,hpc,nnd.
4849	TR365	4.24gm	n.s.s.	0/50	981.mg	2/50	1.97gm	3/50		S
a	TR365	4.84gm	n.s.s.	0/50	981.mg	3/50	1.97gm	2/50		zym:ade,car.
b	TR365	7.00gm	n.s.s.	0/50	981.mg	2/50	1.97gm	2/50		
c	TR365	n.s.s.	n.s.s.	0/50	981.mg	1/50	1.97gm	0/50		
d	TR365	1.02gm	n.s.s.	47/50	981.mg	43/50	1.97gm	48/50		
e	TR365	11.4gm	n.s.s.	3/50	981.mg	0/50	1.97gm	1/50		liv:hpa,hpc,nnd.

PENTANAL METHYLFORMYLHYDRAZONE 57590-20-2

4850	1859	1.80mg	6.98mg	13/50	2.58mg	36/48			Toth;myco,98,83-89;1987/pers.comm.	
a	1859	2.94mg	22.1mg	12/50	2.58mg	28/48				
b	1859	4.88mg	26.7mg	2/50	2.58mg	16/48				
c	1859	5.31mg	52.3mg	0/23	2.58mg	8/32				
4851	1859	2.04mg	11.7mg	11/41	2.77mg	30/44				
a	1859	2.84mg	23.2mg	8/41	2.77mg	24/44				
b	1859	6.61mg	193.mg	0/27	2.77mg	6/34				
c	1859	4.82mg	n.s.s.	5/41	2.77mg	15/44				
d	1859	7.52mg	n.s.s.	0/27	2.77mg	5/34				
e	1859	5.38mg	n.s.s.	0/8	2.77mg	1/11				
f	1859	17.2mg	n.s.s.	0/27	2.77mg	1/34				

N-PENTYL-N'-NITRO-N-NITROSOGUANIDINE 13010-10-1

4852	1082	1.60mg	n.s.s.	0/9	2.30mg	0/6			Matsukura;gann,70,181-185;1979	
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n-PENTYLHYDRAZINE.HCl 1119-68-2

4853	36	3.54mg	11.2mg	21/100	12.5mg	38/50			Shimizu;bjca,31,492-496;1975	
a	36	4.69mg	16.3mg	18/100	12.5mg	33/50				
b	36	10.0mg	45.4mg	4/100	12.5mg	17/50				
c	36	15.6mg	245.mg	5/100	12.5mg	11/50				
d	36	24.4mg	n.s.s.	3/100	12.5mg	6/50				
e	36	26.9mg	n.s.s.	2/100	12.5mg	5/50				
f	36	39.3mg	n.s.s.	3/100	12.5mg	3/50				
4854	36	11.6mg	n.s.s.	15/100	10.4mg	15/50				
a	36	12.8mg	n.s.s.	23/100	10.4mg	16/50				
b	36	19.8mg	n.s.s.	6/100	10.4mg	7/50				
c	36	31.1mg	n.s.s.	6/100	10.4mg	4/50				

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
PEPPERMINT OIL 8006-90-4									
4855	710	21.1mg	n.s.s.	102/240	2.64mg	19/51	10.5mg	20/49	Roe;jept,2,799-819;1979
a	710	25.3mg	n.s.s.	69/240	2.64mg	13/51	10.5mg	14/49	
b	710	11.0mg	n.s.s.	170/240	2.64mg	37/51	10.5mg	34/49	
c	710	17.3mg	n.s.s.	75/240	2.64mg	20/51	10.5mg	17/49	
PERHEXILINE MALEATE (2-(2-DICYCLOHEXYLETHYL) PIPERIDINE MALEATE) 6724-53-4									
4856	2404m	23.6mg	n.s.s.	0/16	50.0mg	0/16	100.mg	0/16	200.mg 0/16
4857	2404n	12.6mg	n.s.s.	0/8	46.2mg	0/8	92.3mg	0/8	185.mg 0/8
4858	2404m	23.6mg	n.s.s.	0/16	50.0mg	0/16	100.mg	0/16	200.mg 0/16
4859	2404n	12.6mg	n.s.s.	0/8	46.2mg	0/8	92.3mg	0/8	185.mg 0/8
PETASITENINE 60102-37-6									
4860	427	.477mg	9.69mg	0/9	5.71mg	4/6			Hirono;jnci,58,1155-1157;1977
a	427	.477mg	9.69mg	0/9	5.71mg	4/6			
b	427	.994mg	n.s.s.	0/9	5.71mg	2/6			
4861	427	.183mg	3.71mg	0/10	5.00mg	4/5			
a	427	.324mg	13.1mg	0/10	5.00mg	3/5			
b	427	.770mg	n.s.s.	0/10	5.00mg	1/5			
PHENACETIN 62-44-2									
4862	1501	2.60gm	n.s.s.	7/48	720.mg	6/50	1.50gm	14/49	Nakanishi;ijcn,29,439-444;1982
a	1501	9.10gm	n.s.s.	0/48	720.mg	0/50	1.50gm	2/49	
b	1501	9.10gm	n.s.s.	0/48	720.mg	0/50	1.50gm	2/49	
c	1501	3.23gm	n.s.s.	3/48	720.mg	6/50	1.50gm	8/49	
d	1501	4.15gm	n.s.s.	2/48	720.mg	5/50	1.50gm	5/49	
e	1501	6.97gm	n.s.s.	1/48	720.mg	1/50	1.50gm	3/49	
f	1501	6.28gm	n.s.s.	2/48	720.mg	3/50	1.50gm	3/49	
4863	1501	754.mg	1.69gm	0/48	665.mg	11/48	1.38gm	32/48	
a	1501	1.90gm	41.0gm	3/48	665.mg	8/48	1.38gm	13/48	
b	1501	2.20gm	8.53gm	0/48	665.mg	1/48	1.38gm	14/48	
c	1501	1.87gm	n.s.s.	8/48	665.mg	14/48	1.38gm	14/48	
d	1501	1.39gm	n.s.s.	10/48	665.mg	11/48	(1.38gm	3/48)	
e	1501	10.5gm	n.s.s.	4/48	665.mg	1/48	1.38gm	2/48	
f	1501	4.58gm	n.s.s.	14/48	665.mg	10/48	1.38gm	10/48	
4864	1028	848.mg	n.s.s.	0/36	268.mg	0/37	754.mg	0/41	Macklin;dact,3,135-163;1980
4865	1028	2.11gm	n.s.s.	0/35	268.mg	0/40	754.mg	1/32	
4866	708	1.45gm	5.32gm	0/65	469.mg	6/50	938.mg	11/50	Isaka;gann,70,29-36;1979
a	708	1.52gm	5.79gm	0/65	469.mg	5/50	938.mg	11/50	
b	708	3.15gm	58.5gm	0/65	469.mg	1/50	938.mg	5/50	
c	708	4.05gm	n.s.s.	0/65	469.mg	0/50	938.mg	4/50	
d	708	5.85gm	n.s.s.	0/65	469.mg	0/50	938.mg	2/50	
e	708	5.87gm	n.s.s.	0/65	469.mg	1/50	938.mg	1/50	
f	708	7.82gm	n.s.s.	0/65	469.mg	1/50	938.mg	0/50	
g	708	3.22gm	n.s.s.	0/65	469.mg	0/50	938.mg	0/50	
h	708	728.mg	2.89gm	6/65	469.mg	19/50	938.mg	21/50	
4867	1449	451.mg	n.s.s.	1/30	268.mg	5/30			Johansson;apms,84,375-383;1976
a	1449	494.mg	n.s.s.	0/30	268.mg	4/30			
4868	708	503.mg	1.15gm	0/65	375.mg	17/50	750.mg	23/50	Isaka;gann,70,29-36;1979
a	708	1.30gm	6.32gm	0/65	375.mg	8/50	750.mg	7/50	
b	708	1.30gm	6.32gm	0/65	375.mg	8/50	750.mg	7/50	
c	708	1.43gm	6.12gm	0/65	375.mg	1/50	750.mg	12/50	
d	708	1.91gm	13.5gm	0/65	375.mg	2/50	750.mg	7/50	
e	708	2.86gm	n.s.s.	0/65	375.mg	3/50	750.mg	2/50	
f	708	6.24gm	n.s.s.	0/65	375.mg	0/50	750.mg	1/50	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
g	708	2.58gm	n.s.s.	0/65	375.mg	0/50	750.mg	0/50			
h	708	432.mg	990.mg	1/65	375.mg	20/50	750.mg	26/50			
4869	1459	447.mg	n.s.s.	0/30	214.mg	4/30			Johansson;ijcn,27,521-529;1981		
a	1459	661.mg	n.s.s.	0/30	214.mg	2/30					
b	1459	435.mg	n.s.s.	2/30	214.mg	5/30					
c	1459	891.mg	n.s.s.	0/30	214.mg	1/30					
d	1459	891.mg	n.s.s.	0/30	214.mg	1/30					
4870	1740	1.86gm	n.s.s.	0/30	500.mg	0/41			Kunze;zkko,105,38-47;1983		
PHENAZONE 60-80-0											
4871	1459	425.mg	n.s.s.	0/30	214.mg	4/30			Johansson;ijcn,27,521-529;1981		
a	1459	628.mg	n.s.s.	0/30	214.mg	2/30					
b	1459	413.mg	n.s.s.	2/30	214.mg	5/30					
4872	2211	821.mg	n.s.s.	0/30	214.mg	0/26			Johansson;carc,9,783-787;1988		
a	2211	821.mg	n.s.s.	0/30	214.mg	0/26					
b	2211	821.mg	n.s.s.	0/30	214.mg	0/26					
PHENAZOPYRIDINE.HCl 136-40-3											
4873	TR99	38.0mg	991.mg	2/15	41.6mg	11/35	84.5mg	19/35		liv:hpa,hpc.	
a	TR99	61.6mg	n.s.s.	2/15	41.6mg	6/35	84.5mg	14/35			
b	TR99	34.1mg	n.s.s.	8/15	41.6mg	20/35	84.5mg	27/35			
c	TR99	38.0mg	991.mg	2/15	41.6mg	11/35	84.5mg	19/35		liv:hpa,hpc,nnd.	
d	TR99	252.mg	n.s.s.	1/15	41.6mg	1/35	84.5mg	2/35		lun:a/a,a/c.	
4874	TR99	51.8mg	n.s.s.	7/15	39.6mg	17/35	78.0mg	20/35			
a	TR99	62.1mg	n.s.s.	5/15	39.6mg	15/35	78.0mg	15/35		liv:hpa,hpc,nnd.	
b	TR99	144.mg	n.s.s.	1/15	39.6mg	4/35	78.0mg	4/35		lun:a/a,a/c.	
4875	TR99	311.mg	n.s.s.	0/15	98.0mg	3/34	199.mg	5/35			
a	TR99	232.mg	n.s.s.	5/15	98.0mg	10/34	199.mg	13/35		liv:hpa,hpc,nnd.	
b	TR99	n.s.s.	n.s.s.	0/15	98.0mg	0/34	199.mg	0/35			
4876	TR99	160.mg	43.4gm	0/15	78.4mg	4/35	161.mg	9/35		col:acn,adn; rec:acn.	
a	TR99	172.mg	n.s.s.	0/15	78.4mg	4/35	161.mg	8/35		col:acn; rec:acn.	
b	TR99	210.mg	n.s.s.	9/15	78.4mg	19/35	161.mg	14/35			
c	TR99	535.mg	n.s.s.	0/15	78.4mg	1/35	161.mg	1/35		liv:hpa,hpc,nnd.	
PHENESTERIN 3546-10-9											
4877	TR60	.103mg	.440mg	7/35	3.00mg	30/40	5.40mg	16/35	10.8mg	21/35	---:leu,lym; lun:a/a,a/c; myc:srn. C
a	TR60	.152mg	1.25mg	2/35	3.00mg	15/40	5.40mg	1/35	10.8mg	1/35	lun:a/a,a/c.
b	TR60	.288mg	1.65mg	5/35	3.00mg	12/40	5.40mg	14/35	10.8mg	17/35	---:leu,lym.
c	TR60	.273mg	3.43mg	0/35	3.00mg	8/40	5.40mg	0/35	10.8mg	0/35	S
d	TR60	.288mg	2.78mg	0/35	3.00mg	8/40	5.40mg	2/35	10.8mg	3/35	
e	TR60	.465mg	6.27mg	0/35	3.00mg	4/40	5.40mg	1/35	10.8mg	2/35	S
f	TR60	96.1ug	.368mg	11/35	3.00mg	33/40	5.40mg	17/35	10.8mg	21/35	
g	TR60	n.s.s.	n.s.s.	3/35	3.00mg	1/40	5.40mg	0/35	10.8mg	0/35	liv:hpa,hpc,nnd.
h	TR60	.152mg	1.25mg	2/35	3.00mg	15/40	5.40mg	1/35	10.8mg	1/35	lun:a/a,a/c.
4878	TR60	.862mg	3.97mg	0/31p	5.40mg	14/35	10.8mg	17/35		---:leu,lym.	
4879	TR60	.491mg	1.30mg	3/35	3.00mg	25/40	4.10mg	19/35	9.00mg	15/35	---:leu,lym; lun:a/a,a/c; myc:srn. C
a	TR60	.684mg	2.84mg	2/35	3.00mg	18/40	4.10mg	6/35	9.00mg	2/35	lun:a/a,a/c.
b	TR60	1.08mg	5.57mg	0/35	3.00mg	14/40	4.10mg	0/35	9.00mg	0/35	
c	TR60	1.20mg	4.46mg	1/35	3.00mg	11/40	4.10mg	9/35	9.00mg	11/35	---:leu,lym.
d	TR60	1.85mg	11.2mg	0/35	3.00mg	5/40	4.10mg	7/35	9.00mg	2/35	
e	TR60	.446mg	1.43mg	11/35	3.00mg	29/40	4.10mg	20/35	9.00mg	17/35	
f	TR60	2.07mg	n.s.s.	7/35	3.00mg	10/40	4.10mg	2/35	9.00mg	0/35	liv:hpa,hpc,nnd.
g	TR60	.684mg	2.84mg	2/35	3.00mg	18/40	4.10mg	6/35	9.00mg	2/35	lun:a/a,a/c.
4880	TR60	.784mg	4.46mg	0/29p	4.10mg	9/35	9.00mg	11/35		---:leu,lym.	
a	TR60	1.99mg	36.3mg	0/29p	4.10mg	1/35	9.00mg	3/35			
b	TR60	2.64mg	30.5mg	0/29p	4.10mg	7/35	9.00mg	2/35		S	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
4881	TR60	.137mg	.880mg	7/10	1.30mg	28/35	2.60mg	22/35		
a	TR60	n.s.s.	n.s.s.	0/10	1.30mg	0/35	2.60mg	0/35		liv:hpa,hpc,nnd.
4882	TR60	.251mg	1.30mg	1/20p	1.30mg	12/35	2.60mg	12/35		
4883	TR60	.258mg	2.10mg	1/10	1.30mg	18/35	2.60mg	11/35		
a	TR60	n.s.s.	n.s.s.	0/10	1.30mg	0/35	2.60mg	0/35		liv:hpa,hpc,nnd.
4884	TR60	1.07mg	8.49mg	0/20p	1.30mg	2/35	2.60mg	5/35		---:leu,lym. S
PHENETHYL ISOTHIOCYANATE 2257-09-2										
4885	2615	17.2mg	n.s.s.	0/10	50.1mg	0/10	100.mg	0/10	Nishikawa;clet,141,109-115;1999	
a	2615	17.2mg	n.s.s.	0/10	50.1mg	0/10	100.mg	0/10		
4886	2232	18.7mg	n.s.s.	3/16	19.6mg	5/16			Hecht;cebp,5,645-652;1996	
a	2232	23.0mg	n.s.s.	3/16	19.6mg	4/16				
b	2232	39.2mg	n.s.s.	0/16	19.6mg	1/16				
c	2232	51.1mg	n.s.s.	1/15	19.6mg	1/18				
d	2232	74.8mg	n.s.s.	1/16	19.6mg	0/16				
PHENFORMIN.HCL 834-28-6										
4887	TR7	203.mg	n.s.s.	7/15	117.mg	13/35	(244.mg	9/35)		
a	TR7	701.mg	n.s.s.	1/15	117.mg	3/35	244.mg	2/35		liv:hpa,hpc,nnd.
b	TR7	n.s.s.	n.s.s.	0/15	117.mg	0/35	244.mg	0/35		lun:a/a,a/c.
4888	TR7	266.mg	n.s.s.	8/15	108.mg	10/35	226.mg	11/35		
a	TR7	262.mg	n.s.s.	1/15	108.mg	6/35	226.mg	4/35		liv:hpa,hpc,nnd.
b	TR7	376.mg	n.s.s.	1/15	108.mg	4/35	226.mg	1/35		lun:a/a,a/c.
4889	TR7	39.3mg	n.s.s.	14/15	15.0mg	28/35	30.0mg	26/35		
a	TR7	n.s.s.	n.s.s.	0/15	15.0mg	0/35	30.0mg	0/35		liv:hpa,hpc,nnd.
4890	TR7	13.0mg	n.s.s.	7/15	12.0mg	14/35	24.0mg	24/35		
a	TR7	n.s.s.	n.s.s.	0/15	12.0mg	0/35	24.0mg	0/35		liv:hpa,hpc,nnd.
PHENOBARBITAL (phenobarbitone) 50-06-6										
4891	1804	23.7mg	n.s.s.	0/5	46.0mg	0/10			Stenback;jnci,76,327-333;1986	
4892	1477m	n.s.s.	11.5mg	5/16	83.3mg	16/16			Becker;canr,42,3918-3923;1982	
4893	2398	12.3mg	37.4mg	10/46	60.0mg	43/50			Nitta;jtxp,4,55-61;1991/pers.comm.	
a	2398	12.5mg	40.2mg	12/46	60.0mg	43/50				
b	2398	184.mg	n.s.s.	9/46	60.0mg	7/50				
4894	235m	n.s.s.	5.36mg	5/39	65.0mg	29/29			Peraino;jnci,51,1349-1350;1973	
4895	235n	5.45mg	46.2mg	1/16	65.0mg	10/16				
4896	235m	1.52mg	19.0mg	25/37	60.0mg	35/36				
4897	235n	1.56mg	21.4mg	7/17	60.0mg	16/17				
4898	1477n	155.mg	n.s.s.	0/16	83.3mg	0/16			Becker;canr,42,3918-3923;1982	
4899	2084m	80.3mg	n.s.s.	0/25	60.0mg	0/25			Diwan;carc,13,1893-1901;1992	
4900	1582	137.mg	n.s.s.	0/30	100.mg	2/30			Miller;canr,43,1124-1134;1983	
a	1582	210.mg	n.s.s.	1/30	100.mg	1/30				
4901	1477o	n.s.s.	n.s.s.	5/8	83.3mg	8/8			Becker;canr,42,3918-3923;1982	
4902	1477r	n.s.s.	n.s.s.	10/16	83.3mg	16/16				
4903	1992	3.75mg	13.3mg	2/30	60.0mg	24/30			Fullerton;carc,11,1301-1305;1990	
a	1992	4.47mg	14.7mg	0/30	60.0mg	22/30				
b	1992	28.5mg	n.s.s.	2/30	60.0mg	4/30				
c	1992	44.9mg	n.s.s.	2/30	60.0mg	2/30				
4904	1891	2.31mg	38.5mg	42/139	24.0mg	14/21			Mizutani;clet,39,233-237;1988	
4905	1891	n.s.s.	n.s.s.	42/56	24.0mg	31/31				
4906	2227	21.0mg	161.mg	9/29	60.0mg	23/30			Diwan;clet,89,29-35;1995/pers.comm.	
a	2227	21.0mg	161.mg	9/29	60.0mg	23/30				
b	2227	50.1mg	250.mg	0/29	60.0mg	11/30				
c	2227	78.1mg	n.s.s.	1/29	60.0mg	7/30				
4907	2084n	21.1mg	n.s.s.	0/25	60.0mg	4/25			Diwan;carc,13,1893-1901;1992	
4908	1448	25.7mg	n.s.s.	0/10	25.0mg	0/12			Uchida;zkko,100,231-238;1981	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	1448	13.3mg	n.s.s.	0/10	25.0mg	1/12				
4909	1448	20.5mg	n.s.s.	0/10	20.0mg	0/12				
a	1448	15.3mg	n.s.s.	4/10	20.0mg	1/12				
4910	1689	16.1mg	n.s.s.	0/10	28.6mg	1/10			Diwan;jnci,75,1099-1105;1985	
4911	2219	12.5mg	n.s.s.	1/24	24.4mg	3/11			Zavanella;carc,15,2531-2539;1994/pers.comm.	
4912	1689	14.1mg	n.s.s.	0/10	25.0mg	1/10			Diwan;jnci,75,1099-1105;1985	
4913	1690	11.0mg	n.s.s.	0/13	25.0mg	2/12			Diwan;jnci,74,509-516;1985	
4914	1803	38.2mg	n.s.s.	2/28	14.0mg	2/28			Shivapurkar;carc,7,547-550;1986	
4915	1834	20.6mg	n.s.s.	0/20	20.0mg	0/20			Leonard;jnci,79,1313-1319;1987/pers.comm.	
4916	1951	28.8mg	n.s.s.	0/15	20.0mg	0/15			Diwan;carc,10,189-194;1989	
4917	2084m	18.8mg	n.s.s.	0/25	20.0mg	2/25			Diwan;carc,13,1893-1901;1992	
4918	2109	11.0mg	n.s.s.	0/27	20.0mg	2/15			Diwan;artx,66,413-422;1992	
4919	2219	22.7mg	n.s.s.	1/21	19.6mg	1/13			Zavanella;carc,15,2531-2539;1994/pers.comm.	
4920	2322	18.7mg	n.s.s.	0/18	20.0mg	1/18			Diwan;carc,17,37-43;1996	
4921	2535	64.9mg	n.s.s.	0/28	20.0mg	0/28			Allen;carc,18,1103-1107;1997/pers.comm.	
4922	2657	12.3mg	n.s.s.	0/12	20.0mg	1/12			Diwan;ijtx,20,81-87;2001	
4923	2565	25.5mg	n.s.s.	0/10	14.7mg	0/15			Hasegawa;clet,123,185-191;1998/pers.comm.	
4924	1653	6.96mg	n.s.s.	0/12	10.0mg	0/6			Carr;carc,5,1583-1590;1984	
a	1653	6.96mg	n.s.s.	0/12	10.0mg	0/6				
4925	1134	1.25mg	n.s.s.	3/33	.286mg	1/30			Schmahl;zkko,86,77-84;1976	
4926	1134	1.88mg	n.s.s.	1/36	.286mg	0/32				
a	1134	n.s.s.	n.s.s.	1/36	.286mg	1/32				
4927	2155	49.4mg	n.s.s.	0/18	50.0mg	1/28			Kraupp-Grasl;canr,51,666-671;1991/pers.comm.	
a	2155	5.07mg	20.4mg	1/18	50.0mg	20/28				
4928	2659	34.1mg	n.s.s.	0/10	57.1mg	0/10			White;carc,22,553-557;2001	
PHENOBARBITAL, SODIUM (phenobarbitone, sodium) 57-30-7										
4929	2071	62.0mg	n.s.s.	2/22	83.3mg	2/22			Herren-Freund;txap,90,183-189;1987	
a	2071	130.mg	n.s.s.	0/22	83.3mg	0/22				
4930	1772	209.mg	n.s.s.	7/50	95.8mg	6/30			Cavaliere;tumo,72,125-128;1986	
a	1772	789.mg	n.s.s.	0/50	95.8mg	0/30				
b	1772	274.mg	n.s.s.	12/50	95.8mg	6/30				
4931	1772	219.mg	n.s.s.	19/50	83.3mg	8/30				
a	1772	630.mg	n.s.s.	0/50	83.3mg	0/30				
b	1772	246.mg	n.s.s.	22/50	83.3mg	8/30				
4932	2186n	45.2mg	n.s.s.	0/20	85.0mg	2/20			Evans;txpy,20,585-594;1992/pers.comm.	
a	2186n	117.mg	n.s.s.	0/20	85.0mg	0/20				
b	2186n	117.mg	n.s.s.	0/20	85.0mg	0/20				
4933	2186r	24.9mg	n.s.s.	0/5	85.0mg	1/5				
a	2186r	24.9mg	n.s.s.	0/5	85.0mg	1/5				
b	2186r	51.8mg	n.s.s.	0/5	85.0mg	0/5				
4934	2186u	71.3mg	n.s.s.	0/20	51.0mg	2/19				
a	2186u	111.mg	n.s.s.	8/190	51.0mg	1/19				
b	2186u	104.mg	n.s.s.	4/20	51.0mg	2/19				
4935	2186w	37.1mg	203.mg	0/20	85.0mg	10/20				
a	2186w	91.9mg	n.s.s.	4/20	85.0mg	5/20				
b	2186w	640.mg	n.s.s.	8/190	85.0mg	6/125				
4936	89	22.5mg	122.mg	10/44	65.0mg	21/28			Thorpe;fctx,11,433-442;1973	
a	89	60.1mg	352.mg	0/44	65.0mg	9/28				
b	89	175.mg	n.s.s.	27/44	65.0mg	9/28				
4937	237	65.2mg	145.mg	0/47	100.mg	45/73			Ponomarkov;clet,1,165-172;1976	
a	237	338.mg	n.s.s.	15/47	100.mg	21/73				
b	237	93.4mg	n.s.s.	45/47	100.mg	65/73				
4938	89	18.1mg	86.1mg	11/45	60.0mg	24/30			Thorpe;fctx,11,433-442;1973	
a	89	70.9mg	2.46gm	2/45	60.0mg	8/30				
b	89	86.7mg	n.s.s.	27/45	60.0mg	15/30				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
4939	237	41.6mg	109.mg	12/44	83.3mg	77/98									Ponomarkov;clet,1,165-172;1976	
a	237	244.mg	n.s.s.	20/44	83.3mg	40/98										
b	237	33.0mg	n.s.s.	40/44	83.3mg	93/98										
4940	1776m	n.s.s.	22.6mg	0/5	85.0mg	5/5									Evans;carc,7,627-631;1986/pers.comm.	
a	1776m	8.26mg	n.s.s.	1/5	85.0mg	2/5										
b	1776m	24.5mg	n.s.s.	0/5	85.0mg	0/5										
4941	1776n	24.8mg	123.mg	0/30	85.0mg	11/30										
a	1776n	68.8mg	n.s.s.	12/30	85.0mg	8/30										
b	1776n	205.mg	n.s.s.	0/30	85.0mg	0/30										
4942	1776o	18.8mg	51.6mg	0/65	85.0mg	34/41										
a	1776o	143.mg	n.s.s.	24/65	85.0mg	14/41										
b	1776o	493.mg	n.s.s.	5/65	85.0mg	1/41										
4943	2186m	4.00mg	18.4mg	0/20	85.0mg	18/20									Evans;txpy,20,585-594;1992/pers.comm.	
a	2186m	45.2mg	n.s.s.	0/20	85.0mg	2/20										
b	2186m	52.0mg	n.s.s.	10/20	85.0mg	5/20										
4944	2186o	n.s.s.	47.7mg	0/5	85.0mg	5/5										
a	2186o	5.93mg	191.mg	0/5	85.0mg	4/5										
b	2186o	17.1mg	n.s.s.	5/5	85.0mg	3/5										
4945	2186s	3.98mg	21.1mg	0/20	56.0mg	21/22										
a	2186s	80.8mg	n.s.s.	16/20	56.0mg	8/22										
b	2186s	94.8mg	n.s.s.	52/190	56.0mg	4/22										
4946	2186v	n.s.s.	23.8mg	0/20	85.0mg	20/20										
a	2186v	179.mg	n.s.s.	52/190	85.0mg	26/90										
b	2186v	104.mg	n.s.s.	16/20	85.0mg	8/20										
4947	1035	81.4mg	n.s.s.	0/15	50.0mg	1/18									Wislocki;canr,37,1883-1891;1977	
4948	1783	60.5mg	908.mg	1/42	20.0mg	7/42	60.0mg	10/42							Imaida;canr,46,6160-6164;1986	
a	1783	13.7mg	n.s.s.	9/42	20.0mg	19/42	(60.0mg)	11/42)								
4949	1942	35.9mg	n.s.s.	0/15	40.0mg	0/15									Diwan;txap,98,269-277;1989	
4950	2610	100.mg	n.s.s.	0/19	.320mg	1/20	1.20mg	0/20	5.00mg	1/20	20.0mg	0/20			Hagiwara;fctx,37,869-879;1999	
4951	389	33.6mg	177.mg	0/25	39.8mg	11/33									Butler;bjca,37,418-423;1978	
4952	85	48.0mg	287.mg	0/32	28.6mg	9/29									Rossi;ijcn,19,179-185;1977	
a	85	22.5mg	n.s.s.	19/32	28.6mg	22/29										
4953	85	38.9mg	168.mg	0/35	25.0mg	13/36										
a	85	35.8mg	n.s.s.	19/35	25.0mg	22/36										
PHENOL 108-95-2																
4954	TR203	1.71gm	n.s.s.	27/50	491.mg	21/50	981.mg	21/50								
a	TR203	7.62gm	n.s.s.	3/50	491.mg	1/50	981.mg	1/50							liv:hpa,hpc,ndd.	
b	TR203	3.60gm	n.s.s.	1/50	491.mg	3/50	981.mg	2/50							lun:a/a,a/c.	
4955	TR203	1.48gm	n.s.s.	30/50	409.mg	28/50	818.mg	25/50								
a	TR203	523.mg	n.s.s.	14/50	409.mg	19/50	(818.mg)	9/50)							liv:hpa,hpc,ndd.	
b	TR203	1.91gm	n.s.s.	6/50	409.mg	5/50	818.mg	10/50							lun:a/a,a/c.	
4956	TR203	257.mg	n.s.s.	45/50	140.mg	45/50	280.mg	38/50								
a	TR203	866.mg	n.s.s.	4/50	140.mg	1/50	(280.mg)	0/50)							liv:hpa,hpc,ndd.	
4957	TR203	158.mg	5.60gm	0/50	123.mg	5/50	(245.mg)	1/50)								S
a	TR203	57.0mg	n.s.s.	18/50	123.mg	31/50	(245.mg)	25/50)							---:leu,lym.	S
b	TR203	59.1mg	n.s.s.	18/50	123.mg	30/50	(245.mg)	24/50)								S
c	TR203	59.1mg	n.s.s.	18/50	123.mg	30/50	(245.mg)	25/50)								S
d	TR203	189.mg	n.s.s.	40/50	123.mg	44/50	245.mg	38/50								
e	TR203	716.mg	n.s.s.	5/50	123.mg	4/50	245.mg	4/50							liv:hpa,hpc,ndd.	
PHENOLPHTHALEIN 77-09-8																
4958	TR465	296.mg	1.53gm	15/50	388.mg	33/50	777.mg	40/50	(1.55gm)	36/50)					---:hcs,lmt,mly; ova:spb,spc.	C
a	TR465	394.mg	4.88gm	15/50	388.mg	28/50	777.mg	33/50	(1.55gm)	25/50)						
b	TR465	859.mg	8.28gm	1/50	388.mg	9/50	777.mg	10/50	(1.55gm)	7/50)						
c	TR465	1.00gm	8.68gm	0/50	388.mg	7/50	777.mg	6/50	(1.55gm)	5/50)					ova:spb,spc.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
d	TR465	2.27gm	11.7gm	0/50	388.mg	2/50	777.mg	7/50	1.55gm	7/50	
e	TR465	642.mg	n.s.s.	40/50	388.mg	39/50	777.mg	47/50	1.55gm	43/50	
f	TR465	3.96gm	n.s.s.	21/50	388.mg	3/50	777.mg	6/50	(1.55gm)	2/50)	liv:hpa,hpb,hpc.
g	TR465	2.56gm	n.s.s.	6/50	388.mg	5/50	777.mg	6/50	1.55gm	8/50	lun:a/a,a/c.
4959	TR465	689.mg	2.53gm	1/50	359.mg	7/50	719.mg	18/50	(1.44gm)	12/50)	---:hcs,1mt. C
a	TR465	621.mg	16.2gm	0/50	359.mg	5/50	(719.mg)	1/50	1.44gm	1/50)	S
b	TR465	1.57gm	7.81gm	1/50	359.mg	3/50	719.mg	11/50	1.44gm	12/50	
c	TR465	1.37gm	11.1gm	0/50	359.mg	4/50	719.mg	7/50	(1.44gm)	2/50)	
d	TR465	1.07gm	n.s.s.	40/50	359.mg	40/50	719.mg	42/50	1.44gm	38/50	
e	TR465	3.89gm	n.s.s.	27/50	359.mg	20/50	719.mg	11/50	1.44gm	16/50	liv:hpa,hpb,hpc.
f	TR465	1.88gm	n.s.s.	11/50	359.mg	15/50	719.mg	8/50	1.44gm	16/50	lun:a/a,a/c.
4960	2498m	3.38gm	n.s.s.	0/33	2.25gm	1/14					O'Gara;canr,28,2272-2275;1968
a	2498m	2.89gm	n.s.s.	9/33	2.25gm	3/14					
4961	2498n	1.97gm	n.s.s.	2/26	637.mg	0/15					
a	2498n	1.97gm	n.s.s.	0/26	637.mg	0/15					
4962	TR465	1.47gm	n.s.s.	3/50	599.mg	12/50	1.25gm	10/50	(2.50gm)	2/50)	amd:pbb,phm,pob.
a	TR465	1.60gm	n.s.s.	3/50	599.mg	11/50	1.25gm	9/50	(2.50gm)	2/50)	amd:pbb,pob.
b	TR465	1.91gm	n.s.s.	49/50	599.mg	50/50	1.25gm	50/50	2.50gm	49/50	
c	TR465	9.90gm	n.s.s.	0/50	599.mg	3/50	1.25gm	1/50	2.50gm	1/50	liv:hpa,hpb,hpc.
4963	TR465	123.mg	1.42gm	17/50	480.mg	35/50	(999.mg)	34/50	2.00gm	35/50)	amd:pbb,pob; kid:rua,ruc. C
a	TR465	257.mg	5.97gm	17/50	480.mg	34/50	999.mg	34/50	(2.00gm)	34/50)	amd:pbb,pob.
b	TR465	261.mg	8.35gm	18/50	480.mg	35/50	999.mg	35/50	(2.00gm)	35/50)	amd:pbb,phm,pmb,pob. S
c	TR465	1.68gm	35.5gm	0/50	480.mg	5/50	999.mg	3/50	2.00gm	7/50	kid:rua,ruc.
d	TR465	1.97gm	134.gm	0/50	480.mg	4/50	999.mg	2/50	2.00gm	6/50	
e	TR465	2.74gm	n.s.s.	0/50	480.mg	1/50	999.mg	2/50	2.00gm	3/50	thy:fab,fca. S
f	TR465	703.mg	n.s.s.	47/50	480.mg	47/50	999.mg	47/50	2.00gm	47/50	
g	TR465	5.67gm	n.s.s.	1/50	480.mg	3/50	999.mg	0/50	2.00gm	2/50	liv:hpa,hpb,hpc.
4964	TR465	609.mg	2.29gm	1/50	480.mg	10/50	999.mg	16/50	2.00gm	16/50	kid:rua,ruc.
a	TR465	641.mg	2.65gm	1/50	480.mg	10/50	999.mg	15/50	2.00gm	15/50	
PHENOTHIAZINE 92-84-2											
4965	1254	87.3mg	n.s.s.	1/17	78.4mg	1/17					Innes;ntis,1968/1969
a	1254	147.mg	n.s.s.	0/17	78.4mg	0/17					
b	1254	68.9mg	n.s.s.	2/17	78.4mg	2/17					
4966	1254	57.3mg	n.s.s.	1/18	73.0mg	2/17					
a	1254	89.8mg	n.s.s.	2/18	73.0mg	1/17					
b	1254	41.9mg	n.s.s.	3/18	73.0mg	4/17					
4967	1254	155.mg	n.s.s.	0/16	78.4mg	0/18					
a	1254	155.mg	n.s.s.	0/16	78.4mg	0/18					
b	1254	155.mg	n.s.s.	0/16	78.4mg	0/18					
4968	1254	67.4mg	n.s.s.	0/16	73.0mg	1/16					
a	1254	129.mg	n.s.s.	0/16	73.0mg	0/16					
b	1254	49.1mg	n.s.s.	0/16	73.0mg	2/16					
PHENOXYBENZAMINE.HCl 63-92-3											
4969	TR72	3.11mg	12.0mg	0/15	3.30mg	0/35	10.3mg	16/35			
a	TR72	1.59mg	8.85mg	5/15	3.30mg	7/35	10.3mg	16/35			
b	TR72	7.21mg	n.s.s.	1/15	3.30mg	1/35	10.3mg	0/35			liv:hpa,hpc,nnd.
c	TR72	7.21mg	n.s.s.	1/15	3.30mg	1/35	10.3mg	0/35			lun:a/a,a/c.
4970	TR72	2.63mg	9.91mg	0/15	3.40mg	0/35	10.7mg	17/35			
a	TR72	1.17mg	4.88mg	3/15	3.40mg	7/35	10.7mg	18/35			
b	TR72	1.98mg	n.s.s.	1/15	3.40mg	6/35	10.7mg	0/35			liv:hpa,hpc,nnd.
c	TR72	3.24mg	n.s.s.	2/15	3.40mg	3/35	10.7mg	0/35			lun:a/a,a/c.
4971	TR72	1.30mg	5.16mg	0/10	1.30mg	0/35	2.70mg	16/35			
a	TR72	.610mg	n.s.s.	5/10	1.30mg	20/35	2.70mg	20/35			
b	TR72	n.s.s.	n.s.s.	0/10	1.30mg	0/35	2.70mg	0/35			liv:hpa,hpc,nnd.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
4972	TR72	.403mg	1.31mg	0/10	1.30mg	11/35	3.80mg	16/35		
a	TR72	.303mg	1.35mg	3/10	1.30mg	15/35	3.80mg	16/35		
b	TR72	n.s.s.	n.s.s.	0/10	1.30mg	0/35	3.80mg	0/35		liv:hpa,hpc,nd.
1-PHENYL-3,3-DIMETHYLTRIAZENE 7227-91-0										
4973	1467	2.65mg	16.1mg	0/120	3.57mg	1/7	7.14mg	8/12	Preussmann;zkko,81,285-310;1974	
a	1467	1.10mg	5.34mg	2/120	3.57mg	4/7	7.14mg	11/12		
PHENYL ISOTHIOCYANATE 103-72-0										
4974	1304	22.5mg	n.s.s.	0/17	21.6mg	1/18			Innes;ntis,1968/1969	
a	1304	25.6mg	n.s.s.	1/17	21.6mg	1/18				
b	1304	10.3mg	n.s.s.	2/17	21.6mg	5/18				
4975	1304	21.4mg	n.s.s.	2/18	20.0mg	1/15				
a	1304	33.1mg	n.s.s.	1/18	20.0mg	0/15				
b	1304	22.9mg	n.s.s.	3/18	20.0mg	1/15				
4976	1304	42.7mg	n.s.s.	0/16	21.6mg	0/18				
a	1304	42.7mg	n.s.s.	0/16	21.6mg	0/18				
b	1304	42.7mg	n.s.s.	0/16	21.6mg	0/18				
4977	1304	20.9mg	n.s.s.	0/16	20.0mg	1/18				
a	1304	20.9mg	n.s.s.	0/16	20.0mg	1/18				
b	1304	12.1mg	n.s.s.	0/16	20.0mg	3/18				
1-PHENYL-3-METHYL-5-PYRAZOLONE 89-25-8										
4978	TR141	2.85gm	n.s.s.	9/20	956.mg	19/50	1.91gm	15/50		
a	TR141	14.2gm	n.s.s.	2/20	956.mg	2/50	1.91gm	0/50	liv:hpa,hpc,nd.	
b	TR141	8.43gm	n.s.s.	1/20	956.mg	3/50	1.91gm	1/50	lun:a/a,a/c.	
4979	TR141	1.38gm	n.s.s.	11/20	883.mg	20/50	(1.77gm	14/50)		
a	TR141	2.85gm	n.s.s.	8/20	883.mg	8/50	(1.77gm	6/50)	liv:hpa,hpc,nd.	
b	TR141	3.62gm	n.s.s.	3/20	883.mg	3/50	(1.77gm	0/50)	lun:a/a,a/c.	
4980	TR141	115.mg	n.s.s.	12/20	123.mg	36/50	(245.mg	25/50)		
a	TR141	n.s.s.	n.s.s.	0/20	123.mg	0/50	245.mg	0/50	liv:hpa,hpc,nd.	
4981	TR141	192.mg	n.s.s.	14/20	98.1mg	32/49	196.mg	31/50		
a	TR141	907.mg	n.s.s.	0/20	98.1mg	1/49	196.mg	1/50	liv:hpa,hpc,nd.	
PHENYL-beta-NAPHTHYLAMINE (agerite powder, N-phenyl-2-naphthylamine) 135-88-6										
4982	1151	202.mg	n.s.s.	0/40	37.5mg	0/40			Green;zkko,95,51-55;1979	
a	1151	202.mg	n.s.s.	0/40	37.5mg	0/40				
b	1151	72.3mg	n.s.s.	8/40	37.5mg	6/40				
4983	1151	202.mg	n.s.s.	0/40	37.5mg	0/40				
a	1151	202.mg	n.s.s.	0/40	37.5mg	0/40				
b	1151	84.5mg	n.s.s.	3/40	37.5mg	3/40				
4984	TR333	2.66gm	n.s.s.	0/50	322.mg	0/50	644.mg	2/50		kid:tla,uac.
a	TR333	830.mg	n.s.s.	42/50	322.mg	23/50	644.mg	33/50		
b	TR333	1.41gm	n.s.s.	4/50	322.mg	3/50	644.mg	7/50	liv:hpa,hpc,nd.	
c	TR333	3.31gm	n.s.s.	5/50	322.mg	1/50	644.mg	3/50	lun:a/a,a/c.	
4985	1153	176.mg	n.s.s.	0/16	169.mg	1/18			Innes;ntis,1968/1969	
a	1153	334.mg	n.s.s.	0/16	169.mg	0/18				
b	1153	176.mg	n.s.s.	0/16	169.mg	1/18				
4986	TR333	992.mg	n.s.s.	2/50	297.mg	4/50	594.mg	8/50		sub: fbs,nfs,srn. S
a	TR333	437.mg	n.s.s.	34/50	297.mg	30/50	594.mg	32/50		
b	TR333	487.mg	n.s.s.	11/50	297.mg	16/50	594.mg	17/50	liv:hpa,hpc,nd.	
c	TR333	1.36gm	n.s.s.	11/50	297.mg	9/50	594.mg	7/50	lun:a/a,a/c.	
4987	1153	62.2mg	2.23gm	0/16	157.mg	5/17			Innes;ntis,1968/1969	
a	1153	294.mg	n.s.s.	0/16	157.mg	0/17				
b	1153	46.1mg	417.mg	0/16	157.mg	7/17				
4988	1153	201.mg	n.s.s.	1/17	169.mg	1/18				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	1153	334.mg	n.s.s.	0/17	169.mg	0/18					
b	1153	121.mg	n.s.s.	2/17	169.mg	3/18					
4989	1153	90.1mg	n.s.s.	2/18	157.mg	4/18					
a	1153	103.mg	n.s.s.	1/18	157.mg	3/18					
b	1153	57.2mg	n.s.s.	3/18	157.mg	7/18					
4990	TR333	175.mg	n.s.s.	46/50	124.mg	38/50	(248.mg	33/50)			
a	TR333	3.10gm	n.s.s.	2/50	124.mg	0/50	248.mg	0/50		liv:hpa,hpc,nnd.	
4991	TR333	108.mg	n.s.s.	48/50	99.0mg	40/50	(198.mg	42/50)			
a	TR333	1.11gm	n.s.s.	2/50	99.0mg	3/50	198.mg	0/50		liv:hpa,hpc,nnd.	
4992	1524	2.42gm	n.s.s.	0/40	171.mg	0/40				Ketkar;clet,16,203-206;1982	
a	1524	2.00gm	n.s.s.	30/40	171.mg	3/40					
4993	1524	3.34gm	n.s.s.	0/40	171.mg	0/40					
a	1524	1.80gm	n.s.s.	24/40	171.mg	8/40					
N-PHENYL-p-PHENYLENEDIAMINE.HCl 2198-59-6											
4994	TR82	648.mg	n.s.s.	5/20	252.mg	4/50	(478.mg	2/50)			
a	TR82	1.53gm	n.s.s.	1/20	252.mg	2/50	478.mg	1/50		liv:hpa,hpc,nnd.	
b	TR82	n.s.s.	n.s.s.	0/20	252.mg	0/50	478.mg	0/50		lun:a/a,a/c.	
4995	TR82	404.mg	n.s.s.	10/20	131.mg	25/49	260.mg	15/50			
a	TR82	96.5mg	n.s.s.	2/20	131.mg	18/49	(260.mg	10/50)		liv:hpa,hpc,nnd.	
b	TR82	818.mg	n.s.s.	4/20	131.mg	4/49	260.mg	5/50		lun:a/a,a/c.	
4996	TR82	68.6mg	n.s.s.	13/20	22.5mg	26/50	45.0mg	24/50			
a	TR82	n.s.s.	n.s.s.	0/20	22.5mg	0/50	45.0mg	0/50		liv:hpa,hpc,nnd.	
4997	TR82	40.5mg	n.s.s.	6/20	18.0mg	17/50	36.0mg	20/50			
a	TR82	n.s.s.	n.s.s.	0/20	18.0mg	0/50	36.0mg	0/50		liv:hpa,hpc,nnd.	
2-PHENYL-1,3-PROPANEDIOL DICARBAMATE (Felbamate) 25451-15-4											
4998	2569	3.55gm	n.s.s.	7/120	100.mg	1/60	600.mg	0/60	1.20gm	9/60	McGee;faat,45,146-151;1998/pers.comm.
a	2569	3.92gm	n.s.s.	3/120	100.mg	0/60	600.mg	0/60	1.20gm	7/60	
b	2569	9.25gm	n.s.s.	4/120	100.mg	1/60	600.mg	0/60	1.20gm	2/60	
4999	2569	2.16gm	n.s.s.	9/120	100.mg	7/60	600.mg	9/60	1.20gm	10/59	
a	2569	9.11gm	n.s.s.	18/120	100.mg	9/60	600.mg	7/60	1.20gm	2/59	
b	2569	3.05gm	n.s.s.	27/120	100.mg	16/60	600.mg	16/60	1.20gm	12/59	
5000	2569	355.mg	10.1gm	0/100	10.0mg	0/50	30.0mg	2/50	100.mg	3/50	
a	2569	71.9mg	n.s.s.	0/100	10.0mg	0/50	30.0mg	0/50	100.mg	0/50	
5001	2570	28.7mg	n.s.s.	0/24	30.0mg	0/24	150.mg	0/25	300.mg	0/24	McGee;faat,45,225-232;1998/pers.comm.
5002	2569	623.mg	4.72gm	1/100	30.0mg	2/50	100.mg	1/50	300.mg	9/50	McGee;faat,45,146-151;1998/pers.comm.
a	2569	1.49gm	n.s.s.	4/100	30.0mg	1/50	100.mg	1/50	300.mg	3/50	
5003	2570	28.9mg	n.s.s.	0/23	30.0mg	0/23	150.mg	0/25	600.mg	0/25	McGee;faat,45,225-232;1998/pers.comm.
(E)-7-PHENYL-7-(3-PYRIDYL)-6-HEPTENOIC ACID (CV-4151, isbogrel) 89667-40-3											
5004	2438	1.09gm	n.s.s.	1/50	300.mg	3/50					Chatani;jjpt,23,1205-1223;1995/pers.comm.
a	2438	722.mg	n.s.s.	15/50	300.mg	13/50					
b	2438	1.88gm	n.s.s.	1/50	300.mg	1/50					
c	2438	410.mg	n.s.s.	36/50	300.mg	31/50					
5005	2438	460.mg	n.s.s.	5/50	300.mg	12/50					
a	2438	527.mg	n.s.s.	8/50	300.mg	12/50					
b	2438	1.66gm	n.s.s.	0/50	300.mg	1/50					
c	2438	1.52gm	n.s.s.	2/50	300.mg	2/50					
d	2438	288.mg	n.s.s.	21/50	300.mg	26/50					
5006	2437	1.03gm	n.s.s.	0/50	100.mg	0/50					Chatani;jjpt,23,1225-1238;1995/pers.comm.
5007	2437	1.03gm	n.s.s.	3/50	100.mg	0/50					
1-PHENYL-2-THIOUREA 103-85-5											
5008	TR148	35.3mg	n.s.s.	4/20	16.9mg	11/50	33.8mg	15/50			
a	TR148	92.7mg	n.s.s.	0/20	16.9mg	0/50	33.8mg	4/50		liv:hpa,hpc,nnd.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR148	60.5mg	n.s.s.	0/20	16.9mg	3/50	33.8mg	5/50		lun:a/a,a/c.
5009	TR148	49.0mg	n.s.s.	6/20	15.6mg	16/50	31.2mg	12/50		
a	TR148	74.6mg	n.s.s.	1/20	15.6mg	7/50	31.2mg	3/50		liv:hpa,hpc,nnd.
b	TR148	73.7mg	n.s.s.	3/20	15.6mg	6/50	31.2mg	6/50		lun:a/a,a/c.
5010	TR148	2.46mg	n.s.s.	12/20	2.30mg	37/50	(4.50mg)	30/50		
a	TR148	n.s.s.	n.s.s.	0/20	2.30mg	0/50	4.50mg	0/50		liv:hpa,hpc,nnd.
5011	TR148	2.71mg	n.s.s.	7/20	1.80mg	22/50	(3.60mg)	22/50		
a	TR148	17.3mg	n.s.s.	0/20	1.80mg	2/50	3.60mg	1/50		liv:hpa,hpc,nnd.
1-PHENYLAZO-2-NAPHTHOL (C.I. solvent yellow 14) 842-07-9										
5012	TR226	55.6mg	n.s.s.	9/50	63.8mg	23/50	(128.mg)	17/50		S
a	TR226	96.1mg	n.s.s.	28/50	63.8mg	34/50	128.mg	36/50		
b	TR226	279.mg	n.s.s.	2/50	63.8mg	4/50	128.mg	6/50		liv:hpa,hpc,nnd.
c	TR226	342.mg	n.s.s.	3/50	63.8mg	6/50	128.mg	4/50		lun:a/a,a/c.
5013	TR226	68.5mg	n.s.s.	24/50	58.9mg	30/50	118.mg	37/50		
a	TR226	159.mg	n.s.s.	15/50	58.9mg	11/50	118.mg	19/50		liv:hpa,hpc,nnd.
b	TR226	250.mg	n.s.s.	5/50	58.9mg	7/50	118.mg	7/50		lun:a/a,a/c.
5014	1165	348.mg	n.s.s.	0/18	64.9mg	0/26			Clayson;bjca,19,297-310;1965/Williams 1962	
5015	1165	150.mg	n.s.s.	2/15	59.9mg	1/18				
5016	TR226	40.2mg	4.20gm	2/50	12.4mg	3/49	24.8mg	11/50		liv:hpc,nnd.
a	TR226	43.2mg	n.s.s.	2/50	12.4mg	3/49	24.8mg	10/50		
b	TR226	104.mg	n.s.s.	0/50	12.4mg	0/49	24.8mg	3/50		S
c	TR226	24.4mg	n.s.s.	44/50	12.4mg	41/49	24.8mg	38/50		
d	TR226	40.2mg	4.20gm	2/50	12.4mg	3/49	24.8mg	11/50		liv:hpa,hpc,nnd.
5017	TR226	10.4mg	50.0mg	5/50	9.90mg	10/50	19.8mg	30/50		
a	TR226	10.3mg	55.3mg	6/50	9.90mg	10/50	19.8mg	31/50		liv:hpc,nnd.
b	TR226	13.5mg	n.s.s.	36/50	9.90mg	33/50	19.8mg	45/50		
c	TR226	10.3mg	55.3mg	6/50	9.90mg	10/50	19.8mg	31/50		liv:hpa,hpc,nnd.
PHENYLBUTAZONE 50-33-9										
5018	TR367	323.mg	n.s.s.	31/50	105.mg	20/50	210.mg	25/50		
a	TR367	405.mg	n.s.s.	5/50	105.mg	5/50	210.mg	7/50		liv:hpa,hpc,nnd.
b	TR367	704.mg	n.s.s.	3/50	105.mg	3/50	210.mg	3/50		lun:a/a,a/c.
5019	TR367	160.mg	4.75gm	8/50	105.mg	12/50	210.mg	23/50		S
a	TR367	157.mg	n.s.s.	16/50	105.mg	14/50	210.mg	31/50		liv:hpa,hpc.
b	TR367	136.mg	n.s.s.	30/50	105.mg	28/50	210.mg	40/50		
c	TR367	157.mg	n.s.s.	16/50	105.mg	14/50	210.mg	31/50		liv:hpa,hpc,nnd.
d	TR367	616.mg	n.s.s.	6/50	105.mg	6/50	210.mg	5/50		lun:a/a,a/c.
5020	TR367	276.mg	n.s.s.	0/50	34.9mg	0/50	69.7mg	2/50		
a	TR367	40.3mg	n.s.s.	46/50	34.9mg	46/50	69.7mg	36/50		
b	TR367	339.mg	n.s.s.	1/50	34.9mg	2/50	69.7mg	0/50		liv:hpa,hpc,nnd.
5021	TR367	158.mg	n.s.s.	0/50	35.0mg	1/50	70.1mg	3/50		kid:rab,rua,ruc.
a	TR367	187.mg	n.s.s.	0/50	35.0mg	0/50	70.1mg	3/50		kid:rab,rua. S
b	TR367	31.1mg	n.s.s.	41/50	35.0mg	42/50	70.1mg	44/50		
c	TR367	261.mg	n.s.s.	0/50	35.0mg	1/50	70.1mg	1/50		liv:hpa,hpc,nnd.
5022	TR367	180.mg	n.s.s.	0/50	35.0mg	5/50	70.1mg	4/50		kid:rab,rua,ruc.
5023	1815	283.mg	n.s.s.	4/96	59.1mg	6/50	118.mg	6/42	Maekawa;jnci,79,577-584;1987/pers.comm.	
a	1815	396.mg	n.s.s.	2/96	59.1mg	3/50	118.mg	4/42		
b	1815	427.mg	n.s.s.	0/96	59.1mg	0/50	118.mg	0/42		
c	1815	151.mg	n.s.s.	85/96	59.1mg	43/50	118.mg	32/42		
5024	1815	335.mg	n.s.s.	0/93	47.3mg	0/47	95.4mg	0/44		
a	1815	335.mg	n.s.s.	1/93	47.3mg	0/47	95.4mg	0/44		
b	1815	778.mg	n.s.s.	4/93	47.3mg	0/47	95.4mg	2/44		
c	1815	159.mg	n.s.s.	69/93	47.3mg	36/47	95.4mg	27/44		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
m-PHENYLENEDIAMINE 108-45-2											
5025	1888	277.mg	n.s.s.	0/50	37.1mg	1/50	74.3mg	2/59	Amo;fctx,26,893-897;1988		
a	1888	175.mg	n.s.s.	3/50	37.1mg	0/50	74.3mg	0/59			
b	1888	175.mg	n.s.s.	0/50	37.1mg	0/50	74.3mg	0/59			
c	1888	406.mg	n.s.s.	4/50	37.1mg	2/50	74.3mg	2/59			
5026	1888	165.mg	n.s.s.	4/50	31.0mg	4/50	61.9mg	5/56			
a	1888	112.mg	n.s.s.	20/50	31.0mg	7/50	(61.9mg)	3/56)			
b	1888	98.2mg	n.s.s.	7/50	31.0mg	4/50	(61.9mg)	1/56)			
c	1888	123.mg	n.s.s.	8/50	31.0mg	3/50	(61.9mg)	1/56)			
p-PHENYLENEDIAMINE 106-50-3											
5027	1542	146.mg	n.s.s.	1/21	25.0mg	1/37	50.0mg	2/42	Imaida;txlt,16,259-269;1983		
a	1542	78.3mg	n.s.s.	0/21	25.0mg	0/37	50.0mg	0/42			
5028	1542	42.8mg	n.s.s.	6/19	20.0mg	8/35	40.0mg	10/36			
a	1542	57.4mg	n.s.s.	0/19	20.0mg	0/35	40.0mg	0/36			
m-PHENYLENEDIAMINE.2HCl 541-69-5											
5029	381	87.6mg	n.s.s.	3/13	260.mg	4/13	520.mg	0/16	Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973		
a	381	190.mg	n.s.s.	0/13	260.mg	1/13	520.mg	0/16			
b	381	93.9mg	n.s.s.	9/13	260.mg	5/13	520.mg	1/16			
5030	381	104.mg	n.s.s.	2/16	240.mg	2/15	480.mg	0/10			
a	381	145.mg	n.s.s.	2/16	240.mg	1/15	480.mg	0/10			
b	381	77.9mg	n.s.s.	9/16	240.mg	5/15	480.mg	0/10			
5031	381	87.6mg	n.s.s.	1/17	30.0mg	1/17	60.0mg	1/15			
a	381	31.5mg	n.s.s.	13/17	30.0mg	7/17	60.0mg	6/15			
o-PHENYLENEDIAMINE.2HCl 615-28-1											
5032	381	236.mg	1.83gm	1/15	806.mg	7/18	1.70gm	6/15		Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	276.mg	2.46gm	1/15	806.mg	6/18	1.70gm	6/15			
b	381	522.mg	n.s.s.	5/15	806.mg	3/18	1.70gm	4/15			
c	381	233.mg	n.s.s.	10/15	806.mg	13/18	1.70gm	10/15			
5033	381	276.mg	1.49gm	1/102p	806.mg	6/18	1.70gm	6/15			
5034	381	406.mg	n.s.s.	0/14	783.mg	5/17	1.57gm	3/14			
a	381	406.mg	n.s.s.	1/14	783.mg	5/17	1.57gm	3/14			
b	381	643.mg	n.s.s.	3/14	783.mg	4/17	1.57gm	2/14			
c	381	381.mg	n.s.s.	7/14	783.mg	10/17	1.57gm	6/14			
5035	381	456.mg	4.81gm	7/99p	783.mg	5/17	1.57gm	3/14			
5036	381	92.5mg	n.s.s.	0/16	57.6mg	0/14	115.mg	5/16			
a	381	92.5mg	n.s.s.	0/16	57.6mg	0/14	115.mg	5/16			
b	381	67.7mg	n.s.s.	10/16	57.6mg	9/14	115.mg	12/16			
5037	381	105.mg	n.s.s.	2/111p	57.6mg	0/14	115.mg	5/16			
p-PHENYLENEDIAMINE.2HCl 624-18-0											
5038	TR174	198.mg	n.s.s.	8/20	80.5mg	17/50	161.mg	21/49	liv:hpa,hpc,nnd. lun:a/a,a/c.		
a	TR174	325.mg	n.s.s.	2/20	80.5mg	6/50	161.mg	8/49			
b	TR174	527.mg	n.s.s.	0/20	80.5mg	2/50	161.mg	3/49			
5039	TR174	167.mg	n.s.s.	15/20	74.3mg	35/50	149.mg	31/50	liv:hpa,hpc,nnd. lun:a/a,a/c.		
a	TR174	193.mg	n.s.s.	9/20	74.3mg	18/50	149.mg	21/50			
b	TR174	346.mg	n.s.s.	4/20	74.3mg	10/50	149.mg	8/50			
5040	TR174	44.0mg	n.s.s.	10/20	30.6mg	37/50	61.3mg	36/50	liv:hpa,hpc,nnd.		
a	TR174	n.s.s.	n.s.s.	0/20	30.6mg	0/50	61.3mg	0/50			
5041	TR174	65.7mg	n.s.s.	14/20	24.5mg	34/50	49.0mg	29/50	liv:hpa,hpc,nnd.		
a	TR174	364.mg	n.s.s.	0/20	24.5mg	0/50	49.0mg	1/50			
PHENYLEPHRINE.HCl 61-76-7											
5042	TR322	236.mg	n.s.s.	22/50	161.mg	31/50	322.mg	27/50			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	TR322	1.01gm	n.s.s.	3/50	161.mg	2/50	322.mg	4/50		liv:hpa,hpc,nnd.
b	TR322	579.mg	n.s.s.	2/50	161.mg	6/50	322.mg	6/50		lun:a/a,a/c.
5043	TR322	744.mg	n.s.s.	0/50	149.mg	4/50	297.mg	4/50		S
a	TR322	742.mg	n.s.s.	0/50	149.mg	2/50	297.mg	5/50		mul:mlm; spl:mlm. S
b	TR322	274.mg	n.s.s.	27/50	149.mg	30/50	297.mg	34/50		
c	TR322	409.mg	n.s.s.	15/50	149.mg	15/50	297.mg	20/50		liv:hpa,hpc,nnd.
d	TR322	485.mg	n.s.s.	6/50	149.mg	11/50	297.mg	11/50		lun:a/a,a/c.
5044	TR322	37.9mg	n.s.s.	44/50	30.7mg	45/50	61.9mg	42/50		
a	TR322	714.mg	n.s.s.	2/50	30.7mg	0/50	61.9mg	0/50		liv:hpa,hpc,nnd.
5045	TR322	20.1mg	n.s.s.	45/50	24.6mg	42/50	(49.5mg)	29/50)		
a	TR322	348.mg	n.s.s.	5/50	24.6mg	1/50	49.5mg	2/50		liv:hpa,hpc,nnd.
PHENYLETHYL-3-METHYLCAFFEATE 71835-85-3										
5046	2413	20.7mg	n.s.s.	0/12	30.0mg	0/12			Rao;canr,55,2310-2315;1995	
PHENYLETHYLHYDRAZINE SULFATE 156-51-4										
5047	239	8.37mg	28.7mg	2/52	30.0mg	22/32			Toth;canr,36,917-921;1976/1974	
a	239	11.2mg	39.6mg	0/52	30.0mg	18/32				
b	239	11.3mg	42.2mg	1/52	30.0mg	18/32				
c	239	12.1mg	44.1mg	0/52	30.0mg	17/32				
d	239	13.0mg	49.3mg	0/52	30.0mg	16/32				
e	239	14.2mg	65.5mg	18/95	30.0mg	28/49				
f	239	14.7mg	80.1mg	21/95	30.0mg	28/49				
g	239	42.5mg	1.22gm	0/52	30.0mg	4/32				
h	239	56.2mg	n.s.s.	2/52	30.0mg	3/32				
5048	239	14.5mg	113.mg	15/93	25.0mg	17/34				
a	239	14.6mg	304.mg	23/93	25.0mg	18/34				
b	239	136.mg	n.s.s.	6/88	25.0mg	2/50				
PHENYLGLYCIDYL ETHER 122-60-1										
5049	1737	31.2mg	812.mg	0/90	.460mg	0/90	5.52mg	4/90	Lee;ajpa,111,140-148;1983	
5050	1737	13.2mg	108.mg	1/90	.322mg	0/90	3.86mg	9/90		
6-PHENYLHEXYL ISOTHIOCYANATE 133920-06-6										
5051	2287	14.3mg	n.s.s.	3/16	8.76mg	3/17			Hecht;carc,17,2061-2067;1996	
a	2287	21.3mg	n.s.s.	1/16	8.76mg	1/17				
b	2287	41.9mg	n.s.s.	0/15	8.76mg	0/20				
c	2287	41.9mg	n.s.s.	1/15	8.76mg	0/20				
5052	2412	17.7mg	n.s.s.	0/12	25.6mg	0/12			Rao;canr,55,4311-4318;1995	
PHENYLHYDRAZINE 100-63-0										
5053	1095	8.51mg	n.s.s.	8/85	5.91mg	0/25			Roe;natu,216,375-376;1967	
PHENYLHYDRAZINE.HCl 59-88-1										
5054	1056	32.6mg	229.mg	2/90	20.0mg	11/49			Toth;zkko,87,267-273;1976/1974	
a	1056	33.3mg	301.mg	3/90	20.0mg	11/49				
b	1056	52.8mg	n.s.s.	2/90	20.0mg	6/49				
c	1056	58.0mg	n.s.s.	1/90	20.0mg	5/49				
d	1056	58.0mg	n.s.s.	1/90	20.0mg	5/49				
e	1056	58.0mg	n.s.s.	1/90	20.0mg	5/49				
f	1056	56.9mg	n.s.s.	21/87	20.0mg	8/38				
5055	1056	27.8mg	n.s.s.	6/81	16.7mg	10/43				
a	1056	30.7mg	n.s.s.	6/81	16.7mg	9/43				
b	1056	94.2mg	n.s.s.	23/87	16.7mg	5/43				

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
beta-PHENYLISOPROPYLHYDRAZINE.HCl 66-05-7											
5056	1675	23.0mg	n.s.s.	1/15	31.2mg	0/4	62.4mg	0/3		Toth;faat,2,173-176;1982/1980	
a	1675	145.mg	n.s.s.	25/99	31.2mg	10/49	(62.4mg)	2/45)			
5057	1675	65.2mg	n.s.s.	0/99	26.0mg	0/42	52.0mg	0/7			
a	1675	143.mg	n.s.s.	26/100	26.0mg	5/42	(52.0mg)	0/7)			
PHENYLMERCURIC ACETATE 62-38-4											
5058	1286	6.34mg	n.s.s.	0/17	3.39mg	0/17				Innes;ntis,1968/1969	
a	1286	6.34mg	n.s.s.	1/17	3.39mg	0/17					
b	1286	6.34mg	n.s.s.	2/17	3.39mg	0/17					
5059	1286	3.89mg	n.s.s.	2/18	3.16mg	1/17					
a	1286	5.91mg	n.s.s.	1/18	3.16mg	0/17					
b	1286	3.04mg	n.s.s.	3/18	3.16mg	2/17					
5060	1286	3.53mg	n.s.s.	0/16	3.39mg	1/18					
a	1286	3.53mg	n.s.s.	0/16	3.39mg	1/18					
b	1286	2.59mg	n.s.s.	0/16	3.39mg	2/18					
5061	1286	2.27mg	n.s.s.	0/16	3.16mg	2/17					
a	1286	5.91mg	n.s.s.	0/16	3.16mg	0/17					
b	1286	2.27mg	n.s.s.	0/16	3.16mg	2/17					
o-PHENYLPHENOL (orthoxenol, Dowicide 1) 90-43-7											
5062	1310	64.2mg	n.s.s.	0/17	38.9mg	0/15				Innes;ntis,1968/1969	
a	1310	64.2mg	n.s.s.	1/17	38.9mg	0/15					
b	1310	41.7mg	n.s.s.	2/17	38.9mg	1/15					
5063	1310	n.s.s.	n.s.s.	1/18	36.2mg	1/16					
a	1310	41.5mg	n.s.s.	2/18	36.2mg	1/16					
b	1310	32.3mg	n.s.s.	3/18	36.2mg	2/16					
5064	1310	35.9mg	n.s.s.	0/16	38.9mg	1/16					
a	1310	68.5mg	n.s.s.	0/16	38.9mg	0/16					
b	1310	26.2mg	n.s.s.	0/16	38.9mg	2/16					
5065	1310	15.8mg	n.s.s.	0/16	36.2mg	4/16					
a	1310	33.4mg	n.s.s.	0/16	36.2mg	1/16					
b	1310	13.3mg	350.mg	0/16	36.2mg	5/16					
5066	2454	1.56gm	n.s.s.	0/20	780.mg	1/20	1.56gm	2/20	3.12gm	1/20	Mikuriya;tmrl,40,281-288;1989/pers.comm.
a	2454	459.mg	n.s.s.	0/20	780.mg	0/20	1.56gm	0/20	3.12gm	0/20	
b	2454	459.mg	n.s.s.	1/20	780.mg	0/20	1.56gm	0/20	3.12gm	0/20	
5067	1646	137.mg	430.mg	0/24	250.mg	0/20	500.mg	23/24	(1.00gm	4/23)	Hiraga;fctx,22,865-870;1984
a	1646	171.mg	568.mg	0/24	250.mg	0/20	500.mg	20/24	(1.00gm	2/23)	
b	1646	245.mg	960.mg	0/24	250.mg	0/20	500.mg	15/24	(1.00gm	2/23)	
c	1646	625.mg	26.3gm	0/24	250.mg	0/20	500.mg	5/24	(1.00gm	0/23)	
5068	1930	3.19gm	n.s.s.	0/30	500.mg	0/31				Fukushima;carc,10,1635-1640;1989	
p-PHENYLPHENOL (paraxenol) 92-69-3											
5069	1309	215.mg	n.s.s.	1/17	193.mg	1/17				Innes;ntis,1968/1969	
a	1309	361.mg	n.s.s.	0/17	193.mg	0/17					
b	1309	170.mg	n.s.s.	2/17	193.mg	2/17					
5070	1309	212.mg	n.s.s.	1/18	180.mg	1/18					
a	1309	356.mg	n.s.s.	2/18	180.mg	0/18					
b	1309	112.mg	n.s.s.	3/18	180.mg	4/18					
5071	1309	361.mg	n.s.s.	0/16	193.mg	0/17					
a	1309	361.mg	n.s.s.	0/16	193.mg	0/17					
b	1309	361.mg	n.s.s.	0/16	193.mg	0/17					
5072	1309	105.mg	n.s.s.	0/16	180.mg	2/14					
a	1309	277.mg	n.s.s.	0/16	180.mg	0/14					
b	1309	66.9mg	13.2gm	0/16	180.mg	4/14					

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology				Brkly Code	
o-PHENYLPHENOL, SODIUM (o-phenylphenate, sodium) 132-27-4																	
5073	1647	3.28gm	n.s.s.	4/49	600.mg	5/50	1.20gm	7/50	(2.40gm	0/50)					Hagiwara;fctx,22,809-814;1984		
a	1647	23.2gm	n.s.s.	0/49	600.mg	0/49	1.20gm	0/50	2.40gm	1/50							
b	1647	9.85gm	n.s.s.	5/49	600.mg	6/50	1.20gm	9/50	2.40gm	3/50							
5074	1647	2.68gm	188.gm	4/49	554.mg	9/50	1.11gm	13/50	2.22gm	14/50							
a	1647	5.84gm	n.s.s.	0/49	554.mg	3/50	1.11gm	5/50	2.22gm	3/50							
b	1647	21.6gm	n.s.s.	0/49	554.mg	0/50	1.11gm	1/50	2.22gm	0/50							
c	1647	13.3gm	n.s.s.	1/49	554.mg	3/50	1.11gm	2/50	2.22gm	1/50							
d	1647	5.00gm	n.s.s.	16/49	554.mg	19/50	1.11gm	16/50	2.22gm	15/50							
e	1647	14.4gm	n.s.s.	3/49	554.mg	3/50	1.11gm	2/50	2.22gm	2/50							
f	1647	10.3gm	n.s.s.	4/49	554.mg	4/50	1.11gm	5/50	2.22gm	3/50							
5075	1777	707.mg	n.s.s.	0/15	500.mg	0/15	1.00gm	2/15					Fujii;fctx,24,207-211;1986				
a	1777	958.mg	n.s.s.	0/15	500.mg	0/15	1.00gm	1/15									
b	1777	958.mg	n.s.s.	0/15	500.mg	0/15	1.00gm	1/15									
5076	2457m	1.93gm	n.s.s.	0/50	245.mg	1/50	491.mg	4/50					Fujii;jsms,12,277-287;1985				
a	2457m	4.24gm	n.s.s.	0/50	245.mg	0/50	491.mg	1/50									
5077	2457n	2.17gm	n.s.s.	0/25	117.mg	0/25	222.mg	0/24	423.mg	2/25							
a	2457n	2.91gm	n.s.s.	0/25	117.mg	0/25	222.mg	0/24	423.mg	1/25							
5078	1378	279.mg	642.mg	0/20	50.0mg	0/20	100.mg	0/20	200.mg	1/21	400.mg	7/21	800.mg	20/21			
					1.60gm	17/20					Hiraga;fctx,19,303-310;1981						
a	1378	287.mg	836.mg	0/20	50.0mg	0/20	100.mg	0/20	200.mg	0/21	400.mg	6/21	800.mg	19/21			
					(1.60gm	8/20)											
b	1378	1.24gm	5.68gm	0/20	50.0mg	0/20	100.mg	0/20	200.mg	1/21	400.mg	0/21	800.mg	1/21			
					1.60gm	10/20											
5079	1752	779.mg	n.s.s.	0/7	100.mg	0/9	200.mg	0/8	400.mg	0/9	800.mg	2/5					Fukushima;onco,42,304-311;1985
a	1752	779.mg	n.s.s.	0/7	100.mg	0/9	200.mg	0/8	400.mg	0/9	800.mg	2/5					
5080	1777	103.mg	423.mg	0/14	400.mg	0/15	800.mg	15/15					Fujii;fctx,24,207-211;1986				
a	1777	175.mg	959.mg	0/14	400.mg	0/15	800.mg	10/15									
b	1777	322.mg	13.7gm	0/14	400.mg	0/15	800.mg	5/15									
5081	1930	523.mg	2.42gm	0/27	800.mg	12/29					Fukushima;carc,10,1635-1640;1989						
a	1930	1.52gm	n.s.s.	0/27	800.mg	3/29											
5082	2457m	304.mg	669.mg	0/50	275.mg	2/50	785.mg	47/50					Fujii;jsms,12,277-287;1985				
a	2457m	316.mg	699.mg	0/50	275.mg	2/50	785.mg	46/50									
5083	2457n	370.mg	1.09gm	0/25	86.0mg	0/25	255.mg	3/25	800.mg	23/25							
a	2457n	465.mg	1.47gm	0/25	86.0mg	0/25	255.mg	1/25	800.mg	21/25							
3-PHENYLPROPYL ISOTHIOCYANATE 2627-27-2																	
5084	2563	1.40mg	349.mg	4/9	17.7mg	13/14					Stoner;carc,19,2139-2143;1998/pers.comm.						
PhIP.HCl (2-amino-1-methyl-6-phenylimidazo[4,5-b]-pyridine.HCl) ---																	
5085	1872	12.6mg	50.4mg	6/40	52.0mg	26/38					Esumi;gann,80,1176-1178;1989/pers.comm.						
5086	1872	28.9mg	513.mg	2/36	48.0mg	11/35											
5087	2300	.475mg	1.41mg	0/12	6.38mg	27/36					Rao;canr,56,3395-3398;1996/pers.comm.						
a	2300	.637mg	2.06mg	0/12	6.38mg	23/36											
b	2300	1.63mg	n.s.s.	0/12	6.38mg	10/36											
c	2300	2.18mg	n.s.s.	0/12	6.38mg	7/36											
d	2300	3.80mg	n.s.s.	0/12	6.38mg	3/36											
5088	1922m	2.90mg	12.0mg	0/40	20.0mg	14/30					Ito;carc,12,1503-1506;1991/Shirai 1997/pers.comm.						
a	1922m	12.2mg	n.s.s.	0/40	20.0mg	2/30											
b	1922m	30.9mg	n.s.s.	0/40	20.0mg	0/30											
5089	2062m	3.51mg	13.1mg	0/30	1.25mg	2/30	5.00mg	14/30					Hasegawa;carc,14,2553-2557;1993/Shirai 1999/pers.comm.				
a	2062m	10.5mg	584.mg	0/30	1.25mg	0/30	5.00mg	4/30									
b	2062m	28.8mg	n.s.s.	2/30	1.25mg	2/30	5.00mg	0/30									
c	2062m	20.3mg	n.s.s.	3/30	1.25mg	4/30	5.00mg	1/30									
d	2062m	3.19mg	n.s.s.	8/30	1.25mg	5/30	(5.00mg	1/30)									
5090	2195	1.62mg	11.4mg	0/20	10.0mg	8/20					Hasegawa;carc,16,2243-2246;1995/pers.comm.						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
	a	2195	4.31mg	n.s.s.	0/20	10.0mg	2/20				
	b	2195	4.31mg	n.s.s.	0/20	10.0mg	2/20				
5091	2249	1.33mg	13.8mg	0/10	10.0mg	9/20				Hirose;carc,16,217-221;1995/pers.comm.	
	a	2249	1.50mg	28.0mg	0/10	10.0mg	8/20				
	b	2249	3.99mg	n.s.s.	0/10	10.0mg	2/20				
	c	2249	3.99mg	n.s.s.	0/10	10.0mg	2/20				
	d	2249	4.88mg	n.s.s.	0/10	10.0mg	1/18				
	e	2249	4.88mg	n.s.s.	0/10	10.0mg	1/18				
	f	2249	10.3mg	n.s.s.	0/10	10.0mg	0/20				
5092	2612	1.62mg	30.2mg	0/10	10.0mg	8/20				Hagiwara;gann,90,399-405;1999	
	a	2612	1.62mg	30.2mg	0/10	10.0mg	8/20				
	b	2612	3.43mg	n.s.s.	0/10	10.0mg	3/20				
	c	2612	4.31mg	n.s.s.	0/10	10.0mg	2/20				
5093	1922m	1.38mg	5.03mg	0/37	16.0mg	18/27				Ito;carc,12,1503-1506;1991/Shirai 1997/pers.comm.	
	a	1922m	1.87mg	7.13mg	0/40	16.0mg	16/29				
	b	1922m	23.9mg	n.s.s.	0/40	16.0mg	0/29				
5094	2062m	2.85mg	38.2mg	3/30	1.00mg	6/30	4.00mg	13/30		Hasegawa;carc,14,2553-2557;1993/Shirai 1999/pers.comm.	
	a	2062m	3.37mg	14.6mg	0/30	1.00mg	0/30	4.00mg	13/30		
	b	2062m	1.51mg	n.s.s.	1/30	1.00mg	5/30	(4.00mg	1/30)		
	c	2062m	2.75mg	n.s.s.	10/25	1.00mg	13/25	4.00mg	11/22		
	d	2062m	12.2mg	n.s.s.	2/30	1.00mg	2/30	4.00mg	2/30		
5095	2525	.462mg	1.80mg	1/18	5.53mg	21/30				Weisburger;jepo,16,329-334;1997	
	a	2525	3.38mg	n.s.s.	0/18	5.53mg	2/30				
5096	2233m	.882mg	3.26mg	1/20	1.25mg	1/21	5.00mg	7/20	10.0mg	13/18	Imaida;gann,87,1116-1120;1996/pers.comm.
	a	2233m	.960mg	3.26mg	0/20	1.25mg	1/21	5.00mg	5/20	10.0mg	13/18
	b	2233m	7.22mg	n.s.s.	0/20	1.25mg	0/21	5.00mg	1/20	10.0mg	0/18
	c	2233m	8.97mg	n.s.s.	1/20	1.25mg	0/21	5.00mg	1/20	10.0mg	0/18
5097	2233n	.356mg	8.02mg	1/20	.625mg	3/20	2.50mg	8/20			
	a	2233n	.399mg	3.21mg	0/20	.625mg	2/20	2.50mg	7/20		
	b	2233n	1.09mg	n.s.s.	0/20	.625mg	1/20	2.50mg	1/20		
	c	2233n	.439mg	n.s.s.	1/20	.625mg	0/20	2.50mg	0/20		
PHORBOL 17673-25-5											
5098	1415	1.35mg	n.s.s.	15/15	4.16mg	11/13				Armuth;bjca,34,516-522;1976	
5099	1415	1.01mg	n.s.s.	10/14	3.47mg	11/14					
5100	1415	58.3mg	n.s.s.	0/53	4.16mg	0/68					
5101	1415	29.3mg	n.s.s.	0/58	3.47mg	0/41					
5102	1415	39.4mg	n.s.s.	0/61	4.16mg	0/46					
5103	1415	42.2mg	n.s.s.	0/41	3.47mg	0/59					
5104	1415	25.7mg	n.s.s.	0/20	4.16mg	0/30					
5105	1415	1.95mg	n.s.s.	26/32	4.16mg	27/33					
5106	1415	1.32mg	4.07mg	3/45	4.16mg	29/39					
PHOSPHAMIDON 13171-21-6											
5107	TR16	22.4mg	n.s.s.	1/10	9.10mg	11/50	18.3mg	9/50			
	a	TR16	14.0mg	n.s.s.	0/10	9.10mg	6/50	(18.3mg	1/50)		liv:hpa,hpc,nnd.
	b	TR16	81.7mg	n.s.s.	1/10	9.10mg	3/50	18.3mg	1/50		lun:a/a,a/c.
5108	TR16	18.4mg	n.s.s.	3/10	7.60mg	14/50	13.2mg	11/50			
	a	TR16	23.5mg	n.s.s.	2/10	7.60mg	9/50	13.2mg	7/50		liv:hpa,hpc,nnd.
	b	TR16	47.9mg	n.s.s.	1/10	7.60mg	3/50	13.2mg	2/50		lun:a/a,a/c.
5109	TR16	6.09mg	n.s.s.	7/10	2.90mg	29/50	5.80mg	26/50			
	a	TR16	47.0mg	n.s.s.	0/10	2.90mg	1/50	5.80mg	0/50		liv:hpa,hpc,nnd.
5110	TR16	9.26mg	361.mg	2/95p	2.90mg	9/50	5.80mg	8/50			thy:cca,ccr. S
5111	TR16	5.55mg	n.s.s.	4/10	2.30mg	26/50	4.60mg	20/50			
	a	TR16	30.2mg	n.s.s.	0/10	2.30mg	0/50	4.60mg	1/50		liv:hpa,hpc,nnd.
5112	TR16	10.9mg	n.s.s.	1/95p	2.30mg	3/50	4.60mg	5/50			spl:hem,hes. S

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
PHOSPHINE 7803-51-2											
5113	2602m	11.5ug	n.s.s.	0/10	31.2ug	0/10	.104mg	0/10	.312mg	0/10	Newton;intx,11,639-708;1999/pers.comm.
5114	2602n	1.70mg	n.s.s.	0/50	31.2ug	2/50	.104mg	1/50	.312mg	1/50	
5115	2602m	8.04ug	n.s.s.	0/10	21.9ug	0/10	72.9ug	0/10	.219mg	0/10	
5116	2602n	.929mg	n.s.s.	3/50	21.9ug	0/50	72.9ug	3/50	.219mg	3/50	
a	2602n	1.98mg	n.s.s.	2/50	21.9ug	1/50	72.9ug	0/50	.219mg	1/50	
5117	1692m	245.ng	n.s.s.	0/20	250.ng	0/19					Cabrol Telle;fctx,23,1001-1009;1985
5118	1692n	43.1ng	n.s.s.	10/10	250.ng	10/11					
5119	1692m	206.ng	n.s.s.	0/19	200.ng	0/20					
5120	1692n	264.ng	n.s.s.	2/11	200.ng	1/10					
PHTHALAMIDE 88-96-0											
5121	TR161	3.07gm	n.s.s.	19/40	806.mg	29/50	1.62gm	27/50	3.25gm	8/50	
a	TR161	17.3gm	n.s.s.	4/40	806.mg	2/50	1.62gm	2/50	3.25gm	0/50	liv:hpa,hpc,nnd.
b	TR161	15.8gm	n.s.s.	3/40	806.mg	5/50	1.62gm	1/50	3.25gm	0/50	lun:a/a,a/c.
5122	TR161	4.34gm	n.s.s.	15/20	3.00gm	33/50	6.00gm	32/50			
a	TR161	10.8gm	n.s.s.	9/20	3.00gm	17/50	6.00gm	13/50			liv:hpa,hpc,nnd.
b	TR161	9.09gm	n.s.s.	3/20	3.00gm	7/50	6.00gm	10/50			lun:a/a,a/c.
5123	TR161	217.mg	n.s.s.	14/20	250.mg	39/50	500.mg	39/50			
a	TR161	1.25gm	n.s.s.	2/20	250.mg	2/50	500.mg	6/50			liv:hpa,hpc,nnd.
5124	TR161	1.06gm	n.s.s.	17/20	600.mg	43/50	1.20gm	34/50			
a	TR161	5.02gm	n.s.s.	0/20	600.mg	1/50	1.20gm	2/50			liv:hpa,hpc,nnd.
PHTHALIC ANHYDRIDE 85-44-9											
5125	TR159	5.42gm	n.s.s.	10/20	1.56gm	21/50	3.12gm	17/50			
a	TR159	25.9gm	n.s.s.	1/20	1.56gm	0/50	3.12gm	1/50			liv:hpa,hpc,nnd.
b	TR159	10.7gm	n.s.s.	1/20	1.56gm	6/50	3.12gm	2/50			lun:a/a,a/c.
5126	TR159	7.76gm	n.s.s.	11/20	1.96gm	22/50	3.92gm	18/50			
a	TR159	2.27gm	n.s.s.	3/20	1.96gm	12/50	(3.92gm	7/50)			liv:hpa,hpc,nnd.
b	TR159	13.3gm	n.s.s.	7/20	1.96gm	6/50	3.92gm	9/50			lun:a/a,a/c.
5127	TR159	2.37gm	n.s.s.	0/20	375.mg	0/50	750.mg	5/50			
a	TR159	511.mg	n.s.s.	13/20	375.mg	37/50	750.mg	36/50			
b	TR159	5.50gm	n.s.s.	0/20	375.mg	1/50	750.mg	0/50			liv:hpa,hpc,nnd.
5128	TR159	451.mg	n.s.s.	15/20	300.mg	37/50	600.mg	36/50			
a	TR159	4.79gm	n.s.s.	1/20	300.mg	2/50	600.mg	0/50			liv:hpa,hpc,nnd.
PICLORAM, TECHNICAL GRADE 1918-02-1											
5129	TR23	1.57gm	n.s.s.	1/10	292.mg	6/50	585.mg	3/50			
a	TR23	3.28gm	n.s.s.	0/10	292.mg	0/50	585.mg	1/50			liv:hpa,hpc,nnd.
b	TR23	1.25gm	n.s.s.	1/10	292.mg	1/50	(585.mg	0/50)			lun:a/a,a/c.
5130	TR23	688.mg	n.s.s.	5/10	270.mg	18/50	540.mg	14/50			
a	TR23	398.mg	n.s.s.	5/10	270.mg	13/50	(540.mg	8/50)			liv:hpa,hpc,nnd.
b	TR23	1.33gm	n.s.s.	1/10	270.mg	5/50	540.mg	3/50			lun:a/a,a/c.
5131	TR23	397.mg	n.s.s.	7/10	263.mg	32/50	527.mg	33/50			
a	TR23	864.mg	n.s.s.	0/10	263.mg	5/50	527.mg	8/50			liv:hpa,hpc,nnd.
5132	TR23	873.mg	23.4gm	0/40p	263.mg	5/50	527.mg	7/50			
5133	TR23	290.mg	n.s.s.	3/10	210.mg	28/50	422.mg	22/50			
a	TR23	456.mg	n.s.s.	0/10	210.mg	4/50	(422.mg	0/50)			liv:hpa,hpc,nnd.
5134	1981	1.27gm	n.s.s.	2/50	20.0mg	1/50	60.0mg	0/50	200.mg	2/50	Stott;jtxe,30,91-104;1990
a	1981	909.mg	n.s.s.	3/50	20.0mg	10/50	60.0mg	4/50	200.mg	4/50	
5135	1981	759.mg	n.s.s.	1/50	20.0mg	1/50	60.0mg	4/50	200.mg	2/50	
a	1981	1.04gm	n.s.s.	0/50	20.0mg	1/50	60.0mg	1/50	200.mg	1/50	
PILDALAZINE.2HC1 56393-22-7											
5136	1567	160.mg	n.s.s.	6/49	13.0mg	5/48	25.9mg	5/49	51.8mg	10/46	Della Porta;zkko,106,97-101;1983

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code
a	1567	475.mg	n.s.s.	4/49	13.0mg	4/48	25.9mg	2/49	51.8mg	2/46				
5137	1567	171.mg	n.s.s.	11/50	10.8mg	0/48	21.6mg	8/50	43.2mg	10/49				
a	1567	232.mg	n.s.s.	5/50	10.8mg	10/48	21.6mg	5/50	43.2mg	5/49				
5138	1567	72.9mg	n.s.s.	16/46	13.0mg	31/49	25.9mg	23/50	51.8mg	23/47				
a	1567	765.mg	n.s.s.	0/46	13.0mg	1/49	25.9mg	0/50	51.8mg	0/47				
b	1567	149.mg	n.s.s.	14/46	13.0mg	12/49	25.9mg	16/50	51.8mg	13/47				
PILOCARPINE 92-13-7														
5139	1134	10.1mg	n.s.s.	3/33	4.29mg	4/34							Schmahl;zkko,86,77-84;1976	
5140	1134	30.0mg	n.s.s.	1/36	4.29mg	0/34								
a	1134	18.1mg	n.s.s.	1/36	4.29mg	1/34								
PIMARICIN 7681-93-8														
5141	240	639.mg	n.s.s.	1/40	6.25mg	1/35	12.5mg	0/35	25.0mg	0/35	50.0mg	0/40	Levinskas;txap,8,97-109;1966	
5142	240	320.mg	n.s.s.	0/40	5.00mg	0/35	10.0mg	0/35	20.0mg	1/35	40.0mg	0/40		
a	240	350.mg	n.s.s.	0/40	5.00mg	0/35	10.0mg	1/35	20.0mg	0/35	40.0mg	0/40		
PIPERAZINE 110-85-0														
5143	216	22.7mg	n.s.s.	0/15	7.36mg	0/15							Garcia;zkko,79,141-144;1973	
a	216	3.42mg	n.s.s.	4/15	7.36mg	8/15								
5144	216	19.9mg	n.s.s.	0/15	6.44mg	0/15								
a	216	5.79mg	n.s.s.	5/15	6.44mg	5/15								
PIPERIDINE 110-89-4														
5145	216	91.0mg	n.s.s.	0/15	29.4mg	0/15							Garcia;zkko,79,141-144;1973	
a	216	16.4mg	n.s.s.	4/15	29.4mg	7/15								
5146	216	79.6mg	n.s.s.	0/15	25.8mg	0/15								
a	216	29.2mg	n.s.s.	5/15	25.8mg	4/15								
PIPERONYL BUTOXIDE 51-03-6														
5147	TR120	241.mg	n.s.s.	15/20	135.mg	22/50	(364.mg	20/50)						
a	TR120	929.mg	n.s.s.	1/20	135.mg	2/50	364.mg	5/50					liv:hpa,hpc,nnd.	
b	TR120	1.49gm	n.s.s.	2/20	135.mg	6/50	364.mg	2/50					lun:a/a,a/c.	
5148	1096	82.0mg	n.s.s.	0/16	41.4mg	0/18							Innes;ntis,1968/1969	
a	1096	82.0mg	n.s.s.	0/16	41.4mg	0/18								
b	1096	25.1mg	n.s.s.	0/16	41.4mg	3/18								
5149	TR120	406.mg	n.s.s.	16/20	124.mg	32/50	336.mg	31/50						
a	TR120	528.mg	n.s.s.	10/20	124.mg	17/50	336.mg	20/50					liv:hpa,hpc,nnd.	
b	TR120	998.mg	n.s.s.	5/20	124.mg	6/50	336.mg	8/50					lun:a/a,a/c.	
5150	1096	13.1mg	274.mg	0/16	38.5mg	5/15							Innes;ntis,1968/1969	
a	1096	24.2mg	n.s.s.	0/16	38.5mg	2/15								
b	1096	63.6mg	n.s.s.	0/16	38.5mg	0/15								
c	1096	9.48mg	78.6mg	0/16	38.5mg	7/15								
5151	1096	34.8mg	n.s.s.	1/17	41.4mg	2/18								
a	1096	82.0mg	n.s.s.	0/17	41.4mg	0/18								
b	1096	29.7mg	n.s.s.	2/17	41.4mg	3/18								
5152	1096	50.5mg	n.s.s.	2/18	38.5mg	1/18								
a	1096	76.3mg	n.s.s.	1/18	38.5mg	0/18								
b	1096	54.0mg	n.s.s.	3/18	38.5mg	1/18								
5153	2144	347.mg	812.mg	0/51	780.mg	0/52	1.56gm	38/68					Takahashi;artx,68,467-469;1994/1997/pers.comm.	
a	2144	480.mg	1.29gm	0/51	780.mg	0/52	1.56gm	28/68						
b	2144	1.16gm	7.07gm	0/51	780.mg	0/52	1.56gm	10/68						
5154	2566	400.mg	2.89gm	4/120	30.0mg	1/60	100.mg	1/60	300.mg	12/60			Butler;huet,17,323-330;1998	
a	2566	515.mg	3.56gm	1/120	30.0mg	0/60	100.mg	0/60	300.mg	9/60				
b	2566	1.00gm	n.s.s.	3/120	30.0mg	0/60	100.mg	1/60	300.mg	3/60				
c	2566	2.10gm	n.s.s.	0/120	30.0mg	1/60	100.mg	0/60	300.mg	0/60				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc											Citation or Pathology	Brkly Code
5155	2144	172.mg	313.mg	1/52	720.mg	13/53	1.44gm	74/100											Takahashi;artx,68,467-469;1994/1997/pers.comm.	
a	2144	296.mg	589.mg	0/52	720.mg	6/53	1.44gm	52/100												
b	2144	645.mg	2.92gm	1/52	720.mg	7/53	1.44gm	22/100												
5156	2566	103.mg	296.mg	15/120	30.0mg	13/60	100.mg	21/60	300.mg	34/60									Butler;huet,17,323-330;1998	
a	2566	219.mg	648.mg	1/120	30.0mg	0/60	100.mg	9/60	300.mg	17/60										
b	2566	314.mg	n.s.s.	13/120	30.0mg	11/60	100.mg	10/60	300.mg	14/60										
c	2566	735.mg	n.s.s.	1/120	30.0mg	2/60	100.mg	2/60	300.mg	3/60										
d	2566	757.mg	n.s.s.	6/120	30.0mg	2/60	100.mg	2/60	300.mg	5/60										
5157	TR120	631.mg	27.1gm	1/20	250.mg	7/50	500.mg	15/50												S
a	TR120	422.mg	n.s.s.	15/20	250.mg	33/50	500.mg	33/50												
b	TR120	n.s.s.	n.s.s.	0/20	250.mg	0/50	500.mg	0/50											liv:hpa,hpc,nnd.	
5158	TR120	384.mg	n.s.s.	14/20	200.mg	34/50	400.mg	32/50												
a	TR120	5.20gm	n.s.s.	2/20	200.mg	0/50	400.mg	0/50											liv:hpa,hpc,nnd.	
5159	2566	3.16gm	n.s.s.	0/120	30.0mg	0/60	100.mg	1/60	500.mg	1/60									Butler;huet,17,323-330;1998	
5160	2566	3.14gm	n.s.s.	0/120	30.0mg	0/60	100.mg	0/60	500.mg	2/60										
a	2566	4.64gm	n.s.s.	2/120	30.0mg	0/60	100.mg	0/60	500.mg	1/60										
5161	1686	4.33gm	n.s.s.	0/47	236.mg	1/49	473.mg	0/49											Maekawa;fctx,23,675-682;1985	
a	1686	726.mg	n.s.s.	35/47	236.mg	39/49	473.mg	30/49												
5162	2143	621.mg	1.66gm	0/30	300.mg	0/30	600.mg	4/30	1.20gm	25/33									Takahashi;faat,22,293-303;1994/pers.comm.	
a	2143	1.22gm	4.71gm	0/30	300.mg	0/30	600.mg	0/30	1.20gm	15/33										
b	2143	1.32gm	5.56gm	0/30	300.mg	0/30	600.mg	4/30	1.20gm	10/33										
c	2143	4.70gm	n.s.s.	0/30	300.mg	0/30	600.mg	0/30	1.20gm	2/33										
5163	1686	1.88gm	n.s.s.	1/48	189.mg	1/48	378.mg	3/46											Maekawa;fctx,23,675-682;1985	
a	1686	3.28gm	n.s.s.	0/48	189.mg	0/48	378.mg	1/46												
b	1686	267.mg	n.s.s.	48/48	189.mg	48/48	378.mg	41/46												
5164	2143	314.mg	731.mg	0/30	240.mg	0/30	480.mg	12/30	960.mg	29/33									Takahashi;faat,22,293-303;1994/pers.comm.	
a	2143	508.mg	1.38gm	0/30	240.mg	0/30	480.mg	4/30	960.mg	24/33										
b	2143	634.mg	4.73gm	0/30	240.mg	0/30	480.mg	8/30	(960.mg)	5/33)										
c	2143	4.92gm	n.s.s.	0/30	240.mg	0/30	480.mg	0/30	960.mg	1/33										
5165	241	3.48gm	n.s.s.	1/24	4.50mg	0/24	45.0mg	0/24	450.mg	1/24	1.11gm	1/24							Sarles;atmh,1,862-883;1952	
a	241	4.25gm	n.s.s.	0/24	4.50mg	0/24	45.0mg	0/24	450.mg	0/24	1.11gm	1/24								

PIPERONYL BUTOXIDE IN SOLVENT (butacide) 51-03-6

5166	1097	187.mg	n.s.s.	1/17	157.mg	1/18													Innes;ntis,1968/1969	
a	1097	311.mg	n.s.s.	0/17	157.mg	0/18														
b	1097	113.mg	n.s.s.	2/17	157.mg	3/18														
5167	1097	173.mg	n.s.s.	1/18	146.mg	1/18														
a	1097	192.mg	n.s.s.	2/18	146.mg	1/18														
b	1097	115.mg	n.s.s.	3/18	146.mg	3/18														
5168	1097	311.mg	n.s.s.	0/16	157.mg	0/18														
a	1097	311.mg	n.s.s.	0/16	157.mg	0/18														
b	1097	311.mg	n.s.s.	0/16	157.mg	0/18														
5169	1097	63.9mg	n.s.s.	0/16	146.mg	4/16														
a	1097	258.mg	n.s.s.	0/16	146.mg	0/16														
b	1097	39.5mg	340.mg	0/16	146.mg	7/16														

PIPERONYL SULFOXIDE 120-62-7

5170	TR124	110.mg	n.s.s.	10/20	38.3mg	23/50	98.0mg	25/50												
a	TR124	215.mg	n.s.s.	1/20	38.3mg	3/50	98.0mg	6/50												liv:hpa,hpc,nnd.
b	TR124	523.mg	n.s.s.	2/20	38.3mg	2/50	98.0mg	2/50												lun:a/a,a/c.
5171	1099	31.1mg	n.s.s.	0/16	15.7mg	0/18														Innes;ntis,1968/1969
a	1099	31.1mg	n.s.s.	0/16	15.7mg	0/18														
b	1099	16.3mg	n.s.s.	0/16	15.7mg	1/18														
5172	TR124	31.0mg	n.s.s.	6/20	42.2mg	31/50	84.0mg	46/50												
a	TR124	46.4mg	n.s.s.	14/20	42.2mg	39/50	84.0mg	47/50												
b	TR124	31.0mg	n.s.s.	6/20	42.2mg	31/50	84.0mg	46/50												liv:hpa,hpc,nnd.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
c	TR124	106.mg	n.s.s.	6/20	42.2mg	10/50	(84.0mg	7/50)			
5173	1099	4.05mg	29.9mg	0/16	14.6mg	8/18				lun:a/a,a/c.	
a	1099	11.2mg	n.s.s.	0/16	14.6mg	2/18				Innes;ntis,1968/1969	
b	1099	29.0mg	n.s.s.	0/16	14.6mg	0/18					
c	1099	3.56mg	22.2mg	0/16	14.6mg	9/18					
5174	1099	17.5mg	n.s.s.	1/17	15.7mg	1/17					
a	1099	29.3mg	n.s.s.	0/17	15.7mg	0/17					
b	1099	13.8mg	n.s.s.	2/17	15.7mg	2/17					
5175	1099	12.3mg	n.s.s.	1/18	14.6mg	2/18					
a	1099	29.0mg	n.s.s.	2/18	14.6mg	0/18					
b	1099	15.1mg	n.s.s.	3/18	14.6mg	2/18					
5176	TR124	283.mg	n.s.s.	12/20	150.mg	24/50	300.mg	27/50			
a	TR124	n.s.s.	n.s.s.	0/20	150.mg	0/50	300.mg	0/50		liv:hpa,hpc,ndd.	
5177	TR124	60.1mg	n.s.s.	15/20	60.0mg	32/50	(120.mg	22/50)			
a	TR124	651.mg	n.s.s.	0/20	60.0mg	1/50	120.mg	1/50		liv:hpa,hpc,ndd.	
PIRMENOL.HCl (cis-(+)-alpha-[3-(2,6-dimethyl-1-piperidinyl)propyl]-alpha-phenyl-2-pyridinemethanol.HCl) 61477-94-9											
5178	2414	46.6mg	3.02gm	3/65	11.1mg	11/65	27.7mg	13/65	(55.4mg	3/65)	Macallum;drug,3,278-289;1991/pers.comm.
a	2414	255.mg	n.s.s.	2/65	11.1mg	3/65	27.7mg	2/65	55.4mg	5/65	
b	2414	254.mg	n.s.s.	5/65	11.1mg	3/65	27.7mg	4/65	55.4mg	6/65	
c	2414	312.mg	n.s.s.	2/65	11.1mg	2/65	27.7mg	3/65	55.4mg	3/65	
d	2414	611.mg	n.s.s.	4/65	11.1mg	0/65	27.7mg	1/65	55.4mg	2/65	
e	2414	81.7mg	n.s.s.	36/65	11.1mg	36/65	27.7mg	41/65	55.4mg	34/65	
5179	2414	156.mg	n.s.s.	8/65	11.1mg	11/65	27.7mg	10/65	55.4mg	11/65	
a	2414	484.mg	n.s.s.	1/65	11.1mg	0/65	27.7mg	2/65	55.4mg	1/65	
b	2414	318.mg	n.s.s.	15/65	11.1mg	15/65	27.7mg	13/65	55.4mg	8/65	
c	2414	189.mg	n.s.s.	14/65	11.1mg	18/65	27.7mg	21/65	55.4mg	11/65	
d	2414	64.9mg	n.s.s.	46/65	11.1mg	45/65	27.7mg	50/65	55.4mg	43/65	
5180	2414	9.66mg	37.9mg	14/50	11.1mg	36/50	27.7mg	36/50	(55.4mg	32/50)	
a	2414	617.mg	n.s.s.	0/50	11.1mg	1/50	27.7mg	0/50	55.4mg	0/50	
b	2414	28.1mg	n.s.s.	40/50	11.1mg	43/50	27.7mg	46/50	55.4mg	41/50	
5181	2414	44.2mg	n.s.s.	3/50	11.1mg	9/50	27.7mg	10/50	(55.4mg	3/50)	
a	2414	239.mg	n.s.s.	1/50	11.1mg	3/50	27.7mg	5/50	55.4mg	1/50	
b	2414	113.mg	n.s.s.	33/50	11.1mg	36/50	27.7mg	36/50	55.4mg	25/50	
PIROXICAM 36322-90-4											
5182	2078	10.7mg	n.s.s.	0/12	16.0mg	0/12					Reddy;carc,13,1019-1023;1992
PIVALOLACTONE 1955-45-9											
5183	TR140	55.7mg	n.s.s.	6/20	31.8mg	20/50	63.7mg	22/50			
a	TR140	340.mg	n.s.s.	0/20	31.8mg	2/50	63.7mg	0/50		liv:hpa,hpc,ndd.	
b	TR140	161.mg	n.s.s.	0/20	31.8mg	4/50	63.7mg	2/50		lun:a/a,a/c.	
5184	TR140	97.0mg	n.s.s.	12/20	31.8mg	24/50	63.7mg	25/50			
a	TR140	64.1mg	n.s.s.	4/20	31.8mg	10/50	(63.7mg	4/50)		liv:hpa,hpc,ndd.	
b	TR140	114.mg	n.s.s.	2/20	31.8mg	6/50	63.7mg	10/50		lun:a/a,a/c.	
5185	TR140	175.mg	1.03gm	0/20	63.1mg	2/50	126.mg	11/50		sto:sgc,sgp.	
a	TR140	62.5mg	n.s.s.	14/20	63.1mg	35/50	126.mg	34/50			
b	TR140	n.s.s.	n.s.s.	0/20	63.1mg	0/50	126.mg	0/50		liv:hpa,hpc,ndd.	
5186	TR140	96.7mg	293.mg	0/20	63.1mg	6/50	126.mg	21/50		sto:sgc,sgp.	
a	TR140	241.mg	12.5gm	0/20	63.1mg	1/50	126.mg	7/50			
b	TR140	66.4mg	n.s.s.	11/20	63.1mg	29/50	126.mg	34/50			
c	TR140	323.mg	n.s.s.	0/20	63.1mg	3/50	126.mg	2/50		liv:hpa,hpc,ndd.	
POLICOSANOL (ateromixol) 142583-61-7											
5187	2347	406.mg	n.s.s.	1/79	50.0mg	0/77	500.mg	0/78			
a	2347	2.37gm	n.s.s.	2/79	50.0mg	5/77	500.mg	2/78		Aleman;fctx,33,573-578;1995/pers.comm.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
b	2347	3.15gm	n.s.s.	2/79	50.0mg	0/77	500.mg	1/78								
c	2347	3.64gm	n.s.s.	0/79	50.0mg	1/77	500.mg	0/78								
d	2347	4.37gm	n.s.s.	1/79	50.0mg	1/77	500.mg	0/78								
5188	2347	185.mg	n.s.s.	0/78	50.0mg	2/79	(500.mg	0/77)								
a	2347	1.57gm	n.s.s.	1/78	50.0mg	3/79	500.mg	3/77								
b	2347	1.91gm	n.s.s.	3/78	50.0mg	3/79	500.mg	3/77								
c	2347	415.mg	n.s.s.	1/78	50.0mg	0/79	500.mg	0/77								
d	2347	4.08gm	n.s.s.	1/78	50.0mg	2/79	500.mg	0/77								
5189	2193	476.mg	n.s.s.	0/48	50.0mg	0/51	500.mg	0/49						Aleman;tcam,14,239-249;1994/pers.comm.		
5190	2196	.464mg	n.s.s.	0/20	.500mg	0/20	5.00mg	0/20	50.0mg	0/20	500.mg	0/20	0/20	Aleman;txlt,70,77-87;1994/pers.comm.		
a	2196	.464mg	n.s.s.	0/20	.500mg	0/20	5.00mg	0/20	50.0mg	0/20	500.mg	0/20	0/20			
5191	2193	3.11gm	n.s.s.	0/51	50.0mg	0/53	500.mg	1/51						Aleman;tcam,14,239-249;1994/pers.comm.		
a	2193	495.mg	n.s.s.	0/51	50.0mg	0/53	500.mg	0/51								
5192	2196	.464mg	n.s.s.	0/20	.500mg	0/20	5.00mg	0/20	50.0mg	0/20	500.mg	0/20	0/20	Aleman;txlt,70,77-87;1994/pers.comm.		
a	2196	.464mg	n.s.s.	0/20	.500mg	0/20	5.00mg	0/20	50.0mg	0/20	500.mg	0/20	0/20			
POLYBROMINATED BIPHENYL MIXTURE (firemaster FF-1) 67774-32-7																
5193	TR244	.250mg	1.66mg	0/13	14.2ug	0/19	42.5ug	2/15	.142mg	2/11	.425mg	3/17	1.45mg	7/8		
a	TR244	.141mg	2.97mg	12/13	14.2ug	13/19	42.5ug	12/15	.142mg	9/11	.425mg	16/17	1.45mg	8/8		
b	TR244	.180mg	1.22mg	0/13	14.2ug	2/19	42.5ug	2/15	.142mg	3/11	.425mg	4/17	1.45mg	8/8	liv:hpa,hpc,nnd.	
c	TR244	.285mg	n.s.s.	0/13	14.2ug	1/19	42.5ug	1/15	.142mg	1/11	.425mg	3/17	1.45mg	1/8	lun:a/a,a/c.	
5194	TR398	.204mg	.477mg	5/50	1.30mg	42/50	3.90mg	47/50							liv:hpa,hpc.	
a	TR398	.245mg	.562mg	4/50	1.30mg	39/50	3.90mg	46/50								
b	TR398	.364mg	.975mg	1/50	1.30mg	22/50	3.90mg	35/50								
c	TR398	.234mg	.601mg	25/50	1.30mg	46/50	3.90mg	47/50								
d	TR398	.204mg	.477mg	5/50	1.30mg	42/50	3.90mg	47/50							liv:hpa,hpb,hpc.	
e	TR398	3.06mg	n.s.s.	1/50	1.30mg	2/50	3.90mg	1/50							lun:a/a,a/c.	
5195	TR244	.200mg	.899mg	12/25	14.2ug	8/27	42.5ug	8/24	.142mg	12/25	.425mg	15/23	1.47mg	21/22		
a	TR244	.190mg	1.87mg	20/25	14.2ug	23/27	42.5ug	22/24	.142mg	23/25	.425mg	21/23	1.47mg	22/22		
b	TR244	.147mg	.685mg	14/25	14.2ug	9/27	42.5ug	12/24	.142mg	14/25	.425mg	17/23	1.47mg	22/22	liv:hpa,hpc,nnd.	
c	TR244	.471mg	n.s.s.	1/25	14.2ug	1/27	42.5ug	3/24	.142mg	4/25	.425mg	3/23	1.47mg	0/22	lun:a/a,a/c.	
5196	TR398	.139mg	.401mg	9/50	1.20mg	48/50	3.60mg	42/50								
a	TR398	.156mg	.453mg	16/50	1.20mg	48/50	3.60mg	48/50							liv:hpa,hpc.	
b	TR398	.319mg	.922mg	8/50	1.20mg	30/50	3.60mg	36/50								
c	TR398	.203mg	.660mg	37/50	1.20mg	48/50	3.60mg	48/50								
d	TR398	.156mg	.453mg	16/50	1.20mg	48/50	3.60mg	48/50							liv:hpa,hpb,hpc.	
e	TR398	1.92mg	n.s.s.	13/50	1.20mg	10/50	3.60mg	2/50							lun:a/a,a/c.	
5197	TR244	.323mg	1.22mg	0/20	14.4ug	2/21	43.2ug	0/21	.144mg	2/11	.432mg	7/19	1.51mg	16/20	liv:clc,hpc,nnd.	
a	TR244	.505mg	3.47mg	0/20	14.4ug	2/21	43.2ug	0/21	.144mg	2/11	.432mg	5/19	1.51mg	8/20		
b	TR244	.619mg	4.21mg	0/20	14.4ug	0/21	43.2ug	0/21	.144mg	0/11	.432mg	3/19	1.51mg	7/20		
c	TR244	.800mg	6.40mg	0/20	14.4ug	0/21	43.2ug	0/21	.144mg	0/11	.432mg	0/19	1.51mg	7/20		
d	TR244	.136mg	13.7mg	18/20	14.4ug	18/21	43.2ug	17/21	.144mg	11/11	.432mg	19/19	1.51mg	17/20		
e	TR244	.343mg	1.35mg	0/20	14.4ug	2/21	43.2ug	0/21	.144mg	2/11	.432mg	7/19	1.51mg	15/20	liv:hpa,hpc,nnd.	
5198	TR398	.464mg	.970mg	0/50	.500mg	12/50	1.50mg	39/50							liv:hpa,hpc.	
a	TR398	.490mg	1.05mg	0/50	.500mg	10/50	1.50mg	38/50								
b	TR398	.616mg	n.s.s.	4/50	.500mg	11/50	(1.50mg	2/50)								S
c	TR398	3.34mg	n.s.s.	0/50	.500mg	2/50	1.50mg	4/50								
d	TR398	.699mg	n.s.s.	40/50	.500mg	42/50	1.50mg	47/50								
e	TR398	.464mg	.970mg	0/50	.500mg	12/50	1.50mg	39/50							liv:hpa,hpb,hpc.	
5199	TR244	45.7ug	.491mg	0/33	15.1ug	2/39	46.2ug	1/40	.151mg	5/31	.478mg	10/33	1.73mg	10/32	liv:clc,hpc,nnd.	
a	TR244	47.2ug	.608mg	0/33	15.1ug	0/39	46.2ug	1/40	.151mg	4/31	.478mg	4/33	1.73mg	1/32		
b	TR244	.484mg	3.70mg	0/33	15.1ug	2/39	46.2ug	0/40	.151mg	1/31	.478mg	7/33	1.73mg	7/32		
c	TR244	3.45mg	286.mg	0/33	15.1ug	0/39	46.2ug	0/40	.151mg	0/31	.478mg	0/33	1.73mg	2/32		
d	TR244	29.8ug	.163mg	30/33	15.1ug	34/39	46.2ug	34/40	.151mg	24/31	.478mg	25/33	1.73mg	18/32		
e	TR244	45.9ug	.619mg	0/33	15.1ug	2/39	46.2ug	1/40	.151mg	5/31	.478mg	10/33	1.73mg	8/32	liv:hpa,hpc,nnd.	
5200	TR398	.282mg	.646mg	1/50	.400mg	12/50	1.20mg	41/50							liv:hpa,hpc.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	TR398	.313mg	.745mg	1/50	.400mg	10/50	1.20mg	38/50				
b	TR398	.700mg	2.25mg	0/50	.400mg	2/50	1.20mg	19/50				
c	TR398	.429mg	n.s.s.	45/50	.400mg	48/50	1.20mg	50/50				
d	TR398	.282mg	.646mg	1/50	.400mg	12/50	1.20mg	41/50				liv:hpa,hpb,hpc.
POLYBROMINATED BIPHENYLS (firemaster BP-6) 59536-65-1												
5201	1061	1.86mg	n.s.s.	0/8	2.50mg	0/12					Schwartz;jnci,64,63-67;1980	
a	1061	.962mg	n.s.s.	0/8	2.50mg	1/12						
POLYDEXTROSE, ACID FORM 68424-04-4												
5202	2126	25.7gm	n.s.s.	0/49	6.50gm	0/49	13.0gm	0/48			Burdock;fctx,37,233-264;1999/pers.comm.	
5203	2126	13.9gm	n.s.s.	5/49	6.00gm	10/50	12.0gm	9/50				
POLYOXYETHYLENE(10)NONYLPHENYL ETHER (NP-10) 26027-38-3												
5204	2620	1.34gm	n.s.s.	5/50	65.0mg	8/50	195.mg	9/50	585.mg	8/50	Inoue;jtxs,24,149-166;1999	
a	2620	3.92gm	n.s.s.	5/50	65.0mg	3/50	195.mg	3/50	585.mg	2/50		
5205	2614m	464.mg	n.s.s.	0/20	450.mg	0/20					Inoue;jtxs,24,167-193;1999/pers.comm.	
5206	2614n	4.64gm	n.s.s.	3/50	450.mg	0/50						
POLYSORBATE 80 9005-65-6												
5207	TR415	5.34gm	n.s.s.	30/51	3.19gm	16/50	6.42gm	29/50				
a	TR415	23.6gm	n.s.s.	3/51	3.19gm	2/50	6.42gm	2/50				liv:hpa,hpc,nnd.
b	TR415	18.1gm	n.s.s.	3/51	3.19gm	2/50	6.42gm	3/50				lun:a/a,a/c.
5208	TR415	5.33gm	n.s.s.	32/53	2.95gm	34/53	5.92gm	31/50				
a	TR415	12.5gm	n.s.s.	15/53	2.95gm	13/53	5.92gm	11/50				liv:hpa,hpc,nnd.
b	TR415	15.7gm	n.s.s.	6/53	2.95gm	6/53	5.92gm	5/50				lun:a/a,a/c.
5209	TR415	5.46gm	n.s.s.	0/50	1.23gm	1/50	2.47gm	3/50				S
a	TR415	1.41gm	n.s.s.	49/50	1.23gm	48/50	2.47gm	48/50				
b	TR415	5.46gm	n.s.s.	0/50	1.23gm	1/50	2.47gm	3/50				liv:hpa,hpc,nnd.
5210	TR415	1.02gm	n.s.s.	21/50	1.00gm	19/50	2.00gm	29/50				amd:pbb,phm,pob.
a	TR415	781.mg	n.s.s.	47/50	1.00gm	46/50	2.00gm	46/50				
b	TR415	8.20gm	n.s.s.	2/50	1.00gm	0/50	2.00gm	2/50				liv:hpa,hpc,nnd.
POLYVINYLPIRIDINE-N-OXIDE 9045-81-2												
5211	1419	48.0mg	n.s.s.	3/39	8.24mg	2/50					Schmahl;arzn,19,1313-1314;1969	
a	1419	14.9mg	n.s.s.	14/39	8.24mg	17/50						
b	1419	30.9mg	n.s.s.	3/39	8.24mg	4/50						
5212	1419	18.2mg	n.s.s.	4/48	5.89mg	5/48						
a	1419	21.8mg	n.s.s.	4/48	5.89mg	4/48						
POTASSIUM BICARBONATE 298-14-6												
5213	2095m	2.03gm	n.s.s.	0/15	1.00gm	0/15	2.00gm	2/15			Lina;carc,15,523-527;1994/pers.comm.	
a	2095m	1.16gm	n.s.s.	0/15	1.00gm	0/15	2.00gm	0/15				
5214	2095n	6.43gm	36.1gm	0/48	1.00gm	2/48	2.00gm	9/47				
a	2095n	8.94gm	126.gm	0/48	1.00gm	1/48	2.00gm	6/47				
b	2095n	12.8gm	n.s.s.	0/48	1.00gm	1/48	2.00gm	3/47				
5215	2095m	1.57gm	n.s.s.	0/15	800.mg	1/13	1.60gm	1/15				
a	2095m	2.11gm	n.s.s.	0/15	800.mg	0/13	1.60gm	1/15				
b	2095m	2.13gm	n.s.s.	0/15	800.mg	1/13	1.60gm	0/15				
5216	2095n	5.98gm	n.s.s.	0/48	800.mg	5/50	1.60gm	3/49				
a	2095n	7.26gm	n.s.s.	0/48	800.mg	4/50	1.60gm	2/49				
b	2095n	13.4gm	n.s.s.	0/48	800.mg	1/50	1.60gm	1/49				
POTASSIUM CHLORIDE 7447-40-7												
5217	1807	1.84gm	n.s.s.	11/50	100.mg	16/50	400.mg	20/50	1.60gm	19/50	Imai;jnma,37,115-127;1986	
a	1807	5.60gm	n.s.s.	0/50	100.mg	6/50	400.mg	1/50	1.60gm	4/50		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code	
5218	2095m	2.61gm	n.s.s.	0/15	1.50gm	0/15				Lina;carc,15,523-527;1994/pers.comm.		
5219	2095n	12.9gm	n.s.s.	0/48	1.50gm	1/50						
a	2095n	24.2gm	n.s.s.	0/48	1.50gm	0/50						
5220	2095m	1.95gm	n.s.s.	0/15	1.20gm	0/14						
5221	2095n	16.4gm	n.s.s.	0/48	1.20gm	0/49						
POTASSIUM IODIDE 7681-11-0												
5222	2520	169.mg	7.59gm	0/40	.571mg	0/40	5.71mg	0/40	57.1mg	3/40	Takegawa;gann,89,105-109;1998/2000	
a	2520	79.4mg	n.s.s.	1/40	.571mg	7/40	5.71mg	2/40	57.1mg	10/40		
b	2520	4.24mg	n.s.s.	0/40	.571mg	0/40	5.71mg	0/40	57.1mg	0/40		
5223	2520	125.mg	2.04gm	0/40	.500mg	0/40	5.00mg	0/40	50.0mg	4/40		
a	2520	389.mg	n.s.s.	1/40	.500mg	0/40	5.00mg	1/40	50.0mg	0/40		
PRACTOLOL (eraldin) 6673-35-4												
5224	2358m	104.mg	n.s.s.	2/24	20.0mg	5/24	100.mg	3/25			Cruickshank;stnd,93-123;1984	
a	2358m	217.mg	n.s.s.	0/24	20.0mg	1/24	100.mg	0/25				
5225	2358m	85.7mg	n.s.s.	2/25	20.0mg	2/23	100.mg	4/24				
a	2358m	130.mg	n.s.s.	4/25	20.0mg	1/23	100.mg	3/24				
5226	2358n	68.1mg	n.s.s.	0/20	20.0mg	0/20	100.mg	0/19				
5227	2358n	9.97mg	293.mg	1/20	16.0mg	8/20	(80.0mg)	1/20)				
a	2358n	79.0mg	1.55gm	0/20	16.0mg	1/20	80.0mg	5/20				
b	2358n	55.0mg	n.s.s.	0/20	16.0mg	0/20	80.0mg	0/20				
PRANLUKAST HYDRATE (ONO-1078 HYDRATE) 150821-03-7												
5228	2388m	1.03gm	n.s.s.	0/19	1.00gm	0/20						Yonezawa;phrm,44,219-242;1992
5229	2388n	276.mg	n.s.s.	0/5	923.mg	0/5						
5230	2388m	979.mg	n.s.s.	0/19	1.00gm	0/19						
5231	2388n	276.mg	n.s.s.	1/5	923.mg	0/5						
PRAZEPAM 2955-38-6												
5232	2139	108.mg	15.3gm	5/100	8.00mg	0/50	25.0mg	3/50	75.0mg	8/50	de la Iglesia;txap,57,39-54;1981/pers.comm.	
a	2139	54.5mg	n.s.s.	21/100	8.00mg	11/50	25.0mg	17/50	75.0mg	17/50		
b	2139	142.mg	n.s.s.	16/100	8.00mg	4/50	25.0mg	9/50	75.0mg	7/50		
c	2139	338.mg	n.s.s.	1/100	8.00mg	1/50	25.0mg	2/50	75.0mg	0/50		
d	2139	452.mg	n.s.s.	1/100	8.00mg	0/50	25.0mg	1/50	75.0mg	0/50		
e	2139	40.6mg	n.s.s.	41/100	8.00mg	16/50	25.0mg	22/50	75.0mg	27/50		
f	2139	86.2mg	n.s.s.	11/100	8.00mg	4/50	25.0mg	8/50	75.0mg	10/50		
g	2139	41.5mg	n.s.s.	49/100	8.00mg	18/50	25.0mg	27/50	75.0mg	28/50		
5233	2139	296.mg	n.s.s.	1/100	8.00mg	0/50	25.0mg	1/50	75.0mg	1/50		
a	2139	179.mg	n.s.s.	7/100	8.00mg	5/50	25.0mg	4/50	75.0mg	4/50		
b	2139	135.mg	n.s.s.	10/100	8.00mg	7/50	25.0mg	11/50	75.0mg	5/50		
c	2139	175.mg	n.s.s.	19/100	8.00mg	4/50	25.0mg	7/50	75.0mg	7/50		
d	2139	164.mg	n.s.s.	6/100	8.00mg	0/50	25.0mg	2/50	75.0mg	5/50		
e	2139	80.2mg	n.s.s.	38/100	8.00mg	15/50	25.0mg	21/50	75.0mg	18/50		
f	2139	89.6mg	n.s.s.	35/100	8.00mg	15/50	25.0mg	21/50	75.0mg	16/50		
5234	2139	80.4mg	n.s.s.	41/115	8.00mg	26/65	25.0mg	25/65	75.0mg	33/65		
a	2139	431.mg	n.s.s.	1/115	8.00mg	0/65	25.0mg	1/65	75.0mg	3/65		
b	2139	314.mg	n.s.s.	34/115	8.00mg	18/65	25.0mg	23/65	75.0mg	13/65		
c	2139	145.mg	n.s.s.	18/115	8.00mg	9/65	25.0mg	13/65	75.0mg	16/65		
d	2139	55.1mg	n.s.s.	80/115	8.00mg	42/65	25.0mg	50/65	75.0mg	48/65		
e	2139	91.5mg	n.s.s.	72/115	8.00mg	39/65	25.0mg	46/65	75.0mg	40/65		
5235	2139	587.mg	n.s.s.	0/115	8.00mg	0/65	25.0mg	1/65	75.0mg	1/65		
a	2139	548.mg	n.s.s.	1/115	8.00mg	0/65	25.0mg	2/65	75.0mg	1/65		
b	2139	385.mg	n.s.s.	17/115	8.00mg	2/65	25.0mg	6/65	75.0mg	7/65		
c	2139	183.mg	n.s.s.	37/115	8.00mg	7/65	25.0mg	16/65	75.0mg	19/65		
d	2139	137.mg	n.s.s.	57/115	8.00mg	21/65	25.0mg	26/65	75.0mg	30/65		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc						Citation or Pathology	Brkly Code
e	2139	254.mg	n.s.s.	23/115	8.00mg	16/65	25.0mg	12/65	75.0mg	13/65					
PRAZIQUANTEL (embay 8440, droncit) 55268-74-1															
5236	1519m	50.3mg	n.s.s.	12/99	14.3mg	9/50	35.7mg	8/49						Ketkar;txcy,24,345-350;1982	
5237	1519m	79.5mg	n.s.s.	23/99	14.3mg	16/49	35.7mg	7/50							
5238	1519n	57.7mg	n.s.s.	76/97	11.4mg	37/50	28.6mg	35/50							
5239	1519n	106.mg	n.s.s.	61/103	11.4mg	27/50	28.6mg	23/50							
PREDNIMUSTINE 29069-24-7															
5240	1770	6.64mg	167.mg	0/120	1.29mg	2/30	2.58mg	2/30						Berger;smon,13,8-13;1986	
a	1770	2.92mg	n.s.s.	43/120	1.29mg	12/30	2.58mg	13/30							
b	1770	5.23mg	n.s.s.	13/120	1.29mg	3/30	2.58mg	6/30							
PREDNISOLONE 50-24-8															
5241	2059	.799mg	4.81mg	11/200	.400mg	21/100								Ryrfeldt;txpy,20,115-117;1992	
a	2059	1.04mg	9.22mg	7/200	.400mg	15/100									
b	2059	2.05mg	n.s.s.	4/200	.400mg	6/100									
5242	1770	.599mg	n.s.s.	43/120	.323mg	12/30	.645mg	15/30						Berger;smon,13,8-13;1986	
a	1770	2.37mg	n.s.s.	13/120	.323mg	4/30	.645mg	2/30							
PREDNISONE 53-03-2															
5243	2104	19.7mg	n.s.s.	6/48	.250mg	4/50	.500mg	3/50	1.00mg	2/50	5.00mg	2/49		Dillberger;txpy,20,18-26;1992	
a	2104	22.1mg	n.s.s.	0/48	.250mg	0/50	.500mg	0/50	1.00mg	1/50	5.00mg	0/49			
b	2104	31.0mg	n.s.s.	3/47	.250mg	3/50	.500mg	1/50	1.00mg	1/50	5.00mg	0/49			
5244	2104	3.52mg	n.s.s.	12/50	.250mg	7/50	.500mg	8/50	1.00mg	4/50	(5.00mg	1/50)			
a	2104	17.7mg	n.s.s.	9/50	.250mg	6/50	.500mg	4/50	1.00mg	6/50	5.00mg	3/50			
PREMARIN (conjugated equine estrogens) 12126-59-9															
5245	108	.262mg	n.s.s.	0/20	70.0ug	0/20	.700mg	0/20						Gibson;txap,11,489-510;1967	
5246	108	2.32mg	n.s.s.	0/20	70.0ug	1/20	.700mg	0/20							
PRIMIDOLOL.HCl 40778-40-3															
5247	1669	95.9mg	n.s.s.	8/100	12.5mg	5/50	25.0mg	2/49	50.0mg	7/50				Faccini;txcy,21,279-290;1981	
a	1669	272.mg	n.s.s.	0/100	12.5mg	0/50	25.0mg	1/49	50.0mg	0/50					
b	1669	271.mg	n.s.s.	0/100	12.5mg	0/50	25.0mg	0/49	50.0mg	1/50					
c	1669	25.5mg	595.mg	24/100	12.5mg	19/50	25.0mg	17/49	50.0mg	24/50					
5248	1669	130.mg	n.s.s.	2/100	50.0mg	2/50									
a	1669	290.mg	n.s.s.	1/100	50.0mg	0/50									
b	1669	290.mg	n.s.s.	8/100	50.0mg	0/50									
c	1669	290.mg	n.s.s.	1/100	50.0mg	0/50									
d	1669	121.mg	n.s.s.	22/100	50.0mg	7/50									
e	1669	101.mg	n.s.s.	48/100	50.0mg	15/50									
PRIMIDONE 125-33-7															
5249	TR476	14.6mg	115.mg	15/50	37.9mg	42/50	(75.8mg	45/50	164.mg	47/50)					
a	TR476	14.9mg	142.mg	16/50	37.9mg	42/50	(75.8mg	45/50	164.mg	50/50)				liv:hpa,hpc.	
b	TR476	24.2mg	157.mg	16/50	37.9mg	42/50	75.8mg	46/50	(164.mg	50/50)				liv:hpa,hpb,hpc.	
c	TR476	67.2mg	167.mg	3/50	37.9mg	11/50	75.8mg	19/50	164.mg	38/50					
d	TR476	67.3mg	175.mg	4/50	37.9mg	12/50	75.8mg	20/50	164.mg	39/50				liv:hpb,hpc.	
e	TR476	399.mg	n.s.s.	1/50	37.9mg	4/50	75.8mg	4/50	164.mg	4/50					
f	TR476	63.2mg	n.s.s.	34/50	37.9mg	47/50	75.8mg	47/50	164.mg	50/50					
g	TR476	24.2mg	157.mg	16/50	37.9mg	42/50	75.8mg	46/50	(164.mg	50/50)				liv:hpa,hpb,hpc.	
h	TR476	844.mg	n.s.s.	7/50	37.9mg	5/50	75.8mg	4/50	164.mg	3/50				lun:a/a,a/c.	
5250	TR476	13.6mg	76.5mg	12/50	35.0mg	39/50	(70.1mg	40/50	152.mg	39/50)				liv:hpb,hpc.	
a	TR476	35.9mg	80.7mg	0/50	35.0mg	17/50	70.1mg	26/50	(152.mg	7/50)					S
b	TR476	34.3mg	119.mg	12/50	35.0mg	31/50	70.1mg	35/50	152.mg	38/50					S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
c	TR476	32.2mg	264.mg	31/50	35.0mg	49/50	70.1mg	49/50	152.mg	46/50		liv:hpa,hpb,hpc.
d	TR476	32.2mg	264.mg	31/50	35.0mg	49/50	70.1mg	49/50	152.mg	46/50	liv:hpa,hpb,hpc; thy:fca.	M
e	TR476	32.4mg	261.mg	31/50	35.0mg	48/50	70.1mg	47/50	152.mg	46/50		liv:hpa,hpc.
f	TR476	179.mg	1.43gm	0/50	35.0mg	3/50	70.1mg	3/50	152.mg	6/50		
g	TR476	22.8mg	34.3gm	22/50	35.0mg	41/50	70.1mg	39/50	(152.mg)	32/50)		S
h	TR476	391.mg	n.s.s.	1/50	35.0mg	0/50	70.1mg	0/50	152.mg	5/50		S
i	TR476	36.9mg	3.75gm	40/50	35.0mg	50/50	70.1mg	50/50	152.mg	47/50		
j	TR476	32.2mg	264.mg	31/50	35.0mg	49/50	70.1mg	49/50	152.mg	46/50	liv:hpa,hpb,hpc.	
k	TR476	229.mg	n.s.s.	11/50	35.0mg	9/50	70.1mg	6/50	152.mg	9/50	lun:a/a,a/c.	
5251	TR476	104.mg	n.s.s.	47/50	29.3mg	44/50	63.6mg	41/50	122.mg	46/50		
a	TR476	631.mg	n.s.s.	0/50	29.3mg	1/50	63.6mg	0/50	122.mg	1/50	liv:hpa,hpb,hpc.	
5252	TR476	4.97mg	15.2mg	41/50	23.5mg	44/50	50.8mg	42/50	100.mg	43/50	tes:iab,ica.	S
a	TR476	10.4mg	75.6mg	23/50	23.5mg	28/50	50.8mg	24/50	100.mg	12/50	amd:pbb,phm,pob.	S
b	TR476	10.4mg	75.6mg	23/50	23.5mg	28/50	50.8mg	24/50	100.mg	12/50	amd:pbb,pob.	S
c	TR476	29.4mg	557.mg	2/50	23.5mg	4/50	50.8mg	7/50	100.mg	4/50	thy:fca,fcc.	
d	TR476	63.2mg	2.02gm	1/50	23.5mg	1/50	50.8mg	6/50	100.mg	3/50		S
e	TR476	69.1mg	n.s.s.	2/50	23.5mg	1/50	50.8mg	1/50	100.mg	2/50	kid:rua,ruc.	
f	TR476	80.1mg	n.s.s.	2/50	23.5mg	1/50	50.8mg	1/50	100.mg	1/50		
g	TR476	7.98mg	50.2mg	49/50	23.5mg	45/50	50.8mg	46/50	100.mg	26/50		
h	TR476	32.3mg	n.s.s.	1/50	23.5mg	1/50	50.8mg	1/50	100.mg	1/50	liv:hpa,hpb,hpc.	
5253	TR476	295.mg	n.s.s.	4/50	23.5mg	2/50	50.8mg	4/50	100.mg	7/50	kid:rua,ruc.	
a	TR476	325.mg	n.s.s.	4/50	23.5mg	2/50	50.8mg	4/50	100.mg	6/50		
PROBENECID 57-66-9												
5254	TR395	256.mg	3.80gm	5/50	70.4mg	3/50	282.mg	16/50			liv:hpa,hpc.	
a	TR395	273.mg	2.65gm	3/50	70.4mg	2/50	282.mg	14/50				
b	TR395	161.mg	n.s.s.	23/50	70.4mg	21/50	282.mg	31/50				
c	TR395	256.mg	3.80gm	5/50	70.4mg	3/50	282.mg	16/50			liv:hpa,hpc,nnd.	
d	TR395	488.mg	n.s.s.	3/50	70.4mg	4/50	282.mg	6/50			lun:a/a,a/c.	
5255	TR395	643.mg	n.s.s.	0/50	70.5mg	0/50	282.mg	3/50				S
a	TR395	122.mg	n.s.s.	25/50	70.5mg	26/50	282.mg	36/50				
b	TR395	241.mg	n.s.s.	15/50	70.5mg	12/50	282.mg	19/50			liv:hpa,hpc,nnd.	
c	TR395	466.mg	n.s.s.	5/50	70.5mg	4/50	282.mg	6/50			lun:a/a,a/c.	
5256	TR395	129.mg	n.s.s.	48/50	70.1mg	46/50	280.mg	37/50				
a	TR395	543.mg	n.s.s.	0/50	70.1mg	1/50	280.mg	2/50			liv:hpa,hpc,nnd.	
5257	TR395	85.3mg	n.s.s.	45/50	70.0mg	39/50	281.mg	44/50			tes:iab,ica.	S
a	TR395	107.mg	n.s.s.	42/50	70.0mg	41/50	281.mg	41/50				
b	TR395	1.13gm	n.s.s.	1/50	70.0mg	2/50	281.mg	0/50			liv:hpa,hpc,nnd.	
PROCARBAZINE 671-16-9												
5258	1017	1.92mg	17.2mg	7/89	1.71mg	15/48					Schmahl; arzn, 20, 1461-1467; 1970	
a	1017	1.95mg	12.4mg	4/89	1.71mg	14/48						
b	1017	11.4mg	n.s.s.	3/89	1.71mg	1/48						
PROCARBAZINE.HCl 366-70-1												
5259	TR19	65.1ug	.432mg	0/15	2.00mg	19/35	5.20mg	18/35			---:leu,lym; bra:oln; lun:a/a; ute:acn.	C
a	TR19	68.9ug	.728mg	0/15	2.00mg	14/35	5.20mg	8/35				
b	TR19	.289mg	2.96mg	0/15	2.00mg	8/35	5.20mg	2/35			---:leu,lym.	
c	TR19	.308mg	5.34mg	0/15	2.00mg	6/35	5.20mg	2/35				
d	TR19	1.05mg	19.5mg	0/15	2.00mg	1/35	5.20mg	6/35				
e	TR19	2.93mg	16.6mg	0/15	2.00mg	0/35	5.20mg	11/35				
f	TR19	65.0ug	.422mg	0/15	2.00mg	19/35	5.20mg	20/35				
g	TR19	n.s.s.	n.s.s.	0/15	2.00mg	0/35	5.20mg	0/35			liv:hpa,hpc,nnd.	
h	TR19	1.05mg	19.5mg	0/15	2.00mg	1/35	5.20mg	6/35			lun:a/a,a/c.	
5260	TR19	.203mg	.834mg	0/45p	2.00mg	14/35	5.20mg	8/35				
a	TR19	.258mg	2.69mg	1/45p	2.00mg	8/35	5.20mg	2/35			---:leu,lym.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR19	.283mg	4.57mg	1/45p	2.00mg	6/35	5.20mg	2/35		
c	TR19	.927mg	13.6mg	0/45p	2.00mg	1/35	5.20mg	6/35		
d	TR19	2.60mg	13.2mg	0/45p	2.00mg	0/35	5.20mg	11/35		
5261	TR19	.289mg	.947mg	0/15	1.90mg	14/35	4.80mg	19/35	---:leu,lym; bra:oln,ulc; lun:a/a,a/c.	C
a	TR19	.323mg	1.39mg	0/15	1.90mg	11/35	4.80mg	10/35		lun:a/a,a/c.
b	TR19	.369mg	1.63mg	0/15	1.90mg	10/35	4.80mg	10/35		
c	TR19	1.36mg	135.mg	0/15	1.90mg	4/35	4.80mg	4/35	---:leu,lym.	
d	TR19	2.07mg	13.1mg	0/15	1.90mg	0/35	4.80mg	10/35	bra:oln,ulc.	
e	TR19	2.28mg	17.1mg	0/15	1.90mg	0/35	4.80mg	9/35		
f	TR19	.271mg	.821mg	0/15	1.90mg	18/35	4.80mg	20/35		
g	TR19	1.27mg	222.mg	0/15	1.90mg	3/35	4.80mg	3/35		liv:hpa,hpc,nnd.
h	TR19	.323mg	1.39mg	0/15	1.90mg	11/35	4.80mg	10/35		lun:a/a,a/c.
5262	TR19	.323mg	1.31mg	0/45p	1.90mg	11/35	4.80mg	10/35		lun:a/a,a/c.
a	TR19	.369mg	1.53mg	0/45p	1.90mg	10/35	4.80mg	10/35		
b	TR19	1.36mg	13.8mg	0/45p	1.90mg	4/35	4.80mg	4/35	---:leu,lym.	
c	TR19	2.07mg	11.7mg	0/45p	1.90mg	0/35	4.80mg	10/35	bra:oln,ulc.	
d	TR19	2.28mg	14.6mg	0/45p	1.90mg	0/35	4.80mg	9/35		
5263	1336	.446mg	4.68mg	20/154	1.75mg	10/19			Skipper;srfr;1976/Weisburger;canc;1977/Prejean pers.comm.	
a	1336	1.12mg	26.7mg	0/154	1.75mg	3/19				
b	1336	1.41mg	82.8mg	0/154	1.75mg	2/19				
c	1336	1.43mg	n.s.s.	1/154	1.75mg	2/19				
d	1336	1.47mg	n.s.s.	3/154	1.75mg	2/19				
e	1336	3.66mg	n.s.s.	1/154	1.75mg	0/19				
f	1336	92.6ug	.683mg	42/154	1.75mg	18/19				
g	1336	.181mg	1.03mg	29/154	1.75mg	16/19				
h	1336	1.74mg	n.s.s.	13/154	1.75mg	2/19				
5264	1336	.683mg	6.43mg	9/101	1.71mg	11/27				
a	1336	5.35mg	n.s.s.	2/101	1.71mg	0/27				
b	1336	.492mg	9.99mg	28/101	1.71mg	16/27				
c	1336	.689mg	94.8mg	19/101	1.71mg	12/27				
d	1336	1.74mg	n.s.s.	9/101	1.71mg	4/27				
5265	2004	1.34mg	109.mg	0/49	3.96mg	2/8			Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.	
a	2004	3.65mg	544.mg	0/67	3.96mg	2/13				
b	2004	1.01mg	n.s.s.	0/16	3.96mg	1/3				
c	2004	3.43mg	n.s.s.	0/49	3.96mg	1/9				
d	2004	3.83mg	n.s.s.	0/50	3.96mg	1/10				
e	2004	.622mg	6.53mg	1/67	3.96mg	7/13				
5266	2004	1.48mg	14.4mg	0/105	3.78mg	6/22				
a	2004	.840mg	n.s.s.	0/18	3.78mg	1/2				
b	2004	5.32mg	n.s.s.	0/64	3.78mg	1/10				
c	2004	6.44mg	n.s.s.	0/68	3.78mg	1/12				
d	2004	.722mg	7.08mg	5/105	3.78mg	9/22				
5267	TR19	.106mg	.701mg	0/10	3.15mg	25/36	10.8mg	30/35	---:lym; bra:oln; crb:mua; mgl:acn,adn.	C
a	TR19	.112mg	1.47mg	0/10	3.15mg	17/36	10.8mg	3/35	bra:oln; crb:mua.	
b	TR19	.112mg	1.51mg	0/10	3.15mg	17/36	10.8mg	2/35		
c	TR19	.112mg	1.37mg	0/10	3.15mg	17/36	10.8mg	25/35	mgl:acn,adn.	
d	TR19	.112mg	1.37mg	0/10	3.15mg	16/36	10.8mg	25/35		
e	TR19	2.79mg	9.68mg	0/10	3.15mg	0/36	10.8mg	20/35		
f	TR19	.105mg	.668mg	4/10	3.15mg	27/36	10.8mg	30/35		
g	TR19	n.s.s.	n.s.s.	0/10	3.15mg	0/36	10.8mg	0/35	liv:hpa,hpc,nnd.	
5268	TR19	96.8ug	1.10mg	0/40p	3.15mg	17/36	10.8mg	3/35	bra:oln; crb:mua.	
a	TR19	96.9ug	1.11mg	0/40p	3.15mg	17/36	10.8mg	2/35		
b	TR19	96.7ug	1.14mg	3/40p	3.15mg	17/36	10.8mg	25/35	mgl:acn,adn.	
c	TR19	96.8ug	1.15mg	2/40p	3.15mg	16/36	10.8mg	25/35		
d	TR19	2.41mg	8.16mg	0/40p	3.15mg	0/36	10.8mg	20/35		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
5269	TR19	.104mg	.627mg	1/10	2.20mg	16/34	6.20mg	24/35			
a	TR19	.110mg	1.13mg	0/10	2.20mg	12/34	6.20mg	9/35		---:leu,lym; bra:can,oln; mgl:acn,adn; olb:acn. C	
b	TR19	1.00mg	5.59mg	1/10	2.20mg	3/34	6.20mg	12/35		bra:can,oln; olb:acn.	
c	TR19	1.93mg	20.1mg	0/10	2.20mg	1/34	6.20mg	8/35		---:leu,lym.	
d	TR19	2.00mg	29.1mg	0/10	2.20mg	1/34	6.20mg	7/35		mgl:acn,adn.	
e	TR19	84.2ug	.361mg	4/10	2.20mg	19/34	6.20mg	30/35			
f	TR19	n.s.s.	n.s.s.	0/10	2.20mg	0/34	6.20mg	0/35		liv:hpa,hpc,nnd.	
5270	TR19	.110mg	.885mg	0/40p	2.20mg	12/34	6.20mg	9/35		bra:can,oln; olb:acn.	
a	TR19	1.00mg	4.63mg	1/40p	2.20mg	3/34	6.20mg	12/35		---:leu,lym.	
b	TR19	1.10mg	6.37mg	1/40p	2.20mg	3/34	6.20mg	9/35			
c	TR19	1.93mg	12.8mg	1/40p	2.20mg	1/34	6.20mg	8/35		mgl:acn,adn.	
d	TR19	1.22mg	50.7mg	0/40p	2.20mg	0/34	6.20mg	3/35			S
e	TR19	2.00mg	15.3mg	1/40p	2.20mg	1/34	6.20mg	7/35			
f	TR19	3.78mg	n.s.s.	0/40p	2.20mg	0/34	6.20mg	3/35			S
PROFLAVINE.HCl HEMIHYDRATE 952-23-8											
5271	TR5	13.6mg	89.3mg	5/49	26.0mg	20/50	(52.0mg)	22/50			liv:hpa,hpc. S
a	TR5	26.0mg	n.s.s.	36/49	26.0mg	37/50	52.0mg	41/50			
b	TR5	13.6mg	89.3mg	5/49	26.0mg	20/50	(52.0mg)	22/50		liv:hpa,hpc,nnd.	
c	TR5	107.mg	n.s.s.	4/49	26.0mg	3/50	52.0mg	6/50		lun:a/a,a/c.	
5272	TR5	35.5mg	n.s.s.	39/50	24.0mg	38/50	48.0mg	39/50			
a	TR5	34.1mg	n.s.s.	26/50	24.0mg	28/50	48.0mg	30/50		liv:hpa,hpc,nnd.	
b	TR5	95.5mg	n.s.s.	9/50	24.0mg	11/50	48.0mg	8/50		lun:a/a,a/c.	
5273	TR5	21.2mg	n.s.s.	48/50	15.0mg	42/50	(30.0mg)	35/50			
a	TR5	157.mg	n.s.s.	1/50	15.0mg	2/50	30.0mg	1/50		liv:hpa,hpc,nnd.	
5274	TR5	80.8mg	25.0gm	0/50	12.0mg	0/50	24.0mg	5/50		lgi:srn; smi:acn,lei. S	
a	TR5	87.8mg	n.s.s.	0/50	12.0mg	1/50	24.0mg	3/50		liv:hpc,nnd. S	
b	TR5	35.6mg	n.s.s.	36/50	12.0mg	30/50	24.0mg	32/50			
c	TR5	87.8mg	n.s.s.	0/50	12.0mg	1/50	24.0mg	3/50		liv:hpa,hpc,nnd.	
PROMETHAZINE.HCl 58-33-3											
5275	TR425	17.0mg	n.s.s.	31/50	2.63mg	33/50	5.28mg	29/51	10.6mg	26/51	
a	TR425	18.6mg	n.s.s.	4/50	2.63mg	4/50	5.28mg	7/51	10.6mg	10/51	liv:hpa,hpb,hpc.
b	TR425	102.mg	n.s.s.	8/50	2.63mg	2/50	5.28mg	0/51	10.6mg	2/51	lun:a/a,a/c.
5276	TR425	31.1mg	n.s.s.	31/50	7.90mg	35/50	15.9mg	29/50	31.8mg	37/50	
a	TR425	37.8mg	n.s.s.	18/50	7.90mg	18/50	15.9mg	17/50	31.8mg	25/50	liv:hpa,hpb,hpc.
b	TR425	111.mg	n.s.s.	11/50	7.90mg	9/50	15.9mg	7/50	31.8mg	8/50	lun:a/a,a/c.
5277	TR425	16.7mg	n.s.s.	46/50	5.81mg	42/50	11.6mg	39/50	23.4mg	32/53	
a	TR425	102.mg	n.s.s.	0/50	5.81mg	0/50	11.6mg	1/50	23.4mg	1/53	liv:hpa,hpb,hpc.
5278	TR425	4.68mg	n.s.s.	47/50	5.85mg	44/50	11.8mg	44/50	23.7mg	43/51	tes:iab,ica. S
a	TR425	6.85mg	n.s.s.	44/50	5.85mg	46/50	11.8mg	47/50	23.7mg	31/51	
b	TR425	49.7mg	n.s.s.	4/50	5.85mg	2/50	11.8mg	3/50	23.7mg	1/51	liv:hpa,hpb,hpc.
PRONETHALOL (alderlin) 54-80-8											
5279	20	147.mg	n.s.s.	0/25	65.0mg	3/25	130.mg	4/25	260.mg	2/25	
5280	20	266.mg	n.s.s.	1/25	60.0mg	0/25	120.mg	3/25	240.mg	1/25	Howe;natu,207,594-595;1965
PRONETHALOL.HCl (alderlin.HCl) 51-02-5											
5281	469	239.mg	n.s.s.	3/40	150.mg		6/52				
a	469	904.mg	n.s.s.	0/40	150.mg		0/52				Newberne;txap,41,535-546;1977
5282	469	174.mg	n.s.s.	2/29	150.mg		4/32				
a	469	297.mg	n.s.s.	0/29	150.mg		1/32				
b	469	340.mg	n.s.s.	1/29	150.mg		1/32				
PROPANE SULTONE 1120-71-4											
5283	1112	2.02mg	n.s.s.	1/7	8.00mg	12/26	8.53mg	12/26			Weisburger;jnci,67,75-88;1981

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
	a	1112	2.40mg	n.s.s.	0/7	8.00mg	6/26	8.53mg	13/26	
	b	1112	3.70mg	n.s.s.	0/7	8.00mg	8/26	8.53mg	4/26	
	c	1112	7.07mg	n.s.s.	0/7	8.00mg	2/26	8.53mg	3/26	
	d	1112	9.60mg	n.s.s.	0/7	8.00mg	2/26	8.53mg	1/26	
5284		1112	2.16mg	n.s.s.	0/6	8.00mg	10/26	8.53mg	11/26	
	a	1112	2.68mg	n.s.s.	0/6	8.00mg	6/26	8.53mg	11/26	
	b	1112	6.27mg	n.s.s.	0/6	8.00mg	3/26	8.53mg	3/26	
	c	1112	8.12mg	n.s.s.	0/6	8.00mg	0/26	8.53mg	4/26	
PROPАЗINE (gesamil) 139-40-2										
5285		1242	11.5mg	n.s.s.	1/17	14.6mg	2/17			Innes;ntis,1968/1969
	a	1242	27.2mg	n.s.s.	0/17	14.6mg	0/17			
	b	1242	7.81mg	n.s.s.	2/17	14.6mg	4/17			
5286		1242	10.7mg	n.s.s.	1/18	13.6mg	2/17			
	a	1242	11.8mg	n.s.s.	2/18	13.6mg	2/17			
	b	1242	7.80mg	n.s.s.	3/18	13.6mg	4/17			
5287		1242	28.8mg	n.s.s.	0/16	14.6mg	0/18			
	a	1242	28.8mg	n.s.s.	0/16	14.6mg	0/18			
	b	1242	15.2mg	n.s.s.	0/16	14.6mg	1/18			
5288		1242	9.75mg	n.s.s.	0/16	13.6mg	2/17			
	a	1242	13.3mg	n.s.s.	0/16	13.6mg	1/17			
	b	1242	4.61mg	61.9mg	0/16	13.6mg	6/17			
beta-PROPIOLACTONE 57-57-8										
5289		1011	.765mg	2.49mg	0/30	5.71mg	24/30			Van Duuren;jnci,63,1433-1439;1979
	a	1011	.848mg	2.77mg	0/30	5.71mg	23/30			
5290		1011	.660mg	2.16mg	0/30	4.76mg	25/30			
	a	1011	.821mg	2.68mg	0/30	4.76mg	23/30			
5291		55	.374mg	n.s.s.	0/5	4.08mg	3/5			Van Duuren;jnci,37,825-838;1966
5292		1486	.986mg	2.65mg	0/50	2.86mg	46/50			Dunkelberg;bjca,46,924-933;1982
PROPRANOLOL.HCl 318-98-9										
5293		1635	267.mg	n.s.s.	3/60	84.8mg	4/57			Weikel;jcph,19,591-604;1979
	a	1635	779.mg	n.s.s.	0/60	84.8mg	0/57			
	b	1635	243.mg	n.s.s.	4/60	84.8mg	5/57			
	c	1635	323.mg	n.s.s.	13/60	84.8mg	7/57			
	d	1635	211.mg	n.s.s.	16/60	84.8mg	12/57			
5294		1635	371.mg	n.s.s.	1/57	84.8mg	2/61			
	a	1635	672.mg	n.s.s.	6/57	84.8mg	1/61			
	b	1635	228.mg	n.s.s.	11/57	84.8mg	10/61			
	c	1635	512.mg	n.s.s.	1/57	84.8mg	1/61			
	d	1635	171.mg	n.s.s.	5/57	84.8mg	9/61			
	e	1635	314.mg	n.s.s.	19/57	84.8mg	11/61			
	f	1635	203.mg	n.s.s.	23/57	84.8mg	18/61			
5295		2219	146.mg	n.s.s.	1/24	70.9mg	0/13			Zavanella;carc,15,2531-2539;1994/pers.comm.
5296		2219	134.mg	n.s.s.	1/21	70.9mg	0/12			
5297		1635	347.mg	n.s.s.	0/60	28.0mg	0/60			Weikel;jcph,19,591-604;1979
	a	1635	19.4mg	n.s.s.	44/60	28.0mg	46/60			
	b	1635	33.5mg	n.s.s.	43/60	28.0mg	40/60			
	c	1635	78.0mg	n.s.s.	5/60	28.0mg	8/60			
5298		1635	347.mg	n.s.s.	1/60	28.0mg	0/60			
	a	1635	39.0mg	n.s.s.	44/60	28.0mg	39/60			
	b	1635	59.6mg	n.s.s.	41/60	28.0mg	32/60			
	c	1635	76.7mg	n.s.s.	12/60	28.0mg	12/60			

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
PROPYL N-ETHYL-N-BUTYLTHIOCARBAMATE, COMMERCIAL GRADE (78%) (tillam-6-E) 1114-71-2									
5299	1223	27.8mg	n.s.s.	0/15	44.3mg	2/15		Innes;ntis,1968/1969	
a	1223	73.1mg	n.s.s.	0/15	44.3mg	0/15			
b	1223	30.5mg	n.s.s.	1/15	44.3mg	2/15			
5300	1223	33.8mg	n.s.s.	3/18	41.2mg	2/15			
a	1223	68.0mg	n.s.s.	0/18	41.2mg	0/15			
b	1223	33.8mg	n.s.s.	3/18	41.2mg	2/15			
5301	1223	37.1mg	n.s.s.	1/18	44.3mg	2/18			
a	1223	87.7mg	n.s.s.	0/18	44.3mg	0/18			
b	1223	31.5mg	n.s.s.	2/18	44.3mg	3/18			
5302	1223	48.2mg	n.s.s.	2/15	41.2mg	1/16			
a	1223	51.5mg	n.s.s.	3/15	41.2mg	1/16			
b	1223	43.8mg	n.s.s.	5/15	41.2mg	2/16			
N-N'-PROPYL-N-FORMYLHYDRAZINE 77337-54-3									
5303	1053	3.99mg	17.1mg	25/99	80.0mg	49/50 (160.mg	22/49)	Toth;bjca,42,922-928;1980	
a	1053	108.mg	653.mg	0/38	80.0mg	6/45	160.mg	5/19	
b	1053	216.mg	3.77gm	0/54	80.0mg	5/50	160.mg	5/49	
c	1053	234.mg	n.s.s.	0/54	80.0mg	5/50	160.mg	4/49	
5304	1053	5.21mg	16.5mg	26/100	66.7mg	42/48 (133.mg	6/37)		
a	1053	30.2mg	172.mg	0/33	66.7mg	11/48 (133.mg	1/37)		
b	1053	35.6mg	294.mg	0/33	66.7mg	9/48 (133.mg	1/37)		
c	1053	304.mg	n.s.s.	0/28	66.7mg	2/50	133.mg	0/50	
PROPYL GALLATE 121-79-9									
5305	TR240	3.56gm	370.gm	0/50	758.mg	2/50	1.52gm	5/50	S
a	TR240	2.54gm	n.s.s.	25/50	758.mg	17/50	1.52gm	22/50	
b	TR240	4.17gm	n.s.s.	3/50	758.mg	3/50	1.52gm	5/50	liv:hpa,hpc,nnd.
c	TR240	6.71gm	n.s.s.	1/50	758.mg	1/50	1.52gm	2/50	lun:a/a,a/c.
5306	TR240	2.92gm	n.s.s.	1/50	700.mg	3/50	1.40gm	8/50	S
a	TR240	4.60gm	n.s.s.	0/50	700.mg	1/50	1.40gm	4/50	S
b	TR240	5.22gm	n.s.s.	0/50	700.mg	0/50	1.40gm	4/50	S
c	TR240	604.mg	n.s.s.	29/50	700.mg	31/50 (1.40gm	22/50)		
d	TR240	4.54gm	n.s.s.	17/50	700.mg	15/50	1.40gm	10/50	liv:hpa,hpc,nnd.
e	TR240	4.19gm	n.s.s.	4/50	700.mg	5/50	1.40gm	5/50	lun:a/a,a/c.
5307	TR240	2.44gm	n.s.s.	0/50	292.mg	0/50	583.mg	3/50	S
a	TR240	663.mg	n.s.s.	38/50	292.mg	34/50	583.mg	36/50	
b	TR240	n.s.s.	n.s.s.	0/50	292.mg	1/50	583.mg	0/50	liv:hpa,hpc,nnd.
5308	TR240	338.mg	2.74gm	0/50	233.mg	8/50 (466.mg	2/50)		S
a	TR240	256.mg	n.s.s.	4/50	233.mg	13/50 (466.mg	8/50)		adr:phe,phm. S
b	TR240	256.mg	n.s.s.	4/50	233.mg	13/50 (466.mg	8/50)		S
c	TR240	335.mg	n.s.s.	2/50	233.mg	9/50 (466.mg	4/50)		pni:isa,isc. S
d	TR240	404.mg	n.s.s.	1/50	233.mg	7/50 (466.mg	0/50)		pre:adc,ade,car. S
e	TR240	2.08gm	n.s.s.	0/50	233.mg	0/50	466.mg	3/50	thy:fca,fcc. S
f	TR240	581.mg	n.s.s.	33/50	233.mg	37/50	466.mg	32/50	
g	TR240	3.51gm	n.s.s.	2/50	233.mg	1/50	466.mg	1/50	liv:hpa,hpc,nnd.
5309	1900	206.mg	n.s.s.	0/10	400.mg	0/10		Hirose;carc,8,1731-1735;1987/pers.comm.	
a	1900	206.mg	n.s.s.	0/10	400.mg	0/10			
b	1900	206.mg	n.s.s.	0/10	400.mg	0/10			
n-PROPYL ISOME 83-59-0									
5310	1252	653.mg	n.s.s.	1/17	828.mg	2/17		Innes;ntis,1968/1969	
a	1252	1.55gm	n.s.s.	0/17	828.mg	0/17			
b	1252	553.mg	n.s.s.	2/17	828.mg	3/17			
5311	1252	720.mg	n.s.s.	2/18	770.mg	2/18			
a	1252	1.53gm	n.s.s.	1/18	770.mg	0/18			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc				Citation or Pathology	Brkly Code
b	1252	797.mg	n.s.s.	3/18	770.mg	2/18							
5312	1252	1.64gm	n.s.s.	0/16	828.mg	0/18							
a	1252	1.64gm	n.s.s.	0/16	828.mg	0/18							
b	1252	1.64gm	n.s.s.	0/16	828.mg	0/18							
5313	1252	361.mg	n.s.s.	0/16	770.mg	4/17							
a	1252	757.mg	n.s.s.	0/16	770.mg	1/17							
b	1252	172.mg	1.06gm	0/16	770.mg	9/17							
N-PROPYL-N'-NITRO-N-NITROSGUANIDINE 13010-07-6													
5314	1081m	.573mg	n.s.s.	0/15	1.59mg	3/15						Sasajima;zkko,94,201-206;1979	
5315	1081n	.338mg	4.24mg	0/15	2.38mg	5/10							
a	1081n	.698mg	n.s.s.	0/15	2.38mg	2/10							
5316	1082	.551mg	n.s.s.	0/9	1.98mg	2/7						Matsukura;gann,70,181-185;1979	
a	1082	.551mg	n.s.s.	0/9	1.98mg	2/7							
N-PROPYL-N-NITROSOUREA 816-57-9													
5317	2112m	n.s.s.	3.78mg	0/20	22.9mg	20/20						Ogiu;thym,20,249-258;1992	
a	2112m	n.s.s.	n.s.s.	10/20	22.9mg	20/20							
5318	2112n	n.s.s.	4.34mg	0/20	22.9mg	20/20							
a	2112n	n.s.s.	n.s.s.	10/20	22.9mg	20/20							
5319	2112m	n.s.s.	3.31mg	0/20	20.0mg	20/20							
a	2112m	n.s.s.	n.s.s.	18/20	20.0mg	20/20							
5320	2112n	n.s.s.	3.80mg	0/20	20.0mg	20/20							
a	2112n	n.s.s.	n.s.s.	18/20	20.0mg	20/20							
PROPYLENE 115-07-1													
5321	TR272	7.47gm	n.s.s.	31/50	2.65gm	35/50	5.31gm	39/50					
a	TR272	15.3gm	n.s.s.	2/50	2.65gm	3/50	5.31gm	5/50				liv:hpa,hpc,nnd.	
b	TR272	17.1gm	n.s.s.	6/50	2.65gm	4/50	5.31gm	7/50				lun:a/a,a/c.	
5322	TR272	12.7gm	n.s.s.	37/50	2.21gm	25/50	4.42gm	28/50					
a	TR272	13.2gm	n.s.s.	14/50	2.21gm	11/50	4.42gm	14/50				liv:hpa,hpc,nnd.	
b	TR272	25.7gm	n.s.s.	16/50	2.21gm	4/50	4.42gm	7/50				lun:a/a,a/c.	
5323	BT702	6.88gm	n.s.s.	6/100	94.7mg	10/100	474.mg	13/100	2.37gm	15/100		Ciliberti;anya,534,235-245;1988	
a	BT702	30.2gm	n.s.s.	0/100	94.7mg	1/100	474.mg	0/100	2.37gm	1/100			
b	BT702	34.8gm	n.s.s.	1/100	94.7mg	1/100	474.mg	0/100	2.37gm	1/100			
c	BT702	3.79gm	n.s.s.	24/100	94.7mg	34/100	474.mg	31/100	2.37gm	39/100			
d	BT702	5.89gm	n.s.s.	18/100	94.7mg	20/100	474.mg	19/100	2.37gm	25/100			
5324	BT702	26.0gm	n.s.s.	10/100	78.9mg	8/100	395.mg	9/100	1.97gm	3/100			
a	BT702	29.9gm	n.s.s.	0/100	78.9mg	0/100	395.mg	1/100	1.97gm	0/100			
b	BT702	44.5gm	n.s.s.	4/100	78.9mg	2/100	395.mg	1/100	1.97gm	0/100			
c	BT702	1.99gm	n.s.s.	26/100	78.9mg	17/100	395.mg	19/100	(1.97gm)	6/100			
d	BT702	2.63gm	n.s.s.	14/100	78.9mg	11/100	395.mg	10/100	(1.97gm)	2/100			
5325	TR272	915.mg	n.s.s.	37/50	638.mg	42/50	1.28gm	40/50					
a	TR272	5.05gm	n.s.s.	0/50	638.mg	0/50	1.28gm	2/50				liv:hpa,hpc,nnd.	
5326	TR272	704.mg	n.s.s.	36/50	447.mg	38/50	893.mg	41/50					
a	TR272	1.99gm	n.s.s.	0/50	447.mg	4/50	893.mg	3/50				liv:hpa,hpc,nnd.	
PROPYLENE GLYCOL 57-55-6													
5327	1351	8.74gm	n.s.s.	4/28	313.mg	5/25	625.mg	2/27	1.25gm	4/28	2.50gm	2/27	Gaunt;fctx,10,151-162;1972
5328	1351	9.11gm	n.s.s.	2/26	250.mg	4/27	500.mg	3/27	1.00gm	0/23	2.00gm	1/24	
PROPYLENE GLYCOL MONO-t-BUTYL ETHER 57018-52-7													
5329	TR515	1.02gm	4.38gm	14/50	131.mg	8/50	524.mg	10/50	2.10gm	37/50			S
a	TR515	974.mg	5.23gm	18/50	131.mg	14/50	524.mg	16/50	2.10gm	41/50			liv:hpa,hpc.
b	TR515	974.mg	5.23gm	18/50	131.mg	14/50	524.mg	16/50	2.10gm	41/50			liv:hpa,hpb,hpc. S
c	TR515	1.19gm	n.s.s.	43/50	131.mg	50/50	524.mg	43/50	2.10gm	49/50			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
d	TR515	974.mg	5.23gm	18/50	131.mg	14/50	524.mg	16/50	2.10gm	41/50		liv:hpa,hpb,hpc.
e	TR515	12.8gm	n.s.s.	3/50	131.mg	5/50	524.mg	3/50	2.10gm	1/50		lun:a/a,a/c.
5330	TR515	3.80gm	45.1gm	0/50	109.mg	0/50	436.mg	1/50	1.74gm	5/50		
a	TR515	877.mg	n.s.s.	18/50	109.mg	23/50	436.mg	26/50	1.74gm	36/50		S
b	TR515	842.mg	n.s.s.	25/50	109.mg	26/50	436.mg	33/50	1.74gm	41/50		liv:hpa,hpc.
c	TR515	842.mg	n.s.s.	25/50	109.mg	26/50	436.mg	33/50	1.74gm	41/50		liv:hpa,hpb,hpc. S
d	TR515	842.mg	n.s.s.	25/50	109.mg	26/50	436.mg	33/50	1.74gm	41/50		liv:hpa,hpb,hpc. C
e	TR515	971.mg	n.s.s.	46/50	109.mg	50/50	436.mg	47/50	1.74gm	50/50		
f	TR515	842.mg	n.s.s.	25/50	109.mg	26/50	436.mg	33/50	1.74gm	41/50		liv:hpa,hpb,hpc.
g	TR515	5.14gm	n.s.s.	17/50	109.mg	10/50	436.mg	1/50	1.74gm	10/50		lun:a/a,a/c.
5331	TR515	347.mg	n.s.s.	50/50	31.2mg	49/50	125.mg	50/50	499.mg	50/50		
a	TR515	2.03gm	n.s.s.	1/50	31.2mg	0/50	125.mg	0/50	499.mg	2/50		liv:hpa,hpb,hpc.
5332	TR515	508.mg	n.s.s.	3/50	21.9mg	0/50	87.6mg	2/50	350.mg	6/50		
a	TR515	532.mg	n.s.s.	0/50	21.9mg	1/50	87.6mg	0/50	350.mg	4/50		ski:bca,bcc. S
b	TR515	608.mg	n.s.s.	0/50	21.9mg	1/50	87.6mg	0/50	350.mg	3/50		S
c	TR515	574.mg	n.s.s.	1/50	21.9mg	1/50	87.6mg	3/50	350.mg	3/50		kid:rua,ruc.
d	TR515	700.mg	n.s.s.	1/50	21.9mg	1/50	87.6mg	3/50	350.mg	2/50		
e	TR515	136.mg	n.s.s.	50/50	21.9mg	49/50	87.6mg	50/50	350.mg	50/50		
f	TR515	508.mg	n.s.s.	3/50	21.9mg	0/50	87.6mg	2/50	350.mg	6/50		liv:hpa,hpb,hpc.
5333	TR515	826.mg	n.s.s.	1/50	21.9mg	2/50	87.6mg	5/50	350.mg	5/50		kid:rua,ruc.
a	TR515	938.mg	n.s.s.	1/50	21.9mg	2/50	87.6mg	5/50	350.mg	4/50		
1,2-PROPYLENE OXIDE (1,2-epoxypropane) 75-56-9												
5334	TR267	360.mg	5.43gm	1/50	148.mg	1/50	296.mg	7/50				---:hem,hes. S
a	TR267	451.mg	4.63gm	0/50	148.mg	0/50	296.mg	5/50				nas:hem,hes.
b	TR267	475.mg	80.3gm	0/50	148.mg	3/50	296.mg	3/50				mgl:adc,adq. S
c	TR267	243.mg	n.s.s.	4/50	148.mg	7/50	296.mg	6/50				S
d	TR267	522.mg	n.s.s.	0/50	148.mg	1/50	296.mg	3/50				S
e	TR267	554.mg	n.s.s.	1/50	148.mg	0/50	296.mg	4/50				S
f	TR267	606.mg	n.s.s.	0/50	148.mg	0/50	296.mg	3/50				S
g	TR267	732.mg	n.s.s.	0/50	148.mg	0/50	296.mg	3/50				S
h	TR267	107.mg	15.0gm	28/50	148.mg	35/50	296.mg	23/50				
i	TR267	320.mg	n.s.s.	3/50	148.mg	7/50	296.mg	3/50				liv:hpa,hpc,nnd.
j	TR267	243.mg	n.s.s.	4/50	148.mg	7/50	296.mg	6/50				lun:a/a,a/c.
5335	TR267	355.mg	1.95gm	0/50	123.mg	0/50	247.mg	10/50				nas:hem,hes.
a	TR267	342.mg	8.20gm	2/50	123.mg	2/50	247.mg	10/50				---:hem,hes. S
b	TR267	558.mg	12.1gm	0/50	123.mg	0/50	247.mg	5/50				S
c	TR267	604.mg	15.1gm	0/50	123.mg	0/50	247.mg	5/50				S
d	TR267	173.mg	n.s.s.	29/50	123.mg	31/50	247.mg	27/50				
e	TR267	425.mg	n.s.s.	14/50	123.mg	16/50	247.mg	9/50				liv:hpa,hpc,nnd.
f	TR267	469.mg	n.s.s.	15/50	123.mg	14/50	247.mg	8/50				lun:a/a,a/c.
5336	TR267	71.3mg	n.s.s.	3/50	35.2mg	12/50	70.4mg	10/50				cvu:esp; ute:esp,ess. S
a	TR267	221.mg	n.s.s.	0/50	35.2mg	0/50	70.4mg	3/50				
b	TR267	32.8mg	n.s.s.	38/50	35.2mg	46/50	70.4mg	44/50				
c	TR267	1.01gm	n.s.s.	1/50	35.2mg	0/50	70.4mg	0/50				liv:hpa,hpc,nnd.
5337	TR267	202.mg	n.s.s.	0/50	24.7mg	0/50	49.3mg	2/50				
a	TR267	27.8mg	n.s.s.	40/50	24.7mg	41/50	49.3mg	45/50				
b	TR267	133.mg	n.s.s.	1/50	24.7mg	2/50	49.3mg	3/50				liv:hpa,hpc,nnd.
5338	1624	48.4mg	144.mg	8/78p	14.2mg	25/78	(42.4mg)	22/80)				Lynch;txap,76,69-84;1984
a	1624	482.mg	n.s.s.	0/78p	14.2mg	0/78	42.4mg	1/76				
b	1624	509.mg	n.s.s.	2/78p	14.2mg	1/78	42.4mg	1/76				
5339	1486	24.0mg	71.6mg	0/50	3.13mg	2/50	12.5mg	21/50				Dunkelberg;bjca,46,924-933;1982
a	1486	26.3mg	82.6mg	0/50	3.13mg	2/50	12.5mg	19/50				
5340	1830	46.7mg	602.mg	32/69	5.33mg	30/71	17.8mg	39/69	53.3mg	47/70		Kuper;fctx,26,159-167;1988
a	1830	235.mg	n.s.s.	3/69	5.33mg	6/71	17.8mg	5/69	53.3mg	8/70		
b	1830	447.mg	n.s.s.	2/69	5.33mg	1/71	17.8mg	2/69	53.3mg	3/70		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
c	1830	77.4mg	n.s.s.	0/69	5.33mg	0/71	17.8mg	0/69	53.3mg	0/70	
d	1830	14.0mg	69.4mg	52/69	5.33mg	49/71	17.8mg	61/69	53.3mg	67/70	
e	1830	81.1mg	510.mg	6/69	5.33mg	15/71	17.8mg	14/69	53.3mg	26/70	
5341	1830	310.mg	7.93gm	0/70	3.73mg	0/69	12.4mg	0/71	37.3mg	4/70	
a	1830	604.mg	n.s.s.	0/70	3.73mg	0/69	12.4mg	1/71	37.3mg	0/70	
b	1830	630.mg	n.s.s.	1/70	3.73mg	0/69	12.4mg	2/71	37.3mg	0/70	
c	1830	51.3mg	569.mg	19/70	3.73mg	17/69	12.4mg	22/71	37.3mg	34/70	
d	1830	35.9mg	n.s.s.	49/70	3.73mg	28/69	12.4mg	34/71	37.3mg	53/70	
PROPYLHYDRAZINE.HCl 56795-66-5											
5342	252	22.6mg	104.mg	21/99	50.0mg	27/43					Nagel;ejca,11,473-478;1975/Toth 1974
a	252	23.5mg	103.mg	18/99	50.0mg	26/43					
b	252	51.8mg	367.mg	4/99	50.0mg	12/43					
c	252	18.7mg	n.s.s.	2/43	50.0mg	0/2					
5343	252	21.8mg	116.mg	15/99	41.7mg	22/43					
a	252	23.9mg	281.mg	23/99	41.7mg	22/43					
b	252	25.0mg	2.02gm	0/56	41.7mg	2/10					
c	252	20.3mg	n.s.s.	4/56	41.7mg	3/10					
PROPYLTHIOURACIL 51-52-5											
5344	257	266.mg	663.mg	0/28	1.25gm	15/24	1.50gm	21/29			King;pseb,112,365-366;1963
5345	254	5.69mg	21.5mg	0/68	40.0mg	16/33					Lindsay;arpa,81,308-316;1966
5346	256	8.77mg	34.7mg	1/20	42.9mg	20/30					Willis;jpat,82,23-27;1961
a	256	39.8mg	n.s.s.	0/20	42.9mg	4/30					
5347	256	7.77mg	73.3mg	2/20	37.5mg	11/18					
a	256	23.9mg	n.s.s.	0/20	37.5mg	3/18					
5348	1273	n.s.s.	n.s.s.	3/8	7.50mg	5/5					Stoll;bdca,50,389-398;1963
PROQUAZONE (1-isopropyl-7-methyl-4-phenyl-2(1H)-quinazolinone) 22760-18-5											
5349	1667	2.50gm	n.s.s.	1/50	60.0mg	0/50	180.mg	0/50	360.mg	1/50	Van Ryzin;dact,3,361-379;1980
a	1667	2.88gm	n.s.s.	1/50	60.0mg	0/50	180.mg	1/50	360.mg	0/50	
b	1667	1.65gm	n.s.s.	0/50	60.0mg	3/50	180.mg	0/50	360.mg	1/50	
c	1667	866.mg	n.s.s.	4/50	60.0mg	6/50	180.mg	10/50	360.mg	3/50	
d	1667	284.mg	n.s.s.	12/50	60.0mg	3/50	(180.mg)	2/50	360.mg	1/50	
5350	1667	762.mg	n.s.s.	4/50	60.0mg	2/50	180.mg	8/50	360.mg	4/50	
a	1667	666.mg	n.s.s.	5/50	60.0mg	6/50	180.mg	9/50	360.mg	6/50	
b	1667	2.28gm	n.s.s.	0/50	60.0mg	0/50	180.mg	0/50	360.mg	1/50	
c	1667	861.mg	n.s.s.	12/50	60.0mg	11/50	180.mg	7/50	360.mg	10/50	
PRORESID 1508-45-8											
5351	1017	2.58mg	n.s.s.	7/65	.714mg	1/24					Schmahl;arzn,20,1461-1467;1970
PROTCATECHUIC ACID (3,4-dihydroxybenzoic acid) 99-50-3											
5352	2638	16.9mg	n.s.s.	0/10	49.3mg	0/10	98.5mg	0/10			Nakamura;acnr,20,3423-3428;2000/pers.comm.
a	2638	16.9mg	n.s.s.	0/10	49.3mg	0/10	98.5mg	0/10			
5353	2080	455.mg	n.s.s.	0/15	588.mg	0/15					Hirose;carc,13,1825-1828;1992/pers.comm.
a	2080	455.mg	n.s.s.	0/15	588.mg	0/15					
SX PURPLE (ponceau 4R, food red no. 102) 2611-82-7											
5354	1429	15.0gm	n.s.s.	0/50	771.mg	0/50					Andrianova;vpit,29,61-65;1970
a	1429	6.02gm	n.s.s.	0/50	771.mg	2/50					
5355	1372	819.mg	n.s.s.	0/7	1.50gm	0/7					Allmark;jphp,9,622-628;1957
5356	1372	562.mg	n.s.s.	0/5	1.20gm	0/6					
a	1372	562.mg	n.s.s.	0/5	1.20gm	0/6					
5357	2601	1.03gm	n.s.s.	0/20	1.00gm	0/20					Sekigawa;jnma,30,179-191;1979
a	2601	617.mg	n.s.s.	1/20	1.00gm	1/20					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
5358	2601	824.mg	n.s.s.	0/20	800.mg	0/20					
a	2601	824.mg	n.s.s.	1/20	800.mg	0/20					
PURPURIN 81-54-9											
5359	2264	257.mg	7.89gm	0/28	400.mg	5/27				Mori;clet,102,193-198;1996/pers.comm.	
a	2264	298.mg	n.s.s.	0/28	400.mg	4/27					
b	2264	599.mg	n.s.s.	0/28	400.mg	1/27					
PYRAZINAMIDE 98-96-4											
5360	TR48	575.mg	n.s.s.	1/15	348.mg	5/35	697.mg	9/35			
a	TR48	1.75gm	n.s.s.	0/15	348.mg	0/35	697.mg	1/35		liv:hpa,hpc,nnd.	
b	TR48	2.62gm	n.s.s.	1/15	348.mg	0/35	697.mg	1/35		lun:a/a,a/c.	
5361	TR48	105.mg	n.s.s.	2/15	322.mg	5/35	726.mg	6/35			
a	TR48	956.mg	n.s.s.	1/15	322.mg	0/35	726.mg	3/35		liv:hpa,hpc,nnd.	
b	TR48	n.s.s.	n.s.s.	0/15	322.mg	0/35	726.mg	0/35		lun:a/a,a/c.	
5362	TR48	78.9mg	n.s.s.	2/15	134.mg	14/35	(268.mg	7/34)		pit:cra,crc. S	
a	TR48	50.4mg	n.s.s.	11/15	134.mg	26/35	(268.mg	19/34)			
b	TR48	n.s.s.	n.s.s.	0/15	134.mg	0/35	268.mg	0/34		liv:hpa,hpc,nnd.	
5363	TR48	79.4mg	n.s.s.	4/15	107.mg	17/35	(214.mg	8/36)			
a	TR48	n.s.s.	n.s.s.	0/15	107.mg	0/35	214.mg	0/36		liv:hpa,hpc,nnd.	
PYRIDINE 110-86-1											
5364	TR470	15.9mg	73.2mg	13/50	25.0mg	23/50	50.0mg	36/50	(100.mg	43/50)	liv:hpb,hpc.
a	TR470	25.0mg	103.mg	13/50	25.0mg	23/50	50.0mg	33/50	100.mg	41/50	
b	TR470	79.8mg	287.mg	1/50	25.0mg	2/50	50.0mg	9/50	100.mg	16/50	
c	TR470	16.5mg	n.s.s.	37/50	25.0mg	39/50	50.0mg	43/50	(100.mg	34/50)	
d	TR470	260.mg	n.s.s.	0/50	25.0mg	0/50	50.0mg	2/50	100.mg	3/50	---:hem,hes. S
e	TR470	297.mg	n.s.s.	0/50	25.0mg	0/50	50.0mg	1/50	100.mg	3/50	S
f	TR470	44.9mg	n.s.s.	47/50	25.0mg	45/50	50.0mg	45/50	100.mg	45/50	
g	TR470	38.6mg	n.s.s.	41/50	25.0mg	42/50	50.0mg	45/50	100.mg	44/50	liv:hpa,hpb,hpc.
h	TR470	250.mg	n.s.s.	4/50	25.0mg	4/50	50.0mg	2/50	100.mg	5/50	lun:a/a,a/c.
5365	TR470	12.0mg	67.3mg	17/50	41.7mg	42/50	(83.3mg	45/50	167.mg	42/50)	liv:hpb,hpc.
a	TR470	14.8mg	116.mg	15/50	41.7mg	35/50	(83.3mg	41/50	167.mg	40/50)	
b	TR470	42.9mg	153.mg	2/50	41.7mg	18/50	83.3mg	22/50	(167.mg	15/50)	
c	TR470	91.0mg	n.s.s.	29/50	41.7mg	40/50	83.3mg	34/50	167.mg	39/50	
d	TR470	94.1mg	n.s.s.	43/50	41.7mg	49/50	83.3mg	48/50	167.mg	47/50	
e	TR470	79.3mg	n.s.s.	38/50	41.7mg	47/50	83.3mg	46/50	167.mg	47/50	liv:hpa,hpb,hpc.
f	TR470	476.mg	n.s.s.	13/50	41.7mg	7/50	83.3mg	9/50	167.mg	8/50	lun:a/a,a/c.
5366	TR470	15.3mg	795.mg	12/50	5.71mg	16/50	11.4mg	22/50	22.9mg	23/50	
a	TR470	9.85mg	n.s.s.	45/50	5.71mg	42/50	11.4mg	45/50	22.9mg	44/50	
b	TR470	161.mg	n.s.s.	1/50	5.71mg	0/50	11.4mg	1/50	22.9mg	0/50	liv:hpa,hpb,hpc.
5367	TR470	30.4mg	2.01gm	1/50	5.00mg	0/50	10.0mg	2/50	20.0mg	6/50	
a	TR470	28.1mg	n.s.s.	1/50	5.00mg	1/50	10.0mg	2/50	20.0mg	6/50	kid:rua,ruc.
b	TR470	7.65mg	n.s.s.	46/50	5.00mg	45/50	10.0mg	46/50	20.0mg	43/50	
c	TR470	44.1mg	n.s.s.	1/50	5.00mg	1/50	10.0mg	1/50	20.0mg	3/50	liv:hpa,hpb,hpc.
5368	TR470	36.2mg	1.92gm	2/50	5.00mg	4/50	9.99mg	6/50	20.0mg	10/50	kid:rua,ruc.
a	TR470	37.1mg	920.mg	2/50	5.00mg	3/50	9.99mg	6/50	20.0mg	10/50	
5369	TR470a	10.2mg	157.mg	5/50	5.00mg	6/50	10.0mg	4/50	20.0mg	12/50	tes:iab,ica.
a	TR470a	13.9mg	318.mg	0/50	5.00mg	0/50	10.0mg	5/50	(20.0mg	0/50)	thy:fab,fca. S
b	TR470a	3.50mg	64.7mg	43/50	5.00mg	38/50	10.0mg	32/50	20.0mg	39/50	
c	TR470a	55.8mg	n.s.s.	2/50	5.00mg	0/50	10.0mg	1/50	20.0mg	0/50	liv:hpa,hpb,hpc.
PYRILAMINE MALEATE 59-33-6											
5370	2326m	265.mg	n.s.s.	0/12	274.mg	0/12					Greenman;jact,14,148-157;1995/NCTR 1991
a	2326m	265.mg	n.s.s.	0/12	274.mg	0/12					
b	2326m	265.mg	n.s.s.	1/12	274.mg	0/12					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
5371	2326n	1.24gm	n.s.s.	1/48	27.2mg	2/47	136.mg	1/48	272.mg	3/48	
a	2326n	3.18gm	n.s.s.	0/47	27.2mg	2/47	136.mg	0/48	272.mg	0/47	
b	2326n	2.14gm	n.s.s.	1/47	27.2mg	4/47	136.mg	1/48	272.mg	1/47	
c	2326n	1.99gm	n.s.s.	1/47	27.2mg	2/47	136.mg	1/48	272.mg	1/47	
d	2326n	615.mg	n.s.s.	7/48	27.2mg	7/47	136.mg	5/48	272.mg	11/48	
e	2326n	698.mg	n.s.s.	14/48	27.2mg	14/47	136.mg	6/48	272.mg	15/48	
f	2326n	542.mg	n.s.s.	19/48	27.2mg	22/47	136.mg	11/48	272.mg	21/48	
5372	2326m	160.mg	n.s.s.	2/12	253.mg	1/12					
a	2326m	245.mg	n.s.s.	1/12	253.mg	0/12					
b	2326m	171.mg	n.s.s.	3/12	253.mg	1/12					
c	2326m	171.mg	n.s.s.	3/12	253.mg	1/12					
5373	2326n	896.mg	n.s.s.	5/47	25.1mg	2/48	125.mg	6/47	251.mg	4/48	
a	2326n	1.19gm	n.s.s.	3/46	25.1mg	3/47	125.mg	5/47	251.mg	2/48	
b	2326n	893.mg	n.s.s.	13/46	25.1mg	4/47	125.mg	8/47	251.mg	8/48	
c	2326n	1.04gm	n.s.s.	10/46	25.1mg	2/47	125.mg	3/47	251.mg	7/48	
d	2326n	807.mg	n.s.s.	18/48	25.1mg	7/48	125.mg	8/48	251.mg	12/48	
e	2326n	1.02gm	n.s.s.	6/48	25.1mg	9/48	125.mg	10/48	251.mg	4/48	
f	2326n	733.mg	n.s.s.	23/47	25.1mg	15/48	125.mg	16/47	251.mg	15/48	
5374	1644	70.5mg	n.s.s.	3/20	82.7mg	10/20					Lijinsky;fctx,22,27-30;1984
a	1644	91.9mg	n.s.s.	3/20	82.7mg	8/20					
b	1644	216.mg	n.s.s.	0/20	82.7mg	2/20					
5375	1644m	145.mg	n.s.s.	3/20	67.5mg	4/20					
5376	2256m	153.mg	n.s.s.	0/9	211.mg	0/9					Greenman;faat,25,1-8;1995/NCTR 1991
a	2256m	53.8mg	n.s.s.	3/9	211.mg	3/9					
b	2256m	153.mg	n.s.s.	0/9	211.mg	0/9					
5377	2256n	1.33gm	n.s.s.	0/48	20.9mg	0/48	104.mg	0/48	209.mg	2/48	
a	2256n	159.mg	n.s.s.	0/48	20.9mg	0/48	104.mg	0/48	209.mg	0/48	
b	2256n	2.48gm	n.s.s.	0/48	20.9mg	1/48	104.mg	0/48	209.mg	0/48	
c	2256n	331.mg	n.s.s.	15/48	20.9mg	16/48	104.mg	20/48	209.mg	16/48	
d	2256n	591.mg	n.s.s.	39/48	20.9mg	41/48	104.mg	29/48	209.mg	27/48	
e	2256n	303.mg	n.s.s.	44/48	20.9mg	45/48	104.mg	42/48	209.mg	36/48	
5378	1644	173.mg	n.s.s.	0/20	66.2mg	2/20					Lijinsky;fctx,22,27-30;1984
a	1644	95.7mg	n.s.s.	5/20	66.2mg	7/20					
b	1644	138.mg	n.s.s.	5/20	66.2mg	5/20					
5379	1644m	98.7mg	n.s.s.	5/20	47.3mg	5/20					
5380	2256m	122.mg	n.s.s.	0/9	169.mg	0/9					Greenman;faat,25,1-8;1995/NCTR 1991
a	2256m	13.8mg	n.s.s.	5/9	169.mg	7/9					
b	2256m	14.8mg	n.s.s.	6/9	169.mg	7/9					
c	2256m	122.mg	n.s.s.	1/9	169.mg	0/9					
5381	2256n	127.mg	n.s.s.	0/48	16.7mg	0/48	83.6mg	0/48	167.mg	0/48	
a	2256n	1.98gm	n.s.s.	0/48	16.7mg	3/48	83.6mg	0/48	167.mg	0/48	
b	2256n	11.3mg	n.s.s.	47/48	16.7mg	47/48	83.6mg	47/48	167.mg	48/48	
c	2256n	28.4mg	n.s.s.	47/48	16.7mg	47/48	83.6mg	47/48	167.mg	47/48	
d	2256n	235.mg	n.s.s.	19/48	16.7mg	23/48	83.6mg	26/48	167.mg	20/48	
PYRIMETHAMINE (daraprin) 58-14-0											
5382	TR77	44.2mg	n.s.s.	1/15	34.7mg	5/35	69.5mg	9/35			
a	TR77	n.s.s.	n.s.s.	0/15	34.7mg	0/35	69.5mg	0/35			liv:hpa,hpc,nnd.
b	TR77	99.6mg	n.s.s.	0/15	34.7mg	0/35	69.5mg	2/35			lun:a/a,a/c.
5383	TR77	30.1mg	n.s.s.	0/15	32.0mg	1/35	64.2mg	1/35			
a	TR77	n.s.s.	n.s.s.	0/15	32.0mg	0/35	64.2mg	0/35			liv:hpa,hpc,nnd.
b	TR77	n.s.s.	n.s.s.	0/15	32.0mg	0/35	64.2mg	0/35			lun:a/a,a/c.
5384	TR77	7.01mg	n.s.s.	7/15	5.30mg	16/35	10.7mg	26/35			
a	TR77	n.s.s.	n.s.s.	0/15	5.30mg	0/35	10.7mg	0/35			liv:hpa,hpc,nnd.
5385	TR77	14.9mg	n.s.s.	8/15	4.20mg	17/35	8.60mg	11/35			
a	TR77	n.s.s.	n.s.s.	0/15	4.20mg	0/35	8.60mg	0/35			liv:hpa,hpc,nnd.

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
QUERCETIN 117-39-5									
5386	1146	1.82gm	n.s.s.	4/15	2.60gm	18/31		Saito;tcam,1,213-221;1980	
a	1146	23.5gm	n.s.s.	0/15	2.60gm	0/33			
5387	1146	5.20gm	n.s.s.	0/14	2.40gm	4/32			
a	1146	1.87gm	n.s.s.	6/16	2.40gm	21/37			
b	1146	12.0gm	n.s.s.	0/16	2.40gm	1/37			
5388	TR409	8.92gm	n.s.s.	0/50	50.0mg	0/50	500.mg 0/50	2.00gm 2/50	S
a	TR409	1.27gm	n.s.s.	49/50	50.0mg	48/50	500.mg 43/50	2.00gm 44/50	
b	TR409	7.97gm	n.s.s.	0/50	50.0mg	1/50	500.mg 0/50	2.00gm 1/50	liv:hpa,hpc,nnd.
5389	1648	69.1mg	n.s.s.	0/10	50.0mg	1/11	100.mg 0/11	Stoewsand;jtxe,14,105-114;1984	
5390	TR409	3.06gm	58.8gm	0/50	40.0mg	0/50	400.mg 0/50	1.60gm 4/50	kid:rua,uac. S
a	TR409	3.72gm	393.gm	0/50	40.0mg	0/50	400.mg 0/50	1.60gm 3/50	
b	TR409	1.19gm	n.s.s.	46/50	40.0mg	40/50	400.mg 46/50	1.60gm 39/50	
c	TR409	5.34gm	n.s.s.	3/50	40.0mg	4/50	400.mg 4/50	1.60gm 1/50	liv:hpa,hpc,nnd.
5391	TR409	2.40gm	45.6gm	1/50	40.0mg	2/50	400.mg 7/50	1.60gm 9/50	kid:rua,uac. S
a	TR409	2.59gm	305.gm	1/50	40.0mg	2/50	400.mg 7/50	1.60gm 8/50	
5392	1648	59.8mg	n.s.s.	1/10	40.0mg	0/10	80.0mg 1/11	Stoewsand;jtxe,14,105-114;1984	
5393	1934	3.04gm	n.s.s.	8/50	580.mg	14/50	2.32gm 17/50	Ito;gann,80,317-325;1989	
a	1934	4.71gm	n.s.s.	8/50	580.mg	10/50	2.32gm 12/50		
b	1934	5.55gm	n.s.s.	2/50	580.mg	0/50	2.32gm 0/50		
5394	1934	550.mg	11.6gm	6/50	464.mg	18/50	(1.86gm 14/50)		
a	1934	8.86gm	n.s.s.	2/50	464.mg	2/50	1.86gm 3/50		
5395	1392	2.31mg	12.3mg	0/9	50.0mg	14/16		Pamukcu;canr,40,3468-3472;1980	
a	1392	6.79mg	76.3mg	0/9	50.0mg	8/16			
b	1392	15.5mg	n.s.s.	0/9	50.0mg	3/16			
5396	1392	n.s.s.	9.97mg	0/8	40.0mg	6/6			
a	1392	5.06mg	n.s.s.	0/8	40.0mg	2/6			
QUERCETIN DIHYDRATE 6151-25-3									
5397	1144m	22.7gm	n.s.s.	0/20	10.5gm	1/20		Morino;carc,3,93-97;1982	
a	1144m	20.5gm	n.s.s.	2/20	10.5gm	2/20			
5398	1144n	4.63gm	n.s.s.	0/8	4.18gm	2/15			
a	1144n	6.37gm	n.s.s.	0/8	4.18gm	1/15			
5399	1144o	698.mg	n.s.s.	0/8	523.mg	0/7			
5400	1144m	12.6gm	n.s.s.	1/20	9.20gm	3/20			
a	1144m	18.0gm	n.s.s.	2/20	9.20gm	2/20			
5401	1144n	10.7gm	n.s.s.	1/8	3.68gm	0/15			
a	1144n	12.2gm	n.s.s.	1/8	4.18gm	0/15			
5402	1144o	228.mg	n.s.s.	1/8	461.mg	2/7			
5403	1145m	462.mg	n.s.s.	0/22	500.mg	0/10	2.50gm 0/9	Hirono;clet,13,15-21;1981	
a	1145m	462.mg	n.s.s.	0/22	500.mg	0/10	2.50gm 0/9		
5404	1145n	14.7gm	n.s.s.	0/33	5.00gm	1/20			
a	1145n	16.0gm	n.s.s.	1/33	5.00gm	1/20			
b	1145n	13.2gm	n.s.s.	3/33	5.00gm	2/20			
5405	1145m	593.mg	n.s.s.	3/30	400.mg	1/10	2.00gm 3/8		
a	1145m	1.16gm	n.s.s.	0/30	400.mg	0/10	2.00gm 1/8		
b	1145m	1.16gm	n.s.s.	0/30	400.mg	0/10	2.00gm 1/8		
5406	1145n	8.65gm	n.s.s.	0/33	4.00gm	2/20			
a	1145n	11.8gm	n.s.s.	0/33	4.00gm	1/20			
b	1145n	11.8gm	n.s.s.	0/33	4.00gm	1/20			
5407	1662	27.2mg	n.s.s.	1/16	50.0mg	3/15		Takanashi;jfds,5,55-60;1983	
5408	1662	n.s.s.	n.s.s.	15/16	40.0mg	15/15			
QUILLAIA EXTRACT (spray-dried aqueous extract of Quillaia sp. bark) 68990-67-0									
5409	1404	5.84gm	n.s.s.	9/44	130.mg	5/43	650.mg 4/43	1.95gm 5/46	Phillips;fctx,17,23-27;1979

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	1404	12.1gm	n.s.s.	1/44	130.mg	2/43	650.mg	1/43	1.95gm	0/46		
5410	1404	1.64gm	n.s.s.	7/45	120.mg	3/42	600.mg	7/41	1.80gm	12/43		
a	1404	8.58gm	n.s.s.	5/45	120.mg	1/42	600.mg	2/41	1.80gm	1/43		
b	1404	3.93gm	n.s.s.	8/45	120.mg	4/42	600.mg	3/41	1.80gm	6/43		
5411	1527	3.06gm	n.s.s.	0/39	150.mg	2/40	500.mg	5/45	1.50gm	4/42	Drake;fctx,20,15-23;1982	
a	1527	11.8gm	n.s.s.	0/42	150.mg	0/45	500.mg	0/46	1.50gm	1/46		
5412	1527	605.mg	n.s.s.	0/40	120.mg	0/33	400.mg	0/26	1.20gm	0/44		
QUINAPRIL.HCl 82586-55-8												
5413	2330	54.5mg	12.2gm	3/50	5.00mg	4/50	35.0mg	11/50	(75.0mg	2/50)	McGuire;jtxs,21,207-214;1996/pers.comm.	
a	2330	334.mg	n.s.s.	0/50	5.00mg	0/50	35.0mg	2/50	75.0mg	2/50		
b	2330	435.mg	n.s.s.	4/50	5.00mg	0/50	35.0mg	1/50	75.0mg	3/50		
c	2330	631.mg	n.s.s.	3/50	5.00mg	6/50	35.0mg	3/50	75.0mg	1/50		
d	2330	89.7mg	n.s.s.	26/50	5.00mg	29/50	35.0mg	31/50	75.0mg	27/50		
5414	2330	175.mg	n.s.s.	8/50	5.00mg	5/50	35.0mg	5/50	75.0mg	11/50		
a	2330	265.mg	n.s.s.	4/50	5.00mg	3/50	35.0mg	4/50	75.0mg	5/50		
b	2330	203.mg	n.s.s.	3/50	5.00mg	11/50	35.0mg	9/50	75.0mg	7/50		
c	2330	510.mg	n.s.s.	1/50	5.00mg	0/50	35.0mg	0/50	75.0mg	2/50		
d	2330	67.3mg	n.s.s.	24/50	5.00mg	26/50	35.0mg	23/50	75.0mg	31/50		
5415	2330	103.mg	n.s.s.	0/65	10.0mg	0/65	50.0mg	0/65	100.mg	0/65		
a	2330	98.2mg	n.s.s.	55/65	10.0mg	53/65	50.0mg	52/65	100.mg	52/65		
5416	2330	1.22gm	n.s.s.	1/65	10.0mg	1/65	50.0mg	0/65	100.mg	1/65		
a	2330	334.mg	n.s.s.	43/65	10.0mg	41/65	50.0mg	40/65	100.mg	29/65		
p-QUINONE DIOXIME 105-11-3												
5417	TR179	252.mg	n.s.s.	7/20	96.6mg	14/50	193.mg	17/50				
a	TR179	329.mg	n.s.s.	0/20	96.6mg	3/50	193.mg	8/50			liv:hpa,hpc,nnd.	
b	TR179	664.mg	n.s.s.	1/20	96.6mg	2/50	193.mg	3/50			lun:a/a,a/c.	
5418	TR179	178.mg	n.s.s.	5/18	89.2mg	20/50	178.mg	22/50				
a	TR179	398.mg	n.s.s.	5/18	89.2mg	6/50	178.mg	12/50			liv:hpa,hpc,nnd.	
b	TR179	466.mg	n.s.s.	2/18	89.2mg	7/50	178.mg	6/50			lun:a/a,a/c.	
5419	TR179	57.2mg	514.mg	0/20	18.6mg	3/49	37.1mg	11/50			ubl:sqc,tcc,ttp.	
a	TR179	82.6mg	n.s.s.	0/20	18.6mg	1/49	37.1mg	7/50				
b	TR179	39.7mg	n.s.s.	14/20	18.6mg	30/49	37.1mg	28/50				
c	TR179	204.mg	n.s.s.	0/20	18.6mg	2/49	37.1mg	0/50			liv:hpa,hpc,nnd.	
5420	TR179	31.3mg	n.s.s.	11/20	14.9mg	21/50	29.7mg	24/50				
a	TR179	184.mg	n.s.s.	0/20	14.9mg	0/50	29.7mg	1/50			liv:hpa,hpc,nnd.	
RAMOSETRON.HCl (R)-5-[(1-methyl-3-indolyl)carbonyl]-4,5,6,7-tetrahydro-1H-benzimidazole.HCl 132907-72-3												
5421	2419	314.mg	n.s.s.	6/132	100.mg	7/66					Tabata;arzn,46,560-566;1996	
a	2419	504.mg	n.s.s.	18/132	100.mg	7/66						
b	2419	1.36gm	n.s.s.	4/132	100.mg	0/66						
c	2419	1.36gm	n.s.s.	2/132	100.mg	0/66						
5422	2419	235.mg	n.s.s.	54/132	100.mg	25/66						
a	2419	370.mg	n.s.s.	24/132	100.mg	11/66						
b	2419	543.mg	n.s.s.	16/132	100.mg	6/66						
c	2419	904.mg	n.s.s.	3/132	100.mg	1/66						
5423	2419	869.mg	n.s.s.	4/114	100.mg	1/60						
5424	2419	863.mg	n.s.s.	4/120	100.mg	1/60						
C.I. ACID RED 114 6459-94-5												
5425	TR405	2.14mg	4.68mg	12/50	8.42mg	22/35	16.8mg	54/65	34.3mg	39/50	cli:ade,anb,car,cnb; col:adp,muc; duo:adp,muc; jej:adp; liv:hpc,nnd; lun:a/a,a/c; phr:sqc,scp; rec:adp; ski:bca,bcc; ton:sqc,scp; zym:ade,car. C	
a	TR405	2.95mg	8.36mg	11/50	8.42mg	17/35	16.8mg	28/65	34.3mg	23/50	cli:ade,anb,car,cnb.	
b	TR405	5.19mg	17.0mg	4/50	8.42mg	9/35	16.8mg	19/65	34.3mg	15/50	cli:car,cnb. S	
c	TR405	5.10mg	24.3mg	12/50	8.42mg	13/35	16.8mg	18/65	34.3mg	5/50	mul:leu,mnl.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
d	TR405	5.14mg	73.3mg	25/50	8.42mg	17/35	16.8mg	17/65	34.3mg	5/50		S
e	TR405	4.86mg	282.mg	19/50	8.42mg	13/35	16.8mg	12/65	34.3mg	1/50		S
f	TR405	6.08mg	30.5mg	7/50	8.42mg	10/35	16.8mg	10/65	34.3mg	10/50		S
g	TR405	8.08mg	26.0mg	0/50	8.42mg	0/35	16.8mg	19/65	34.3mg	8/50	cli:ade,anb.	S
h	TR405	8.95mg	25.7mg	0/50	8.42mg	3/35	16.8mg	18/65	34.3mg	19/50	liv:hpc,nnd.	S
i	TR405	7.79mg	63.7mg	5/50	8.42mg	9/35	16.8mg	10/65	34.3mg	2/50	zym:ade,car.	S
j	TR405	9.72mg	31.6mg	0/50	8.42mg	3/35	16.8mg	17/65	34.3mg	13/50	ute:esp,ess.	S
k	TR405	9.57mg	35.4mg	0/50	8.42mg	0/35	16.8mg	15/65	34.3mg	6/50		S
l	TR405	9.03mg	98.6mg	4/50	8.42mg	8/35	16.8mg	8/65	34.3mg	2/50		S
m	TR405	10.2mg	51.0mg	0/50	8.42mg	4/35	16.8mg	7/65	34.3mg	5/50	ski:bca,bcc.	S
n	TR405	11.2mg	62.9mg	1/50	8.42mg	2/35	16.8mg	9/65	34.3mg	4/50	lun:a/a,a/c.	S
o	TR405	12.1mg	75.0mg	1/50	8.42mg	2/35	16.8mg	8/65	34.3mg	4/50		S
p	TR405	11.6mg	82.7mg	0/50	8.42mg	3/35	16.8mg	5/65	34.3mg	3/50		S
q	TR405	11.0mg	125.mg	0/50	8.42mg	3/35	16.8mg	3/65	34.3mg	1/50	thy:fca,fcc.	S
r	TR405	13.7mg	71.1mg	0/50	8.42mg	3/35	16.8mg	9/65	34.3mg	6/50	phr:sqc,sqp; ton:sqc,sqp.	S
s	TR405	12.3mg	220.mg	1/50	8.42mg	3/35	16.8mg	5/65	34.3mg	1/50	amd:phm,pob.	S
t	TR405	14.6mg	102.mg	0/50	8.42mg	3/35	16.8mg	6/65	34.3mg	4/50	phr:sqc; ton:sqc.	S
u	TR405	13.4mg	763.mg	1/50	8.42mg	3/35	16.8mg	4/65	34.3mg	1/50		S
v	TR405	16.7mg	124.mg	0/50	8.42mg	3/35	16.8mg	6/65	34.3mg	3/50		S
w	TR405	17.7mg	121.mg	0/50	8.42mg	0/35	16.8mg	6/65	34.3mg	3/50		S
x	TR405	16.5mg	264.mg	0/50	8.42mg	0/35	16.8mg	4/65	34.3mg	1/50	ski:sqc,sqp.	S
y	TR405	16.2mg	878.mg	0/50	8.42mg	1/35	16.8mg	3/65	34.3mg	0/50		S
z	TR405	17.2mg	705.mg	0/50	8.42mg	0/35	16.8mg	3/65	34.3mg	0/50		S
A	TR405	20.9mg	210.mg	0/50	8.42mg	0/35	16.8mg	2/65	34.3mg	6/50		S
B	TR405	21.3mg	300.mg	0/50	8.42mg	2/35	16.8mg	4/65	34.3mg	3/50	ton:sqc,sqp.	S
C	TR405	21.7mg	566.mg	0/50	8.42mg	1/35	16.8mg	4/65	34.3mg	1/50		S
D	TR405	22.0mg	509.mg	0/50	8.42mg	2/35	16.8mg	2/65	34.3mg	3/50		S
E	TR405	31.5mg	3.20gm	0/50	8.42mg	1/35	16.8mg	0/65	34.3mg	3/50	col:adp,muc; rec:adp.	S
F	TR405	13.9mg	n.s.s.	6/50	8.42mg	2/35	16.8mg	2/65	34.3mg	3/50		S
G	TR405	19.9mg	n.s.s.	1/50	8.42mg	1/35	16.8mg	4/65	34.3mg	0/50		S
H	TR405	17.6mg	n.s.s.	0/50	8.42mg	2/35	16.8mg	0/65	34.3mg	1/50		S
I	TR405	20.9mg	n.s.s.	3/50	8.42mg	0/35	16.8mg	3/65	34.3mg	2/50	sub:fps,fib.	S
J	TR405	46.1mg	n.s.s.	0/50	8.42mg	0/35	16.8mg	1/65	34.3mg	2/50	duo:adp,muc; jej:adp.	S
K	TR405	81.3mg	n.s.s.	0/50	8.42mg	0/35	16.8mg	3/65	34.3mg	2/50	phr:sqc; ton:sqc.	S
L	TR405	1.58mg	3.59mg	47/50	8.42mg	35/35	16.8mg	61/65	34.3mg	47/50		S
M	TR405	8.08mg	26.0mg	0/50	8.42mg	0/35	16.8mg	19/65	34.3mg	8/50	liv:hpa,hpc,nnd.	S
5426	TR405	1.96mg	4.26mg	6/50	3.45mg	9/35	7.39mg	40/65	14.8mg	40/50	liv:hpc,nnd; ski:bca,bcc,ker,sbr,sea,scq,sqp;	C
											zym:ade,car.	S
a	TR405	2.29mg	5.00mg	1/50	3.45mg	5/35	7.39mg	28/65	14.8mg	32/50	ski:bca,bcc.	S
b	TR405	1.97mg	8.88mg	44/50	3.45mg	35/35	7.39mg	59/65	14.8mg	43/50	tes:iab,ica.	S
c	TR405	2.45mg	5.50mg	1/50	3.45mg	4/35	7.39mg	26/65	14.8mg	30/50		S
d	TR405	3.39mg	15.5mg	17/50	3.45mg	11/35	7.39mg	27/65	14.8mg	22/50	amd:pbb,phm,pob.	S
e	TR405	3.71mg	19.5mg	16/50	3.45mg	11/35	7.39mg	24/65	14.8mg	20/50		S
f	TR405	4.34mg	12.7mg	2/50	3.45mg	2/35	7.39mg	15/65	14.8mg	20/50	liv:hpc,nnd.	S
g	TR405	5.97mg	21.8mg	2/50	3.45mg	1/35	7.39mg	10/65	14.8mg	15/50		S
h	TR405	6.90mg	30.1mg	1/50	3.45mg	2/35	7.39mg	11/65	14.8mg	9/50	ski:scq,sqp.	S
i	TR405	8.33mg	37.2mg	0/50	3.45mg	2/35	7.39mg	8/65	14.8mg	7/50		S
j	TR405	9.95mg	48.9mg	0/50	3.45mg	1/35	7.39mg	6/65	14.8mg	7/50		S
k	TR405	9.42mg	73.0mg	1/50	3.45mg	1/35	7.39mg	4/65	14.8mg	7/50		S
l	TR405	10.8mg	61.0mg	0/50	3.45mg	1/35	7.39mg	5/65	14.8mg	6/50		S
m	TR405	10.5mg	100.mg	1/50	3.45mg	1/35	7.39mg	5/65	14.8mg	6/50	ski:sbr,sea.	S
n	TR405	13.3mg	62.3mg	0/50	3.45mg	0/35	7.39mg	8/65	14.8mg	7/50	zym:ade,car.	S
o	TR405	14.1mg	76.6mg	0/50	3.45mg	0/35	7.39mg	7/65	14.8mg	6/50		S
p	TR405	15.1mg	1.09gm	0/50	3.45mg	2/35	7.39mg	1/65	14.8mg	3/50		S
q	TR405	4.95mg	n.s.s.	20/50	3.45mg	20/35	7.39mg	37/65	14.8mg	12/50		S
r	TR405	14.5mg	n.s.s.	2/50	3.45mg	2/35	7.39mg	2/65	14.8mg	3/50	lun:a/a,a/c.	S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc										Citation or Pathology	Brkly Code
s	TR405	20.0mg	n.s.s.	0/50	3.45mg	0/35	7.39mg	1/65	14.8mg	2/50								phr:sqp; ton:sqp.	
t	TR405	1.95mg	7.30mg	43/50	3.45mg	33/35	7.39mg	62/65	14.8mg	48/50									
u	TR405	4.34mg	12.7mg	2/50	3.45mg	2/35	7.39mg	15/65	14.8mg	20/50								liv:hpa,hpc,nnd.	
C.I. FOOD RED 3 (carmoisine, C.I. acid red 14, disodium salt) 3567-69-9																			
5427	TR220	1.45gm	n.s.s.	28/50	386.mg	29/50	773.mg	23/49											
a	TR220	3.32gm	n.s.s.	3/50	386.mg	5/50	773.mg	2/49										liv:hpa,hpc,nnd.	
b	TR220	2.93gm	n.s.s.	4/50	386.mg	4/50	773.mg	4/49										lun:a/a,a/c.	
5428	TR220	680.mg	n.s.s.	31/50	357.mg	28/50	713.mg	31/50											
a	TR220	1.28gm	n.s.s.	15/50	357.mg	9/50	713.mg	14/50										liv:hpa,hpc,nnd.	
b	TR220	2.18gm	n.s.s.	4/50	357.mg	4/50	713.mg	4/50										lun:a/a,a/c.	
5429	1325	1.65gm	n.s.s.	4/55	13.0mg	2/23	65.0mg	4/26	325.mg	4/27	1.63gm	2/19					Mason;fctx,12,601-607;1974		
a	1325	29.9mg	n.s.s.	0/55	13.0mg	0/23	65.0mg	0/26	325.mg	0/27	1.63gm	0/19							
5430	1325	1.33gm	n.s.s.	13/48	12.0mg	5/26	60.0mg	7/26	300.mg	4/24	1.50gm	8/28							
a	1325	3.17gm	n.s.s.	6/48	12.0mg	1/26	60.0mg	0/26	300.mg	0/24	1.50gm	2/28							
b	1325	30.4mg	n.s.s.	1/48	12.0mg	0/26	60.0mg	0/26	300.mg	0/24	1.50gm	0/28							
5431	TR220	1.47gm	n.s.s.	9/90	613.mg	11/50	1.23gm	14/50											S
a	TR220	4.96gm	n.s.s.	0/90	613.mg	0/50	1.23gm	3/50											S
b	TR220	1.01gm	n.s.s.	68/90	613.mg	34/50	1.23gm	44/50											
c	TR220	9.34gm	n.s.s.	3/90	613.mg	1/50	1.23gm	1/50										liv:hpa,hpc,nnd.	
5432	TR220	407.mg	n.s.s.	61/90	238.mg	22/50	495.mg	34/50											
a	TR220	1.34gm	n.s.s.	5/90	238.mg	3/50	495.mg	3/50										liv:hpa,hpc,nnd.	
C.I. PIGMENT RED 3 2425-85-6																			
5433	TR407	31.0gm	n.s.s.	0/51	1.60gm	0/50	3.20gm	0/50	6.42gm	3/50								lyd:ahs,dhs,ihs,nhs,rhs,shs.	S
a	TR407	4.15gm	n.s.s.	36/51	1.60gm	29/50	3.20gm	23/50	6.42gm	33/50									
b	TR407	10.9gm	n.s.s.	10/51	1.60gm	14/50	3.20gm	4/50	6.42gm	9/50								liv:hpa,hpc,nnd.	
c	TR407	24.6gm	n.s.s.	4/51	1.60gm	0/50	3.20gm	1/50	6.42gm	3/50								lun:a/a,a/c.	
5434	TR407	9.79gm	49.6gm	0/50	1.47gm	0/50	2.96gm	1/51	5.92gm	10/52								kcx:ade; thy:fca.	P
a	TR407	14.5gm	176.gm	0/50	1.47gm	0/50	2.96gm	0/51	5.92gm	6/52									
b	TR407	15.6gm	271.gm	0/50	1.47gm	0/50	2.96gm	1/51	5.92gm	5/52									
c	TR407	9.42gm	n.s.s.	2/50	1.47gm	2/50	2.96gm	6/51	5.92gm	7/52								---:mlh,mlm.	S
d	TR407	3.15gm	n.s.s.	25/50	1.47gm	27/50	2.96gm	33/51	5.92gm	35/52									
e	TR407	5.12gm	n.s.s.	12/50	1.47gm	16/50	2.96gm	16/51	5.92gm	19/52								liv:hpa,hpc,nnd.	
f	TR407	9.86gm	n.s.s.	2/50	1.47gm	5/50	2.96gm	7/51	5.92gm	5/52								lun:a/a,a/c.	
5435	TR407	2.63gm	13.4gm	0/50	295.mg	0/50	617.mg	1/50	1.23gm	10/50									
a	TR407	1.41gm	n.s.s.	46/50	295.mg	35/50	617.mg	38/50	1.23gm	41/50									
b	TR407	2.63gm	13.4gm	0/50	295.mg	0/50	617.mg	1/50	1.23gm	10/50								liv:hpa,hpc,nnd.	
5436	TR407	332.mg	6.55gm	24/50	236.mg	32/51	493.mg	37/51	988.mg	36/51								amd:phm,pob.	
a	TR407	343.mg	5.48gm	22/50	236.mg	29/51	493.mg	35/51	988.mg	34/51									S
b	TR407	1.30gm	21.7gm	0/50	236.mg	4/51	493.mg	2/51	988.mg	6/51									
c	TR407	1.49gm	n.s.s.	1/50	236.mg	4/51	493.mg	2/51	988.mg	6/51								ski:car,sqp.	S
d	TR407	3.34gm	n.s.s.	0/50	236.mg	0/51	493.mg	2/51	988.mg	3/51									
e	TR407	332.mg	n.s.s.	47/50	236.mg	47/51	493.mg	46/51	988.mg	48/51									
f	TR407	2.08gm	n.s.s.	0/50	236.mg	1/51	493.mg	4/51	988.mg	1/51								liv:hpa,hpc,nnd.	
C.I. PIGMENT RED 23 6471-49-4																			
5437	TR411	5.16gm	n.s.s.	27/50	1.29gm	31/50	3.23gm	31/50	6.46gm	32/50									
a	TR411	16.2gm	n.s.s.	5/50	1.29gm	8/50	3.23gm	10/50	6.46gm	4/50								liv:hpa,hpc,nnd.	
b	TR411	15.9gm	n.s.s.	1/50	1.29gm	2/50	3.23gm	2/50	6.46gm	5/50								lun:a/a,a/c.	
5438	TR411	3.71gm	n.s.s.	35/52	1.19gm	27/53	2.98gm	33/52	5.96gm	41/51									
a	TR411	5.46gm	n.s.s.	13/52	1.19gm	8/53	2.98gm	14/52	5.96gm	21/51								liv:hpa,hpc,nnd.	
b	TR411	10.0gm	n.s.s.	5/52	1.19gm	7/53	2.98gm	8/52	5.96gm	7/51								lun:a/a,a/c.	
5439	TR411	2.99gm	n.s.s.	48/50	490.mg	48/50	1.23gm	44/50	2.47gm	44/50									
a	TR411	n.s.s.	n.s.s.	0/50	490.mg	0/50	1.23gm	0/50	2.47gm	0/50								liv:hpa,hpc,nnd.	
5440	TR411	6.85gm	n.s.s.	0/50	392.mg	0/50	983.mg	1/50	1.97gm	3/51								kid:rua,ruc.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc					Citation or Pathology	Brkly Code		
a	TR411	2.64gm	n.s.s.	46/50	392.mg	45/50	983.mg	40/50	1.97gm	45/51						
b	TR411	9.92gm	n.s.s.	3/50	392.mg	1/50	983.mg	1/50	1.97gm	3/51					liv:hpa,hpc,nnd.	
5441	TR411	5.28gm	n.s.s.	1/50	1.97gm	5/51									kid:rua,ruc.	
D & C RED NO. 5 (ponceau MX) 3761-53-3																
5442	244	365.mg	2.43gm	0/34	260.mg	4/27	1.27gm	5/11	(6.22gm	5/12)					Ikeda;fctx,6,591-598;1968	
a	244	4.19gm	n.s.s.	1/34	260.mg	2/27	1.27gm	0/11	6.22gm	2/12						
5443	244	218.mg	3.45gm	0/31	240.mg	0/8	1.18gm	4/6	(5.74gm	6/12)						
a	244	2.47gm	n.s.s.	1/31	240.mg	1/8	1.18gm	1/6	5.74gm	3/12						
5444	242	414.mg	1.34gm	0/30	62.5mg	1/30	125.mg	0/29	250.mg	5/28	500.mg	14/25			Grasso;fctx,7,425-442;1969	
5445	242	1.10gm	n.s.s.	0/30	50.0mg	0/30	100.mg	1/29	200.mg	1/30	400.mg	3/29				
5446	1730m	107.mg	641.mg	0/6	714.mg	12/15									Grasso;txcy,7,327-347;1977/pers.comm.	
a	1730m	643.mg	n.s.s.	0/6	714.mg	2/15										
5447	1730n	n.s.s.	488.mg	0/6	1.25gm	11/11										
a	1730n	800.mg	n.s.s.	0/6	1.25gm	2/11										
5448	243	368.mg	n.s.s.	0/12	80.0mg	4/15	400.mg	4/12	2.00gm	6/14					Ikeda;fctx,4,485-492;1966	
D & C RED NO. 9 (brilliant red) 5160-02-1																
5449	TR225	319.mg	n.s.s.	26/50	128.mg	25/50	255.mg	27/50								
a	TR225	803.mg	n.s.s.	5/50	128.mg	3/50	255.mg	6/50							liv:hpa,hpc,nnd.	
b	TR225	1.13gm	n.s.s.	2/50	128.mg	1/50	255.mg	3/50							lun:a/a,a/c.	
5450	TR225	258.mg	n.s.s.	23/50	118.mg	28/50	235.mg	24/50								
a	TR225	293.mg	n.s.s.	8/50	118.mg	13/50	235.mg	15/50							liv:hpa,hpc,nnd.	
b	TR225	703.mg	n.s.s.	4/50	118.mg	4/50	235.mg	5/50							lun:a/a,a/c.	
5451	TR225	386.mg	n.s.s.	1/50	49.5mg	1/50	149.mg	5/50								
a	TR225	149.mg	n.s.s.	44/50	49.5mg	42/50	149.mg	40/50								
b	TR225	386.mg	n.s.s.	1/50	49.5mg	1/50	149.mg	5/50							liv:hpa,hpc,nnd.	
5452	TR225	66.0mg	190.mg	1/50	39.6mg	6/50	119.mg	26/50							liv:hpc,nnd; spl:fbs,lei,ost,srn. C	
a	TR225	88.7mg	265.mg	0/50	39.6mg	0/50	119.mg	23/50							spl:fbs,lei,ost,srn.	
b	TR225	119.mg	425.mg	0/50	39.6mg	0/50	119.mg	17/50								
c	TR225	140.mg	1.80gm	0/50	39.6mg	6/50	119.mg	7/50								
d	TR225	276.mg	5.35gm	0/50	39.6mg	0/50	119.mg	5/50								
e	TR225	154.mg	n.s.s.	1/50	39.6mg	6/50	119.mg	7/50							liv:hpc,nnd.	
f	TR225	69.0mg	n.s.s.	43/50	39.6mg	34/50	119.mg	44/50								
g	TR225	154.mg	n.s.s.	1/50	39.6mg	6/50	119.mg	7/50							liv:hpa,hpc,nnd.	
5453	262a	998.mg	n.s.s.	4/25	5.00mg	1/25	25.0mg	9/25	125.mg	6/25	500.mg	4/25			Davis;txap,4,200-205;1962	
5454	262a	1.65gm	n.s.s.	0/25	4.00mg	2/25	20.0mg	0/25	100.mg	0/25	400.mg	1/25				
a	262a	1.68gm	n.s.s.	0/25	4.00mg	1/25	20.0mg	1/25	100.mg	2/25	400.mg	0/25				
D & C RED NO. 10 1248-18-6																
5455	263	666.mg	n.s.s.	2/25	5.00mg	5/25	25.0mg	9/25	125.mg	3/25	500.mg	7/25			Davis;txap,5,728-734;1963	
a	263	21.0mg	n.s.s.	0/25	5.00mg	0/25	25.0mg	0/25	125.mg	0/25	500.mg	0/25				
5456	263	2.70gm	n.s.s.	1/25	4.00mg	1/25	20.0mg	0/25	100.mg	0/25	400.mg	0/25				
FD & C RED NO. 1 (ponceau 3R) 3564-09-8																
5457	246	460.mg	1.36gm	2/50	900.mg	29/50									Hansen;txap,5,105-118;1963	
a	246	1.24gm	6.19gm	0/50	900.mg	11/50										
b	246	1.40gm	17.3gm	1/50	900.mg	10/50										
c	246	1.60gm	12.0gm	0/50	900.mg	8/50										
5458	245	596.mg	8.32gm	0/45	150.mg	0/15	500.mg	2/15	1.50gm	3/15					Grice;txap,3,509-520;1961	
a	245	684.mg	13.2gm	0/45	150.mg	0/15	500.mg	1/15	1.50gm	3/15						
5459	245	340.mg	2.92gm	0/45	120.mg	1/15	400.mg	3/15	1.20gm	4/15						
a	245	468.mg	5.35gm	0/45	120.mg	0/15	400.mg	1/15	1.20gm	4/15						
5460	246	411.mg	1.08gm	0/49	225.mg	12/50	450.mg	18/50	(900.mg	9/50	2.25gm	4/49)			Hansen;txap,5,105-118;1963	
a	246	616.mg	1.69gm	1/49	225.mg	12/50	450.mg	17/50	900.mg	22/50	(2.25gm	25/49)				
b	246	4.21gm	19.9gm	0/49	225.mg	1/50	450.mg	2/50	900.mg	4/50	2.25gm	9/49				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
c	246	4.09gm	n.s.s.	10/49	225.mg	8/50	450.mg	7/50	900.mg	7/50	2.25gm	14/49				
5461	247m	88.2mg	785.mg	0/6	1.35gm	8/10									Mannell;fctx,2,169-174;1964	
5462	247n	153.mg	4.09gm	0/6	1.35gm	6/10										
5463	247o	158.mg	711.mg	0/23	1.35gm	14/19										
5464	247r	208.mg	1.00gm	0/24	1.35gm	12/19										
FD & C RED NO. 2 (amaranth) 915-67-3																
5465	1427	3.03gm	n.s.s.	0/35	758.mg	0/18									Baigusheva;vpit,27,46-50;1968	
a	1427	295.mg	1.87gm	2/35	758.mg	11/18										
5466	1429	8.06gm	n.s.s.	0/50	771.mg	1/50									Andrianova;vpit,29,61-65;1970	
a	1429	1.75gm	7.50gm	0/50	771.mg	13/50										
5467	1358	14.4mg	n.s.s.	0/10	15.0mg	0/14	150.mg	0/13	750.mg	0/9					Mannell;jphp,10,625-634;1958	
a	1358	192.mg	n.s.s.	2/10	15.0mg	1/14	150.mg	4/13	750.mg	2/9						
5468	1358	8.41mg	n.s.s.	0/11	12.0mg	0/10	120.mg	0/11	600.mg	0/9						
a	1358	8.41mg	n.s.s.	1/11	12.0mg	0/10	120.mg	0/11	600.mg	0/9						
5469	2600	1.03gm	n.s.s.	0/20	1.00gm	0/20									Sekigawa;jnma,29,709-721;1978	
a	2600	1.03gm	n.s.s.	1/20	1.00gm	0/20										
5470	1136	993.mg	n.s.s.	0/50	1.80gm	1/7									Willheim;gaga,23,1-19;1953	
FD & C RED NO. 3 (erythrosine) 16423-68-0																
5471	1811	11.7gm	n.s.s.	67/120	3.90gm	25/60									Borzelleca;fctx,25,735-737;1987	
a	1811	14.4gm	n.s.s.	40/120	390.mg	13/60	1.30gm	9/60	3.90gm	16/60						
b	1811	16.0gm	n.s.s.	35/120	390.mg	14/60	1.30gm	17/60	3.90gm	12/60						
5472	1811	1.11gm	n.s.s.	1/120	360.mg	5/60	(1.20gm	2/60	3.60gm	2/60)						
a	1811	4.50gm	n.s.s.	46/120	3.60gm	28/60										
b	1811	7.34gm	n.s.s.	29/120	360.mg	5/60	1.20gm	12/60	3.60gm	17/60						
c	1811	9.15gm	n.s.s.	17/120	360.mg	18/60	1.20gm	12/60	3.60gm	12/60						
5473	130m	49.8mg	759.mg	0/49	23.3mg	6/49	(54.7mg	3/47	175.mg	2/46	349.mg	1/43)			Hansen;fctx,11,535-545;1973	
a	130m	141.mg	n.s.s.	0/49	23.3mg	0/49	54.7mg	0/47	175.mg	0/46	349.mg	0/43				
b	130m	1.36gm	n.s.s.	5/49	23.3mg	12/49	54.7mg	6/47	175.mg	9/46	349.mg	4/43				
5474	130n	13.8gm	n.s.s.	0/89	185.mg	0/48	371.mg	0/41	742.mg	1/45	1.48gm	0/45				
a	130n	3.08gm	n.s.s.	20/89	185.mg	6/48	371.mg	8/41	742.mg	9/45	1.48gm	12/45				
5475	1371	334.mg	n.s.s.	0/12	250.mg	0/12	500.mg	0/12	1.00gm	0/12	2.50gm	0/12			Hansen;fctx,11,527-534;1973	
a	1371	7.16gm	n.s.s.	5/12	250.mg	4/12	500.mg	1/12	1.00gm	2/12	2.50gm	0/12				
5476	1371	267.mg	n.s.s.	0/12	200.mg	0/12	400.mg	0/12	800.mg	0/12	2.00gm	0/12				
a	1371	1.42gm	n.s.s.	2/12	200.mg	0/12	400.mg	2/12	800.mg	5/12	2.00gm	3/12				
5477	2600	1.03gm	n.s.s.	0/20	1.00gm	0/20									Sekigawa;jnma,29,709-721;1978	
a	2600	1.03gm	n.s.s.	1/20	1.00gm	0/20										
5478	2601	1.03gm	n.s.s.	0/20	1.00gm	0/20									Sekigawa;jnma,30,179-191;1979	
a	2601	617.mg	n.s.s.	1/20	1.00gm	1/20										
5479	2601	824.mg	n.s.s.	0/20	800.mg	0/20										
a	2601	824.mg	n.s.s.	1/20	800.mg	0/20										
FD & C RED NO. 4 (ponceau SX) 4548-53-2																
5480	248m	51.0mg	n.s.s.	0/9	250.mg	1/5									Davis;txap,8,306-317;1966	
a	248m	51.0mg	n.s.s.	0/9	250.mg	1/5										
b	248m	106.mg	n.s.s.	1/9	250.mg	0/5										
c	248m	39.1mg	n.s.s.	3/9	250.mg	2/5										
5481	248m	7.69gm	n.s.s.	12/91	1.25gm	6/47	2.50gm	9/56								
a	248m	5.60gm	n.s.s.	13/91	1.25gm	8/47	2.50gm	12/56								
5482	248m	6.80gm	n.s.s.	0/66	1.25gm	0/50	2.50gm	0/28								
a	248m	6.80gm	n.s.s.	5/66	1.25gm	0/50	2.50gm	0/28								
5483	1429	8.06gm	n.s.s.	0/50	771.mg	1/50									Andrianova;vpit,29,61-65;1970	
a	1429	4.14gm	n.s.s.	0/50	771.mg	4/50										
5484	248m	9.74gm	n.s.s.	0/16	225.mg	0/19	450.mg	0/23	900.mg	0/22	2.25gm	1/24			Davis;txap,8,306-317;1966	
a	248m	5.14gm	n.s.s.	7/16	225.mg	10/19	450.mg	8/23	900.mg	10/22	2.25gm	5/24				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
5485	248n	7.00gm	239.gm	0/171	450.mg	0/89	900.mg	4/89		
a	248n	3.48gm	n.s.s.	67/171	450.mg	23/89	900.mg	32/89		
5486	248m	4.95gm	n.s.s.	38/147	450.mg	16/83	900.mg	14/74		
5487	1136	993.mg	n.s.s.	0/50	1.80gm	1/7			Willheim;gaga,23,1-19;1953	
FOOD RED NO. 106 (C.I. No. 45100, Red 106) 3520-42-1										
5488	2376	8.13gm	n.s.s.	0/47	1.25gm	0/47	2.50gm	0/43	Konishi;jtxp,5,157-165;1992/pers.comm.	
a	2376	1.51gm	n.s.s.	28/47	1.25gm	26/47	2.50gm	33/43		
5489	2376	21.8gm	n.s.s.	3/48	1.00gm	0/45	2.00gm	1/48		
a	2376	363.mg	n.s.s.	45/48	1.00gm	45/45	2.00gm	46/48		
HC RED NO. 3 2871-01-4										
5490	TR281	208.mg	n.s.s.	0/50	88.4mg	0/50	177.mg	3/50		S
a	TR281	67.0mg	n.s.s.	16/50	88.4mg	15/50	177.mg	18/50		
b	TR281	273.mg	n.s.s.	4/50	88.4mg	1/50	177.mg	2/50	liv:hpa,hpc,nnd.	
c	TR281	241.mg	n.s.s.	1/50	88.4mg	2/50	177.mg	1/50	lun:a/a,a/c.	
5491	TR281	141.mg	n.s.s.	25/50	88.4mg	15/50	177.mg	35/50	liv:hpa,hpc.	
a	TR281	142.mg	n.s.s.	44/50	88.4mg	36/50	177.mg	42/50		
b	TR281	141.mg	n.s.s.	25/50	88.4mg	15/50	177.mg	35/50	liv:hpa,hpc,nnd.	
c	TR281	251.mg	n.s.s.	11/50	88.4mg	13/50	177.mg	13/50	lun:a/a,a/c.	
5492	TR281	238.mg	n.s.s.	45/50	177.mg	44/50	354.mg	41/50		
a	TR281	n.s.s.	n.s.s.	0/50	177.mg	0/50	354.mg	0/50	liv:hpa,hpc,nnd.	
5493	TR281	154.mg	n.s.s.	44/50	177.mg	38/50	356.mg	38/50		
a	TR281	1.18gm	n.s.s.	4/50	177.mg	1/50	356.mg	3/50	liv:hpa,hpc,nnd.	
RESERPINE 50-55-5										
5494	TR193	1.92mg	12.2mg	0/50	.650mg	7/50	1.30mg	7/50		
a	TR193	1.44mg	n.s.s.	21/50	.650mg	19/50	1.30mg	23/50		
b	TR193	10.1mg	n.s.s.	2/50	.650mg	0/50	1.30mg	1/50	liv:hpa,hpc,nnd.	
c	TR193	4.03mg	n.s.s.	4/50	.650mg	4/50	1.30mg	4/50	lun:a/a,a/c.	
5495	TR193	3.42mg	947.mg	0/50	.600mg	1/50	1.20mg	5/50		
a	TR193	1.78mg	n.s.s.	30/50	.600mg	34/50	1.20mg	25/50		
b	TR193	.868mg	n.s.s.	12/50	.600mg	14/50	(1.20mg	4/50)	liv:hpa,hpc,nnd.	
c	TR193	3.89mg	n.s.s.	9/50	.600mg	9/50	1.20mg	6/50	lun:a/a,a/c.	
5496	1187	5.54ug	n.s.s.	12/22	9.60ug	15/24			Lacassagne;adsc,810-812;1959	
5497	TR193	.216mg	n.s.s.	42/50	.250mg	45/50	.500mg	45/50		
a	TR193	6.05mg	n.s.s.	1/50	.250mg	0/50	.500mg	0/50	liv:hpa,hpc,nnd.	
5498	TR193	.181mg	1.01mg	3/50	.200mg	18/50	.400mg	24/50	adr:phe,phm.	
a	TR193	.367mg	n.s.s.	43/50	.200mg	42/50	.400mg	42/50		
b	TR193	1.64mg	n.s.s.	0/50	.200mg	1/50	.400mg	1/50	liv:hpa,hpc,nnd.	
5499	1008	5.14mg	n.s.s.	1/22	1.50mg	1/18	3.00mg	1/24	Tatematsu;txlt,1,201-205;1978	
a	1008	7.52mg	n.s.s.	1/22	1.50mg	1/18	3.00mg	0/24		
5500	1008	2.81mg	n.s.s.	1/22	1.20mg	1/18	2.40mg	1/15		
RESORCINOL 108-46-3										
5501	TR403	140.mg	n.s.s.	35/60	79.5mg	21/60	160.mg	33/60		
a	TR403	441.mg	n.s.s.	2/60	79.5mg	1/60	160.mg	5/60	liv:hpa,hpc,nnd.	
b	TR403	465.mg	n.s.s.	0/60	79.5mg	3/60	160.mg	1/60	lun:a/a,a/c.	
5502	TR403	251.mg	n.s.s.	33/60	79.5mg	29/60	160.mg	22/60		
a	TR403	447.mg	n.s.s.	12/60	79.5mg	11/60	160.mg	7/60	liv:hpa,hpc,nnd.	
b	TR403	412.mg	n.s.s.	6/60	79.5mg	6/60	160.mg	6/60	lun:a/a,a/c.	
5503	TR403	49.5mg	n.s.s.	49/50	35.3mg	46/50	70.5mg	44/50	106.mg 42/50	
a	TR403	1.20gm	n.s.s.	1/50	35.3mg	0/50	70.5mg	0/50	106.mg 0/50	
5504	TR403	35.2mg	n.s.s.	45/50	79.1mg	44/50	159.mg	31/60		S
a	TR403	51.0mg	n.s.s.	42/50	79.1mg	45/50	159.mg	20/60		
b	TR403	951.mg	n.s.s.	2/50	79.1mg	0/50	159.mg	0/60	liv:hpa,hpc,nnd.	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
RETINOIC ACID (vitamin A acid) 302-79-4									
5505	2597	2.51mg	n.s.s.	0/12	9.00mg	0/7	18.0mg	0/12	Yamamoto;jnma,27,437-451;1976
a	2597	2.51mg	n.s.s.	1/12	9.00mg	0/7	18.0mg	0/12	
5506	2597	3.71mg	n.s.s.	0/12	9.00mg	0/12	18.0mg	0/12	
a	2597	3.71mg	n.s.s.	2/12	9.00mg	0/12	18.0mg	0/12	
5507	1134	2.80mg	n.s.s.	3/33	.714mg	2/35			Schmahl;zkko,86,77-84;1976
5508	1134	4.86mg	n.s.s.	1/36	.714mg	0/33			
a	1134	2.91mg	n.s.s.	1/36	.714mg	1/33			
RETINOL ACETATE (vitamin A, acetate) 127-47-9									
5509	1693m	135.mg	539.mg	3/50	68.8mg	11/49	138.mg	20/48	Kurokawa;jnci,74,715-723;1985/pers.comm.
a	1693m	1.20gm	n.s.s.	0/50	68.8mg	1/49	138.mg	0/48	
b	1693m	1.20gm	n.s.s.	0/50	68.8mg	1/49	138.mg	0/48	
c	1693m	1.64gm	n.s.s.	7/50	68.8mg	1/49	138.mg	1/48	
d	1693m	955.mg	n.s.s.	5/50	68.8mg	6/49	138.mg	1/48	
e	1693m	251.mg	n.s.s.	7/50	68.8mg	6/49	(138.mg)	1/48)	
f	1693m	115.mg	n.s.s.	39/50	68.8mg	40/49	138.mg	36/48	
5510	1693m	51.8mg	212.mg	18/49	60.2mg	27/50	120.mg	39/48	
a	1693m	251.mg	n.s.s.	1/49	60.2mg	8/50	120.mg	6/48	
b	1693m	246.mg	n.s.s.	3/49	60.2mg	4/50	120.mg	11/48	
c	1693m	270.mg	n.s.s.	3/49	60.2mg	5/50	120.mg	9/48	
d	1693m	284.mg	n.s.s.	6/49	60.2mg	6/50	120.mg	10/48	
e	1693m	533.mg	n.s.s.	1/49	60.2mg	2/50	120.mg	3/48	
f	1693m	537.mg	n.s.s.	2/49	60.2mg	3/50	120.mg	3/48	
g	1693m	1.05gm	n.s.s.	0/49	60.2mg	1/50	120.mg	0/48	
h	1693m	440.mg	n.s.s.	1/49	60.2mg	0/50	120.mg	0/48	
i	1693m	146.mg	n.s.s.	12/49	60.2mg	12/50	(120.mg)	3/48)	
j	1693m	n.s.s.	n.s.s.	49/49	60.2mg	50/50	120.mg	48/48	
5511	1883	64.4mg	n.s.s.	0/10	125.mg	0/10			Hasegawa;gann,79,320-328;1988/pers.comm.
a	1883	64.4mg	n.s.s.	0/10	125.mg	0/10			
5512	2192	2.06mg	n.s.s.	0/10	4.00mg	0/10			Shibata;carc,14,1265-1269;1993/pers.comm.
RETINOL PALMITATE (vitamin A, palmitate) 79-81-2									
5513	2415	3.49mg	n.s.s.	0/28	1.50mg	0/28			Yamada;surg,25,729-736;1995
5514	1833	16.8mg	n.s.s.	0/38	1.60mg	0/39			Arnold;fctx,23,779-793;1985
RETORSINE 480-54-6									
5515	1871	.292mg	n.s.s.	0/7	.643mg	4/10			Schoental;bjca,8,458-465;1954
RHODAMINE 6G (C.I. basic red 1.HCl) 989-38-8									
5516	TR364	144.mg	n.s.s.	29/50	63.8mg	33/50	128.mg	25/50	
a	TR364	481.mg	n.s.s.	8/50	63.8mg	4/50	128.mg	5/50	liv:hpa,hpc,nnd.
b	TR364	397.mg	n.s.s.	4/50	63.8mg	6/50	128.mg	3/50	lun:a/a,a/c.
5517	TR364	523.mg	n.s.s.	0/50	118.mg	4/50	235.mg	3/50	thy:fca,fcc.S
a	TR364	351.mg	n.s.s.	39/50	118.mg	33/50	235.mg	29/50	
b	TR364	527.mg	n.s.s.	13/50	118.mg	12/50	235.mg	11/50	liv:hpa,hpc,nnd.
c	TR364	831.mg	n.s.s.	9/50	118.mg	7/50	235.mg	5/50	lun:a/a,a/c.
5518	TR364	18.8mg	n.s.s.	3/50	5.89mg	3/50	12.3mg	10/50	amd:phm,pob.
a	TR364	7.23mg	n.s.s.	48/50	5.89mg	47/50	12.3mg	49/50	
b	TR364	n.s.s.	n.s.s.	0/50	5.89mg	1/50	12.3mg	0/50	liv:hpa,hpc,nnd.
5519	TR364	14.9mg	n.s.s.	1/50	4.71mg	2/50	9.81mg	8/50	
a	TR364	6.86mg	n.s.s.	48/50	4.71mg	49/50	9.81mg	46/50	
b	TR364	23.7mg	n.s.s.	5/50	4.71mg	0/50	9.81mg	6/50	liv:hpa,hpc,nnd.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
e	1602	17.8mg	n.s.s.	13/50	15.0mg	13/50	(150.mg	2/50)		
5531	1602	38.9mg	157.mg	10/50	15.0mg	15/50	150.mg	33/50		
a	1602	513.mg	n.s.s.	0/50	15.0mg	0/50	150.mg	1/50		
b	1602	496.mg	n.s.s.	3/50	15.0mg	6/50	150.mg	2/50		
c	1602	33.7mg	618.mg	24/50	15.0mg	31/50	150.mg	39/50		
d	1602	39.2mg	394.mg	21/50	15.0mg	23/50	150.mg	36/50		
e	1602	13.5mg	n.s.s.	4/50	15.0mg	11/50	(150.mg	5/50)		
5532	1602	683.mg	n.s.s.	0/50	15.0mg	0/50	150.mg	2/50		
a	1602	429.mg	n.s.s.	4/50	15.0mg	6/50	150.mg	6/50		
b	1602	301.mg	n.s.s.	9/50	15.0mg	7/50	150.mg	11/50		
c	1602	74.0mg	n.s.s.	45/50	15.0mg	43/50	150.mg	44/50		
d	1602	68.2mg	n.s.s.	48/50	15.0mg	47/50	150.mg	46/50		
5533	1602	69.5mg	1.14gm	20/50	15.0mg	28/50	150.mg	36/50		
a	1602	304.mg	n.s.s.	5/50	15.0mg	4/50	150.mg	9/50		
b	1602	31.6mg	n.s.s.	40/50	15.0mg	43/50	150.mg	47/50		
c	1602	41.3mg	n.s.s.	36/50	15.0mg	40/50	150.mg	45/50		
d	1602	324.mg	n.s.s.	7/50	15.0mg	10/50	150.mg	10/50		
ROSANILINE.HCl (magenta I) 632-99-5										
5534	1151	403.mg	n.s.s.	0/40	114.mg	0/40			Green;zkko,95,51-55;1979	
a	1151	403.mg	n.s.s.	0/40	114.mg	0/40				
b	1151	248.mg	n.s.s.	5/40	114.mg	2/40				
5535	1151	329.mg	n.s.s.	0/40	114.mg	1/40				
a	1151	615.mg	n.s.s.	0/40	114.mg	0/40				
b	1151	331.mg	n.s.s.	3/40	114.mg	2/40				
5536	1524	266.mg	n.s.s.	0/40	30.4mg	0/40			Ketkar;clet,16,203-206;1982	
a	1524	210.mg	n.s.s.	23/40	30.4mg	3/40				
5537	1524	285.mg	n.s.s.	0/40	30.4mg	0/40				
a	1524	244.mg	n.s.s.	10/40	30.4mg	1/40				
p-ROSANILINE.HCl (p-magenta, C.I. basic red 9.HCl) 569-61-9										
5538	1151	461.mg	n.s.s.	0/40	85.7mg	0/40			Green;zkko,95,51-55;1979	
a	1151	461.mg	n.s.s.	0/40	85.7mg	0/40				
b	1151	187.mg	n.s.s.	5/40	85.7mg	4/40				
5539	1151	461.mg	n.s.s.	0/40	85.7mg	0/40				
a	1151	461.mg	n.s.s.	0/40	85.7mg	0/40				
b	1151	331.mg	n.s.s.	3/40	85.7mg	1/40				
5540	TR285	13.5mg	32.3mg	5/50	63.8mg	35/50	128.mg	41/50		liv:hpa,hpc. S
a	TR285	18.9mg	46.5mg	4/50	63.8mg	25/50	128.mg	37/50		adr:phe,phm; liv:hpc. C
b	TR285	20.9mg	52.5mg	3/50	63.8mg	19/50	128.mg	37/50		
c	TR285	18.6mg	85.9mg	2/50	63.8mg	18/50	(128.mg	4/50)		S
d	TR285	33.7mg	179.mg	17/50	63.8mg	24/50	128.mg	25/50	---	mlh,mlm,mlp,mlu,mno.
e	TR285	45.0mg	245.mg	1/50	63.8mg	8/50	128.mg	8/50		adr:phe,phm.
f	TR285	51.6mg	810.mg	0/50	63.8mg	5/50	(128.mg	1/50)		
g	TR285	108.mg	1.35gm	0/50	63.8mg	2/50	128.mg	5/50		lun:a/a,a/c. S
h	TR285	106.mg	1.58gm	0/50	63.8mg	0/50	128.mg	5/50		hag:adn,cyn. S
i	TR285	111.mg	1.95gm	0/50	63.8mg	2/50	128.mg	4/50		S
j	TR285	163.mg	2.64gm	1/50	63.8mg	3/50	128.mg	8/50		
k	TR285	147.mg	45.2gm	0/50	63.8mg	0/50	128.mg	3/50		S
l	TR285	121.mg	n.s.s.	1/50	63.8mg	0/50	128.mg	5/50		hag:adn,can,cyn. S
m	TR285	14.7mg	44.0mg	31/50	63.8mg	50/50	128.mg	49/50		
n	TR285	13.5mg	32.3mg	5/50	63.8mg	35/50	128.mg	41/50		liv:hpa,hpc,ndd.
o	TR285	108.mg	1.35gm	0/50	63.8mg	2/50	128.mg	5/50		lun:a/a,a/c.
5541	TR285	69.0mg	582.mg	10/50	58.9mg	20/50	118.mg	27/50		
a	TR285	50.1mg	n.s.s.	29/50	58.9mg	37/50	118.mg	41/50		liv:hpa,hpc. S
b	TR285	263.mg	n.s.s.	0/50	58.9mg	3/50	118.mg	4/50		S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
c	TR285	56.8mg	n.s.s.	44/50	58.9mg	43/50	118.mg	46/50		
d	TR285	50.1mg	n.s.s.	29/50	58.9mg	37/50	118.mg	41/50	liv:hpa,hpc,nnd.	
e	TR285	284.mg	n.s.s.	11/50	58.9mg	7/50	118.mg	8/50	lun:a/a,a/c.	
5542	TR285	14.1mg	83.6mg	23/50	24.6mg	32/50	49.3mg	32/50	mgl:acn,adn,fa.	
a	TR285	15.0mg	108.mg	22/50	24.6mg	31/50	49.3mg	29/50		
b	TR285	21.2mg	51.7mg	0/50	24.6mg	16/50	49.3mg	21/50	sub:fib; thy:fca,fcc; zym:can.	C
c	TR285	25.1mg	82.0mg	1/50	24.6mg	17/50	49.3mg	12/50	sub:fbs,fib,srn.	S
d	TR285	26.5mg	76.6mg	0/50	24.6mg	16/50	49.3mg	10/50	sub:fbs,fib.	S
e	TR285	27.2mg	80.7mg	0/50	24.6mg	15/50	49.3mg	10/50		
f	TR285	60.0mg	1.50gm	1/50	24.6mg	5/50	49.3mg	6/50		S
g	TR285	68.8mg	534.mg	0/50	24.6mg	2/50	49.3mg	6/50	thy:fca,fcc.	
h	TR285	86.5mg	651.mg	0/50	24.6mg	2/50	49.3mg	7/50		S
i	TR285	108.mg	5.07gm	0/50	24.6mg	0/50	49.3mg	4/50		S
j	TR285	63.2mg	n.s.s.	2/50	24.6mg	4/50	49.3mg	6/50	mgl:acn,adn.	
k	TR285	73.0mg	n.s.s.	1/50	24.6mg	4/50	49.3mg	4/50	liv:hpc,nnd.	S
l	TR285	79.3mg	n.s.s.	2/50	24.6mg	2/50	49.3mg	5/50		
m	TR285	10.1mg	57.5mg	41/50	24.6mg	50/50	49.3mg	48/50		
n	TR285	73.0mg	n.s.s.	1/50	24.6mg	4/50	49.3mg	4/50	liv:hpa,hpc,nnd.	
5543	TR285	9.57mg	33.0mg	43/50	39.2mg	46/50	79.2mg	37/50		S
a	TR285	14.8mg	32.0mg	3/50	39.2mg	26/50	79.2mg	40/50	liv:hpc; ski:sea,sql,tri; sub:fib; thy:fca,fcc; zym:can.	C
b	TR285	20.6mg	59.7mg	3/50	39.2mg	22/50	79.2mg	16/50	sub:fbs,fib.	S
c	TR285	20.8mg	62.6mg	6/50	39.2mg	24/50	79.2mg	19/50	sub:fbs,fib,srn.	S
d	TR285	22.2mg	62.9mg	2/50	39.2mg	20/50	79.2mg	16/50		
e	TR285	24.0mg	89.4mg	5/50	39.2mg	15/50	79.2mg	14/50	liv:hpc,nnd.	S
f	TR285	34.9mg	97.5mg	0/50	39.2mg	5/50	79.2mg	25/50	thy:fca,fcc.	
g	TR285	31.0mg	246.mg	5/50	39.2mg	14/50	79.2mg	6/50		S
h	TR285	42.1mg	137.mg	0/50	39.2mg	5/50	79.2mg	18/50		
i	TR285	47.9mg	235.mg	2/50	39.2mg	2/50	79.2mg	14/50	ski:sql,sql.	S
j	TR285	61.6mg	314.mg	1/50	39.2mg	1/50	79.2mg	13/50		
k	TR285	61.7mg	317.mg	0/50	39.2mg	1/50	79.2mg	10/50		
l	TR285	65.7mg	357.mg	0/50	39.2mg	2/50	79.2mg	8/50		
m	TR285	62.5mg	2.26gm	2/50	39.2mg	5/50	79.2mg	4/50	pni:isa,isc.	S
n	TR285	78.3mg	477.mg	0/50	39.2mg	0/50	79.2mg	9/50		
o	TR285	90.5mg	711.mg	0/50	39.2mg	0/50	79.2mg	7/50		
p	TR285	98.7mg	2.79gm	0/50	39.2mg	3/50	79.2mg	3/50		S
q	TR285	157.mg	2.29gm	0/50	39.2mg	0/50	79.2mg	5/50		
r	TR285	70.1mg	42.6gm	1/50	39.2mg	5/50	79.2mg	3/50	bod:men; mls:men; mul:men; tnv:men,msm.	S
s	TR285	85.2mg	n.s.s.	0/50	39.2mg	3/50	79.2mg	1/50		S
t	TR285	90.9mg	n.s.s.	1/50	39.2mg	3/50	79.2mg	4/50	lun:a/a,a/c.	S
u	TR285	116.mg	n.s.s.	1/50	39.2mg	0/50	79.2mg	4/50		S
v	TR285	162.mg	n.s.s.	0/50	39.2mg	0/50	79.2mg	3/50	liv:bda,bdc.	S
w	TR285	9.99mg	29.7mg	41/50	39.2mg	47/50	79.2mg	45/50		
x	TR285	24.0mg	89.4mg	5/50	39.2mg	15/50	79.2mg	14/50	liv:hpa,hpc,nnd.	
5544	1524	597.mg	n.s.s.	0/40	48.6mg	0/40			Ketkar;clet,16,203-206;1982	
a	1524	244.mg	n.s.s.	23/40	48.6mg	11/40				
5545	1524	571.mg	n.s.s.	0/40	48.7mg	0/40				
a	1524	201.mg	n.s.s.	10/40	48.7mg	7/40				
ROTENONE (tubatoxin) 83-79-4										
5546	TR320	345.mg	n.s.s.	26/50	77.3mg	16/50	155.mg	22/50		
a	TR320	658.mg	n.s.s.	4/50	77.3mg	3/50	155.mg	4/50	liv:hpa,hpc,nnd.	
b	TR320	607.mg	n.s.s.	4/50	77.3mg	2/50	155.mg	5/50	lun:a/a,a/c.	
5547	1253	.431mg	n.s.s.	0/16	.414mg	1/18			Innes;ntis,1968/1969	
a	1253	.431mg	n.s.s.	0/16	.414mg	1/18				
b	1253	.251mg	n.s.s.	0/16	.414mg	3/18				
5548	TR320	88.4mg	n.s.s.	25/50	71.3mg	26/50	(143.mg	18/50)		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc								Citation or Pathology	Brkly Code
a	TR320	139.mg	n.s.s.	12/50	71.3mg	12/50	(143.mg	1/50)									liv:hpa,hpc,nnd.
b	TR320	346.mg	n.s.s.	6/50	71.3mg	12/50	143.mg	8/50									lun:a/a,a/c.
5549	1253	.233mg	n.s.s.	0/16	.385mg	3/18											Innes;ntis,1968/1969
a	1253	.401mg	n.s.s.	0/16	.385mg	1/18											
b	1253	.163mg	9.50mg	0/16	.385mg	5/18											
5550	1253	.348mg	n.s.s.	1/17	.414mg	2/18											
a	1253	.820mg	n.s.s.	0/17	.414mg	0/18											
b	1253	.391mg	n.s.s.	2/17	.414mg	2/18											
5551	1253	.455mg	n.s.s.	1/18	.385mg	1/18											
a	1253	.505mg	n.s.s.	2/18	.385mg	1/18											
b	1253	.303mg	n.s.s.	3/18	.385mg	3/18											
5552	TR320	2.86mg	n.s.s.	45/50	1.88mg	43/50	3.71mg	45/50									
a	TR320	36.7mg	n.s.s.	1/50	1.88mg	0/50	3.71mg	0/50									liv:hpa,hpc,nnd.
5553	TR320	9.37mg	n.s.s.	1/50	1.51mg	0/50	2.97mg	4/50									
a	TR320	2.98mg	n.s.s.	48/50	1.51mg	36/50	2.97mg	47/50									
b	TR320	12.0mg	n.s.s.	3/50	1.51mg	1/50	2.97mg	3/50									liv:hpa,hpc,nnd.
RUTIN SULFATE 12768-44-4																	
5554	1604	480.mg	n.s.s.	0/12	3.48mg	0/12	8.75mg	0/12	23.0mg	1/12	65.4mg	1/12	162.mg	0/12	Habs;clet,23,103-108;1984		
5555	1604	8.95mg	n.s.s.	1/12	3.48mg	0/12	9.14mg	0/12	24.7mg	0/12	65.4mg	0/12	167.mg	0/12			
RUTIN TRIHYDRATE 153-18-4																	
5556	1144	18.4gm	n.s.s.	1/20	10.5gm	2/20											Morino;carc,3,93-97;1982
a	1144	22.7gm	n.s.s.	0/20	10.5gm	1/20											
5557	1144	18.0gm	n.s.s.	2/20	9.20gm	2/20											
a	1144	22.7gm	n.s.s.	1/20	9.20gm	1/20											
5558	1145m	1.45gm	n.s.s.	0/22	2.50gm	1/10											Hirono;clet,13,15-21;1981
a	1145m	1.45gm	n.s.s.	0/22	2.50gm	1/10											
5559	1145n	14.7gm	n.s.s.	0/33	5.00gm	1/20											
a	1145n	14.7gm	n.s.s.	0/33	5.00gm	1/20											
5560	1145m	777.mg	n.s.s.	3/30	2.00gm	3/11											
a	1145m	990.mg	n.s.s.	2/30	2.00gm	2/11											
5561	1145n	11.8gm	n.s.s.	0/33	4.00gm	1/20											
a	1145n	11.8gm	n.s.s.	0/33	4.00gm	1/20											
SACCHARIN 81-07-2																	
5562	1090	7.21gm	n.s.s.	7/45	6.50gm	8/42											Roe;fctx,8,135-145;1970
a	1090	21.4gm	n.s.s.	3/45	6.50gm	1/42											
5563	1349	1.12gm	n.s.s.	1/41	260.mg	0/37	650.mg	0/42									Kroes;txcy,8,285-300;1977
5564	1349	3.40gm	n.s.s.	0/40	240.mg	1/39	600.mg	0/48									
5565	2110	6.75gm	n.s.s.	0/40	1.66gm	0/40											Cohen;canr,51,1766-1777;1991
a	2110	6.75gm	n.s.s.	2/39	1.66gm	0/40											
SACCHARIN, CALCIUM 6485-34-3																	
5566	2110	8.12gm	n.s.s.	2/39	2.05gm	0/39											Cohen;canr,51,1766-1777;1991
a	2110	8.33gm	n.s.s.	0/40	2.05gm	0/40											
SACCHARIN, SODIUM 128-44-9																	
5567	1450	6.49gm	n.s.s.	0/17	1.30gm	0/28	6.50gm	0/36									Homburger;ctxf,359-373;1978
a	1450	18.9gm	n.s.s.	4/17	1.30gm	6/28	6.50gm	5/36									
b	1450	4.12gm	n.s.s.	11/17	1.30gm	16/28	6.50gm	24/36									
5568	1450	686.mg	4.99gm	1/19	1.20gm	14/29	(6.00gm	9/34)									
a	1450	19.6gm	n.s.s.	1/19	1.20gm	5/29	6.00gm	2/34									
b	1450	442.mg	3.79gm	4/19	1.20gm	20/29	(6.00gm	21/34)									
5569	2003	6.84mg	n.s.s.	3/15	17.9mg	0/4											Adamson;ossc,129-156;

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology				Brkly Code	
								1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.					
5570	2003	7.06mg	n.s.s.	0/13	17.9mg	1/3							
a	2003	11.4mg	n.s.s.	6/74	17.9mg	1/7							
5571	2016m	8.54gm	n.s.s.	0/12	2.00gm	0/35						Honma;fctx,29,373-376;1991	
5572	1537	523.mg	3.41gm	0/30	2.00gm	9/34						Fukushima;gann,74,8-20;1983	
a	1537	1.12gm	n.s.s.	0/30	2.00gm	3/34							
5573	1114	19.2gm	n.s.s.	0/56	90.0mg	0/56	270.mg	0/52	810.mg	0/56	2.43gm	2/54	Munro;txap,32,513-526;1975
a	1114	20.1gm	n.s.s.	1/56	90.0mg	0/56	270.mg	0/52	810.mg	0/56	2.43gm	2/54	
5574	1398	20.8gm	n.s.s.	1/48	2.50gm	2/49							Arnold;txap,52,113-152;1980
a	1398	25.2gm	n.s.s.	0/48	2.50gm	1/49							
5575	1114	31.5gm	n.s.s.	0/57	90.0mg	0/51	270.mg	1/54	810.mg	0/52	2.43gm	0/54	Munro;txap,32,513-526;1975
5576	1398	8.81gm	378.gm	0/49	2.00gm	5/48							Arnold;txap,52,113-152;1980
a	1398	9.40gm	n.s.s.	0/36	2.00gm	3/38							
b	1398	14.8gm	n.s.s.	0/49	2.00gm	2/48							
c	1398	8.50gm	n.s.s.	1/36	2.00gm	4/38							
5577	1450	1.96gm	n.s.s.	11/16	400.mg	21/28	2.00gm	15/26					Homburger;ctxf,359-373;1978
5578	1479m	8.49gm	n.s.s.	0/37	1.96gm	0/21							Cohen;canr,42,65-71;1982
5579	1479n	8.66gm	n.s.s.	0/37	2.00gm	0/21							
5580	1537	2.58gm	n.s.s.	0/25	2.00gm	0/25							Fukushima;gann,74,8-20;1983
5581	1722	8.81gm	n.s.s.	0/40	2.00gm	1/40							Hasegawa;canr,45,1469-1473;1985/pers.comm.
5582	1783	14.4gm	n.s.s.	1/42	2.00gm	0/42							Imaida;canr,46,6160-6164;1986
5583	1786	4.58gm	n.s.s.	0/36	1.79gm	0/29							Sakata;canr,46,3903-3906;1986
5584	1986	16.5gm	n.s.s.	0/40	2.00gm	0/40							Hasegawa;txcy,62,333-347;1990
5585	2110	5.39gm	n.s.s.	2/40	1.97gm	1/40							Cohen;canr,51,1766-1777;1991
a	2110	8.01gm	n.s.s.	0/40	1.97gm	0/40							
5586	2298	5.73gm	n.s.s.	0/23	2.00gm	0/29							Ogawa;carc,17,961-965;1996/pers.comm.
5587	1430	10.3gm	n.s.s.	0/27	1.92gm	0/26							Fukushima;canr,41,3100-3103;1981
5588	1574	8.24gm	n.s.s.	0/30	2.00gm	0/20							Murasaki;carc,4,97-99;1983
a	1574	8.24gm	n.s.s.	0/30	2.00gm	0/20							
5589	1657	232.mg	4.71gm	22/42	1.57gm	18/20							Cohen;canr,39,1207-1217;1979
a	1657	5.75gm	n.s.s.	0/42	1.57gm	0/20							
b	1657	5.75gm	n.s.s.	0/42	1.57gm	0/20							
5590	1416	1.94gm	n.s.s.	0/98	90.0mg	0/94	225.mg	0/93					Schmahl;arzn,23,1466-1470;1973
a	1416	1.11gm	n.s.s.	13/98	90.0mg	11/94	225.mg	17/93					
5591	1537	2.58gm	n.s.s.	0/25	2.00gm	0/25							Fukushima;gann,74,8-20;1983
5592	2016n	8.78gm	n.s.s.	0/14	2.00gm	0/36							Honma;fctx,29,373-376;1991
5593	1465	47.4gm	n.s.s.	0/98	2.00gm	0/115							Hicks;carc,2,475-489;1978
5594	1465m	37.8gm	n.s.s.	0/98	4.00gm	3/138							
5595	1537	2.58gm	n.s.s.	0/25	2.00gm	0/25							Fukushima;gann,74,8-20;1983
SAFROLE 94-59-7													
5596	267	9.22mg	60.3mg	1/15	156.mg	16/17							Innes;ntis,1968/1969
a	267	332.mg	n.s.s.	2/15	156.mg	0/17							
b	267	9.32mg	66.2mg	2/15	156.mg	16/17							
5597	267	94.1mg	n.s.s.	0/18	146.mg	3/17							
a	267	310.mg	n.s.s.	3/18	146.mg	0/17							
b	267	120.mg	n.s.s.	3/18	146.mg	3/17							
5598	267	n.s.s.	38.8mg	0/17	156.mg	16/16							
a	267	313.mg	n.s.s.	0/17	156.mg	0/16							
b	267	n.s.s.	40.5mg	1/17	156.mg	16/16							
5599	1039	16.2mg	49.9mg	0/98	34.3mg	22/46							Vesselinovitch;canr,39,4378-4380;1979
a	1039	19.1mg	64.0mg	0/98	34.3mg	19/46							
b	1039	243.mg	n.s.s.	0/98	34.3mg	0/46							
5600	267	28.6mg	202.mg	1/17	146.mg	11/17							Innes;ntis,1968/1969
a	267	310.mg	n.s.s.	1/17	146.mg	0/17							
b	267	35.3mg	n.s.s.	7/17	146.mg	11/17							

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc										Citation or Pathology	Brkly Code
5601	1039	50.7mg	n.s.s.	3/100	34.3mg	4/33												Vesselinovitch; canr, 39, 4378-4380; 1979	
a	1039	69.2mg	n.s.s.	0/100	34.3mg	2/33													
b	1039	185.mg	n.s.s.	3/100	34.3mg	0/35													
5602	1474m	27.1mg	234.mg	0/10	480.mg	7/10												Lipsky; jnci, 67, 365-371; 1981	
a	1474m	90.1mg	n.s.s.	0/10	480.mg	2/10													
b	1474m	247.mg	n.s.s.	0/10	480.mg	0/10													
5603	1474n	n.s.s.	164.mg	0/5	333.mg	5/5													
a	1474n	36.1mg	n.s.s.	0/5	333.mg	3/5													
b	1474n	178.mg	n.s.s.	0/5	333.mg	0/5													
5604	1035a	74.9mg	225.mg	0/53	439.mg	25/36												Wislocki; canr, 37, 1883-1891; 1977	
a	1035a	2.23gm	n.s.s.	0/55	439.mg	0/50													
5605	1581	39.3mg	95.8mg	0/32	125.mg	13/28	241.mg	24/34										Boberg; canr, 43, 5163-5173; 1983	
a	1581	571.mg	n.s.s.	0/32	125.mg	1/28	241.mg	0/34											
5606	1582m	32.3mg	108.mg	0/30	176.mg	21/30												Miller; canr, 43, 1124-1134; 1983	
a	1582m	370.mg	n.s.s.	1/30	176.mg	1/30													
5607	1582n	30.2mg	58.5mg	0/50	80.7mg	34/50	161.mg	39/50											
a	1582n	130.mg	389.mg	0/50	80.7mg	7/50	161.mg	16/50											
b	1582n	1.09gm	n.s.s.	2/50	80.7mg	2/50	161.mg	0/50											
5608	1035a	123.mg	612.mg	0/44	405.mg	11/26												Wislocki; canr, 37, 1883-1891; 1977	
a	1035a	1.07gm	n.s.s.	0/44	405.mg	0/26													
5609	1042a	335.mg	n.s.s.	4/50	390.mg	11/40	488.mg	8/40										Borchert; canr, 33, 590-600; 1973	
a	1042a	786.mg	n.s.s.	1/50	390.mg	0/40	488.mg	0/40											
5610	1042b	417.mg	n.s.s.	3/35	390.mg	4/35													
a	1042b	417.mg	n.s.s.	3/35	390.mg	4/35													
5611	1035a	210.mg	n.s.s.	0/18	68.0mg	0/18												Wislocki; canr, 37, 1883-1891; 1977	
5612	1035b	189.mg	n.s.s.	0/15	200.mg	3/18													
5613	1042a	136.mg	n.s.s.	0/12	125.mg	0/12												Borchert; canr, 33, 590-600; 1973	
a	1042a	136.mg	n.s.s.	0/12	125.mg	0/12													
5614	1042b	142.mg	n.s.s.	0/18	82.5mg	0/18	138.mg	2/18											
a	1042b	157.mg	n.s.s.	1/18	82.5mg	0/18	138.mg	2/18											
5615	1042c	69.1mg	n.s.s.	0/18	142.mg	1/18													
a	1042c	69.1mg	n.s.s.	0/18	142.mg	1/18													
5616	268	113.mg	1.90gm	1/50	4.50mg	1/50	22.5mg	2/50	45.0mg	8/50	(225.mg	6/50)						Long; arpa, 75, 595-604; 1963	
a	268	199.mg	736.mg	3/50	4.50mg	1/50	22.5mg	3/50	45.0mg	8/50	225.mg	19/50							
b	268	331.mg	1.53gm	2/50	4.50mg	0/50	22.5mg	2/50	45.0mg	0/50	225.mg	14/50							
c	268	433.mg	3.23gm	2/50	4.50mg	0/50	22.5mg	2/50	45.0mg	0/50	225.mg	10/50							
d	268	743.mg	8.16gm	0/50	4.50mg	0/50	22.5mg	0/50	45.0mg	0/50	225.mg	5/50							
5617	268	133.mg	457.mg	0/25	5.00mg	0/25	25.0mg	1/25	50.0mg	6/25	250.mg	12/25							
5618	268	221.mg	n.s.s.	3/25	4.00mg	1/25	20.0mg	2/25	40.0mg	2/25	200.mg	7/25							
SALBUTAMOL 18559-94-9																			
5619	1734	24.8mg	92.0mg	0/105	2.00mg	0/55	20.0mg	16/55										Jack; txcy, 27, 315-320; 1983	
5620	1734m	17.7mg	93.4mg	0/105	20.0mg	10/50												Gopinath; enhp, 73, 107-113; 1987/Jack 1983/pers.comm.	
SALICYLAZOSULFAPYRIDINE 599-79-1																			
5621	TR457	490.mg	n.s.s.	14/50	477.mg	32/50	954.mg	28/50	(1.91gm	29/50)								liv:hpa,hpc.	
a	TR457	999.mg	n.s.s.	12/50	477.mg	28/50	954.mg	25/50	1.91gm	28/50									S
b	TR457	2.23gm	n.s.s.	2/50	477.mg	10/50	954.mg	10/50	1.91gm	9/50									
c	TR457	1.16gm	n.s.s.	34/50	477.mg	37/50	954.mg	42/50	1.91gm	36/50									
d	TR457	490.mg	n.s.s.	14/50	477.mg	32/50	954.mg	28/50	(1.91gm	29/50)								liv:hpa,hpb,hpc.	
e	TR457	5.51gm	n.s.s.	3/50	477.mg	4/50	954.mg	4/50	1.91gm	4/50								lun:a/a,a/c.	
5622	TR457	807.mg	12.4gm	13/50	476.mg	32/50	952.mg	28/50	1.90gm	42/50									
a	TR457	953.mg	n.s.s.	24/50	476.mg	38/50	952.mg	38/50	1.90gm	44/50								liv:hpa,hpc.	
b	TR457	1.52gm	n.s.s.	40/50	476.mg	45/50	952.mg	41/50	1.90gm	45/50									
c	TR457	953.mg	n.s.s.	24/50	476.mg	38/50	952.mg	38/50	1.90gm	44/50								liv:hpa,hpb,hpc.	
d	TR457	5.23gm	n.s.s.	14/50	476.mg	18/50	952.mg	15/50	1.90gm	11/50								lun:a/a,a/c.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
5623	TR457	765.mg	n.s.s.	0/50	59.1mg	0/50	118.mg	2/50	238.mg	2/50	kid:tpp; ubl:tpp. P
a	TR457	1.05gm	n.s.s.	0/50	59.1mg	0/50	118.mg	0/50	238.mg	2/50	
b	TR457	1.15gm	n.s.s.	0/50	59.1mg	0/50	118.mg	2/50	238.mg	0/50	
c	TR457	182.mg	n.s.s.	44/50	59.1mg	41/50	118.mg	47/50	238.mg	31/50	
d	TR457	1.41gm	n.s.s.	0/50	59.1mg	0/50	118.mg	1/50	238.mg	0/50	liv:hpa,hpb,hpc.
5624	TR457	439.mg	3.35gm	0/50	59.2mg	0/50	118.mg	2/50	238.mg	6/50	
a	TR457	111.mg	n.s.s.	42/50	59.2mg	43/50	118.mg	43/50	238.mg	38/50	
b	TR457	1.53gm	n.s.s.	2/50	59.2mg	1/50	118.mg	1/50	238.mg	0/50	liv:hpa,hpb,hpc.
5625	TR457a	29.3mg	n.s.s.	42/50	60.2mg	41/50					
a	TR457a	376.mg	n.s.s.	2/50	60.2mg	0/50					liv:hpa,hpb,hpc.
SARCOPHYTOL A 72629-69-7											
5626	2021	4.15mg	n.s.s.	34/40	12.0mg	30/40					Yamauchi;gann,82,1234-1238;1991
SCOPOLAMINE HYDROBROMIDE TRIHYDRATE 6533-68-2											
5627	TR445	30.2mg	n.s.s.	40/51	.714mg	36/50	3.57mg	35/50	17.9mg	29/51	
a	TR445	7.28mg	n.s.s.	22/51	.714mg	21/50	3.57mg	16/50	(17.9mg	9/51)	liv:hpa,hpb,hpc.
b	TR445	82.9mg	n.s.s.	4/51	.714mg	7/50	3.57mg	2/50	17.9mg	3/51	lun:a/a,a/c.
5628	TR445	4.81mg	n.s.s.	43/50	.714mg	41/50	3.57mg	31/50	(17.9mg	29/50)	
a	TR445	55.8mg	n.s.s.	30/50	.714mg	33/50	3.57mg	13/50	17.9mg	15/50	liv:hpa,hpb,hpc.
b	TR445	55.4mg	n.s.s.	15/50	.714mg	11/50	3.57mg	10/50	17.9mg	8/50	lun:a/a,a/c.
5629	TR445	9.88mg	n.s.s.	48/50	.714mg	23/60	3.57mg	39/50	17.9mg	31/50	
a	TR445	103.mg	n.s.s.	1/50	.714mg	0/60	3.57mg	0/50	17.9mg	0/50	liv:hpa,hpb,hpc.
5630	TR445	2.24mg	n.s.s.	47/50	.714mg	48/50	3.57mg	46/50	(17.9mg	41/50)	
a	TR445	62.5mg	n.s.s.	2/50	.714mg	3/50	3.57mg	2/50	17.9mg	2/50	liv:hpa,hpb,hpc.
SDZ 200-110 122784-89-8											
5631	2272m	103.mg	1.03gm	15/150	2.50mg	5/74	12.5mg	11/75	62.5mg	19/75	Roberts;jact,8,487-505;1989
5632	2272n	119.mg	1.12gm	1/65	6.25mg	3/65	62.5mg	11/65			
SELENIUM 7782-49-2											
5633	1431	.218mg	n.s.s.	20/30	.111mg	7/30					Schrauzer;carc,1,199-201;1980
5634	1431m	40.4ug	n.s.s.	20/30	72.1ug	18/30					
SELENIUM DIETHYLDITHIOCARBAMATE (ethyl selenac) 5456-28-0											
5635	1211	4.59mg	n.s.s.	1/17	3.63mg	1/17					Innes;ntis,1968/1969
a	1211	7.70mg	n.s.s.	0/17	3.63mg	0/17					
b	1211	2.21mg	n.s.s.	2/17	3.63mg	4/17					
5636	1211	2.34mg	n.s.s.	1/18	3.37mg	3/17					
a	1211	2.54mg	n.s.s.	2/18	3.37mg	3/17					
b	1211	1.80mg	n.s.s.	3/18	3.37mg	5/17					
5637	1211	2.34mg	n.s.s.	0/16	3.63mg	3/17					
a	1211	7.70mg	n.s.s.	0/16	3.63mg	0/17					
b	1211	1.40mg	18.8mg	0/16	3.63mg	6/17					
5638	1211	.627mg	3.07mg	0/16	3.37mg	12/18					
a	1211	.718mg	3.71mg	0/16	3.37mg	11/18					
b	1211	7.59mg	n.s.s.	0/16	3.37mg	0/18					
c	1211	.296mg	1.45mg	0/16	3.37mg	16/18					
SELENIUM DIMETHYLDITHIOCARBAMATE (methyl selenac) 144-34-3											
5639	1205	8.68mg	n.s.s.	0/17	4.64mg	0/17					Innes;ntis,1968/1969
a	1205	8.68mg	n.s.s.	1/17	4.64mg	0/17					
b	1205	4.08mg	n.s.s.	2/17	4.64mg	2/17					
5640	1205	8.54mg	n.s.s.	1/18	4.31mg	0/18					
a	1205	8.54mg	n.s.s.	2/18	4.31mg	0/18					
b	1205	6.05mg	n.s.s.	3/18	4.31mg	1/18					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
5641	1205	8.68mg	n.s.s.	0/16	4.64mg	0/17						
a	1205	8.68mg	n.s.s.	0/16	4.64mg	0/17						
b	1205	8.68mg	n.s.s.	0/16	4.64mg	0/17						
5642	1205	4.24mg	n.s.s.	0/16	4.31mg	1/17						
a	1205	8.07mg	n.s.s.	0/16	4.31mg	0/17						
b	1205	2.02mg	n.s.s.	0/16	4.31mg	4/17						
SELENIUM DIOXIDE (selenite) 7446-08-4												
5643	2367	1.78mg	n.s.s.	12/29	.562mg	5/30					Schrauzer;bnch,9,245-253;1978	
5644	2369	3.11mg	n.s.s.	22/30	.400mg	3/30	1.00mg	10/28	(3.00mg	15/46)	Schrauzer;ancl,4,441-447;1974/1976	
SELENIUM SULFIDE 7446-34-6												
5645	TR194	31.4mg	74.2mg	0/50	14.1mg	5/50	70.7mg	32/50			liv:hpa,hpc; lun:a/a,a/c. C	
a	TR194	43.7mg	119.mg	0/50	14.1mg	2/50	70.7mg	25/50			liv:hpa,hpc.	
b	TR194	51.8mg	154.mg	0/50	14.1mg	1/50	70.7mg	22/50				
c	TR194	74.9mg	338.mg	0/50	14.1mg	3/50	70.7mg	12/50			lun:a/a,a/c.	
d	TR194	164.mg	n.s.s.	0/50	14.1mg	1/50	70.7mg	4/50				
e	TR194	31.5mg	n.s.s.	24/50	14.1mg	31/50	70.7mg	42/50				
f	TR194	43.7mg	119.mg	0/50	14.1mg	2/50	70.7mg	25/50			liv:hpa,hpc,nnd.	
g	TR194	74.9mg	338.mg	0/50	14.1mg	3/50	70.7mg	12/50			lun:a/a,a/c.	
5646	TR194	53.5mg	n.s.s.	29/50	14.1mg	35/50	70.7mg	36/50				
a	TR194	59.9mg	n.s.s.	15/50	14.1mg	14/50	70.7mg	23/50			liv:hpa,hpc,nnd.	
b	TR194	68.1mg	n.s.s.	4/50	14.1mg	10/50	70.7mg	14/50			lun:a/a,a/c.	
5647	TR194	4.08mg	10.1mg	1/50	2.10mg	0/50	10.6mg	37/50			liv:hpc,nnd.	
a	TR194	7.90mg	24.7mg	0/50	2.10mg	0/50	10.6mg	21/50				
b	TR194	5.48mg	n.s.s.	38/50	2.10mg	37/50	10.6mg	47/50				
c	TR194	4.08mg	10.1mg	1/50	2.10mg	0/50	10.6mg	37/50			liv:hpa,hpc,nnd.	
5648	TR194	6.96mg	22.1mg	1/50	2.10mg	0/50	10.6mg	24/50			liv:hpc,nnd.	
a	TR194	11.3mg	45.8mg	0/50	2.10mg	0/50	10.6mg	14/50				
b	TR194	6.01mg	n.s.s.	33/50	2.10mg	40/50	10.6mg	43/50				
c	TR194	6.96mg	22.1mg	1/50	2.10mg	0/50	10.6mg	24/50			liv:hpa,hpc,nnd.	
SENKIRKINE (renardine) 2318-18-5												
5649	1396	.784mg	4.77mg	0/19	2.03mg	9/19					Hirono;jnci,63,469-472;1979	
SERTRALINE.HCl 79559-97-0												
5650	2589	95.3mg	n.s.s.	8/100	11.2mg	9/49	22.4mg	1/50	44.8mg	12/50		
5651	2589	70.3mg	1.74gm	7/100	11.2mg	8/50	22.4mg	8/50	44.8mg	12/50	Davies;dact,21,521-537;1998	
a	2589	111.mg	n.s.s.	12/100	11.2mg	4/50	22.4mg	10/50	44.8mg	8/50		
5652	2589	144.mg	n.s.s.	1/49	11.2mg	1/50	22.4mg	2/50	44.8mg	6/50		
SESAMOL (3,4-(methylenedioxy)-phenol) 533-31-3												
5653	2011	3.15gm	124.gm	0/30	2.60gm	5/30					Tamano;gann,83,1279-1285;1992	
a	2011	7.29gm	n.s.s.	0/30	2.60gm	1/30						
b	2011	7.29gm	n.s.s.	0/30	2.60gm	1/30						
c	2011	13.7gm	n.s.s.	1/30	2.60gm	0/30						
d	2011	8.27gm	n.s.s.	1/30	2.60gm	1/30						
5654	2011	1.53gm	7.58gm	0/30	2.40gm	11/30						
a	2011	6.73gm	n.s.s.	0/30	2.40gm	1/30						
b	2011	6.73gm	n.s.s.	0/30	2.40gm	1/30						
c	2011	4.87gm	n.s.s.	7/30	2.40gm	5/30						
d	2011	7.75gm	n.s.s.	5/30	2.40gm	2/30						
5655	2011	579.mg	2.40gm	0/30	1.00gm	14/30						
a	2011	1.97gm	n.s.s.	0/30	1.00gm	3/30						
b	2011	6.18gm	n.s.s.	2/30	1.00gm	0/30						
5656	2011	655.mg	3.56gm	0/30	800.mg	10/30						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	2011	720.mg	4.43gm	0/30	800.mg	9/30				
b	2011	2.63gm	n.s.s.	0/30	800.mg	1/30				
c	2011	4.95gm	n.s.s.	2/30	800.mg	0/30				
d	2011	4.95gm	n.s.s.	1/30	800.mg	0/30				
5657	2134	268.mg	40.1gm	0/19	800.mg	5/22			Ito;anti,183-194;1990/pers.comm.	
a	2134	313.mg	n.s.s.	0/19	800.mg	4/22				
b	2134	638.mg	n.s.s.	0/19	800.mg	1/22				
SIMAZINE (CDT) 122-34-9										
5658	1243	166.mg	n.s.s.	0/17	83.8mg	0/18			Innes;ntis,1968/1969	
a	1243	166.mg	n.s.s.	1/17	83.8mg	0/18				
b	1243	166.mg	n.s.s.	2/17	83.8mg	0/18				
5659	1243	55.5mg	n.s.s.	2/18	78.0mg	3/18				
a	1243	154.mg	n.s.s.	1/18	78.0mg	0/18				
b	1243	39.7mg	n.s.s.	3/18	78.0mg	5/18				
5660	1243	87.3mg	n.s.s.	0/16	83.8mg	1/18				
a	1243	166.mg	n.s.s.	0/16	83.8mg	0/18				
b	1243	63.9mg	n.s.s.	0/16	83.8mg	2/18				
5661	1243	36.5mg	n.s.s.	0/16	78.0mg	4/17				
a	1243	146.mg	n.s.s.	0/16	78.0mg	0/17				
b	1243	26.4mg	355.mg	0/16	78.0mg	6/17				
SODIUM BICARBONATE 144-55-8										
5662	2455	401.mg	n.s.s.	0/20	1.33gm	3/19			Fujii;tmrl,40,298-306;1989/pers.comm.	
5663	1930	871.mg	n.s.s.	0/30	256.mg	1/31			Fukushima;carc,10,1635-1640;1989	
SODIUM BITHIONOLATE (vancide BN) 6385-58-6										
5664	1284	1.79mg	n.s.s.	0/17	.959mg	0/17			Innes;ntis,1968/1969	
a	1284	1.79mg	n.s.s.	1/17	.959mg	0/17				
b	1284	.641mg	n.s.s.	2/17	.959mg	3/17				
5665	1284	.833mg	n.s.s.	2/18	.891mg	2/18				
a	1284	1.77mg	n.s.s.	1/18	.891mg	0/18				
b	1284	.922mg	n.s.s.	3/18	.891mg	2/18				
5666	1284	1.90mg	n.s.s.	0/16	.959mg	0/18				
a	1284	1.90mg	n.s.s.	0/16	.959mg	0/18				
b	1284	1.90mg	n.s.s.	0/16	.959mg	0/18				
5667	1284	.559mg	n.s.s.	0/16	.891mg	2/15				
a	1284	1.47mg	n.s.s.	0/16	.891mg	0/15				
b	1284	.302mg	6.34mg	0/16	.891mg	5/15				
SODIUM CHLORIDE 7647-14-5										
5668	1806	1.50gm	n.s.s.	13/96	880.mg	11/47			Van Duuren;enhp,69,109-117;1986	
a	1806	5.27gm	n.s.s.	2/96	880.mg	1/47				
b	1806	547.mg	n.s.s.	84/96	880.mg	40/47				
5669	1806	1.08gm	n.s.s.	22/99	733.mg	16/50				
a	1806	1.44gm	n.s.s.	15/99	733.mg	11/50				
b	1806	2.34gm	n.s.s.	3/99	733.mg	4/50				
c	1806	2.51gm	n.s.s.	12/99	733.mg	6/50				
d	1806	297.mg	n.s.s.	76/99	733.mg	43/50				
5670	2076	1.00gm	32.6gm	0/22	4.00gm	5/22			Watanabe;gann,83,588-593;1992/pers.comm.	
a	2076	4.53gm	n.s.s.	0/22	4.00gm	0/22				
5671	2074	352.mg	n.s.s.	0/12	400.mg	0/19	4.00gm	0/17	Watanabe;gann,83,1267-1272;1992/pers.comm.	
5672	1807	1.36gm	n.s.s.	11/50	1.60gm	23/50			Imai;jnma,37,115-127;1986	
5673	2564	1.62gm	n.s.s.	0/15	1.96gm	0/16			Wada;clet,124,127-134;1998	
a	2564	1.62gm	n.s.s.	0/15	1.96gm	0/16				
5674	2158	732.mg	n.s.s.	0/10	1.00gm	0/10	2.00gm	0/10	4.00gm	0/10
									Takahashi;carc,15,1429-1432;1994	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
SODIUM CHLORITE 7758-19-2									
5675	1789	225.mg	n.s.s.	5/47	50.0mg	5/50	100.mg	6/50	Kurokawa;enhp,69,221-235;1986
a	1789	292.mg	n.s.s.	5/47	50.0mg	3/50	100.mg	5/50	
b	1789	442.mg	n.s.s.	3/47	50.0mg	2/50	100.mg	2/50	
c	1789	151.mg	n.s.s.	14/47	50.0mg	17/50	100.mg	13/50	
5676	1789	115.mg	1.26gm	0/35	41.7mg	3/47	83.3mg	7/43	
a	1789	46.8mg	n.s.s.	7/35	41.7mg	22/47	83.3mg	17/43	
b	1789	65.1mg	n.s.s.	3/35	41.7mg	14/47	83.3mg	11/43	
c	1789	149.mg	n.s.s.	0/35	41.7mg	2/47	83.3mg	5/43	
d	1789	45.5mg	n.s.s.	14/35	41.7mg	27/47	83.3mg	22/43	
5677	1789	69.9mg	n.s.s.	21/47	17.1mg	14/44	34.3mg	15/50	
5678	1789	155.mg	n.s.s.	28/34	15.0mg	3/30	30.0mg	6/43	
SODIUM COPPER CHLOROPHYLLIN 28302-36-5									
5679	2263	34.7mg	n.s.s.	0/20	33.7mg	0/20			Guo;clet,95,161-165;1995/pers.comm.
a	2263	34.7mg	n.s.s.	0/20	33.7mg	0/20			
5680	2195	528.mg	n.s.s.	0/20	500.mg	0/19			Hasegawa;carc,16,2243-2246;1995/pers.comm.
a	2195	528.mg	n.s.s.	0/20	500.mg	0/19			
SODIUM DIETHYLDITHIOCARBAMATE TRIHYDRATE (SDDC) 148-18-5									
5681	TR172	774.mg	n.s.s.	13/20	65.0mg	20/50	520.mg	26/50	
a	TR172	1.98gm	n.s.s.	0/20	65.0mg	2/50	520.mg	2/50	liv:hpa,hpc,nnd.
b	TR172	941.mg	n.s.s.	0/20	65.0mg	7/50	520.mg	8/50	lun:a/a,a/c.
5682	273	188.mg	n.s.s.	0/18	94.9mg	0/18			Innes;ntis,1968/1969
a	273	188.mg	n.s.s.	1/18	94.9mg	0/18			
b	273	133.mg	n.s.s.	3/18	94.9mg	1/18			
5683	TR172	530.mg	n.s.s.	13/20	60.0mg	37/50	480.mg	30/50	
a	TR172	1.01gm	n.s.s.	7/20	60.0mg	11/50	480.mg	11/50	liv:hpa,hpc,nnd.
b	TR172	742.mg	n.s.s.	6/20	60.0mg	14/50	480.mg	14/50	lun:a/a,a/c.
5684	273	27.0mg	n.s.s.	1/17	88.2mg	7/17			Innes;ntis,1968/1969
a	273	58.9mg	n.s.s.	2/17	88.2mg	3/17			
b	273	21.3mg	n.s.s.	6/17	88.2mg	10/17			
5685	273	98.9mg	n.s.s.	0/17	94.9mg	1/18			
a	273	188.mg	n.s.s.	0/17	94.9mg	0/18			
b	273	89.6mg	n.s.s.	2/17	94.9mg	2/18			
5686	273	42.0mg	n.s.s.	2/18	88.2mg	5/18			
a	273	175.mg	n.s.s.	3/18	88.2mg	0/18			
b	273	43.4mg	n.s.s.	5/18	88.2mg	6/18			
5687	TR172	146.mg	n.s.s.	17/20	62.5mg	26/50	125.mg	34/50	
a	TR172	1.79gm	n.s.s.	1/20	62.5mg	0/50	125.mg	0/50	liv:hpa,hpc,nnd.
5688	TR172	88.9mg	n.s.s.	14/16	50.0mg	38/50	100.mg	34/50	
a	TR172	684.mg	n.s.s.	0/16	50.0mg	1/50	100.mg	0/50	liv:hpa,hpc,nnd.
SODIUM HYPOCHLORITE (clorox; hypochlorous acid, sodium salt) 7681-52-9									
5689	1789	734.mg	n.s.s.	7/72	97.2mg	6/50	194.mg	5/50	Kurokawa;enhp,69,221-235;1986
a	1789	965.mg	n.s.s.	9/72	97.2mg	9/50	194.mg	3/50	
b	1789	1.96gm	n.s.s.	4/72	97.2mg	1/50	194.mg	1/50	
c	1789	285.mg	n.s.s.	42/72	97.2mg	34/50	194.mg	26/50	
5690	1789	187.mg	n.s.s.	31/73	81.0mg	27/50	162.mg	24/50	
a	1789	402.mg	n.s.s.	10/73	81.0mg	9/50	162.mg	9/50	
b	1789	377.mg	n.s.s.	24/73	81.0mg	17/50	162.mg	15/50	
c	1789	92.1mg	n.s.s.	53/73	81.0mg	39/50	162.mg	40/50	
5691	1780	1.03gm	n.s.s.	0/50	53.1mg	1/50	106.mg	0/50	Hasegawa;fctx,24,1295-1302;1986
5692	1780	450.mg	n.s.s.	0/49	23.2mg	1/50	46.4mg	0/50	
a	1780	450.mg	n.s.s.	0/49	23.2mg	1/50	46.4mg	0/50	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	1780	589.mg	n.s.s.	1/49	23.2mg	1/50	46.4mg	0/50			
SODIUM METAPHOSPHATE 10361-03-2											
5693	2582	4.73gm	n.s.s.	0/47	750.mg	0/46	1.50gm	0/37		Kitahori;jtxp,11,41-47;1998/pers.comm.	
a	2582	1.11gm	n.s.s.	25/47	750.mg	33/46	1.50gm	22/37			
5694	2582	3.43gm	n.s.s.	0/39	600.mg	0/40	1.20gm	0/36			
a	2582	166.mg	n.s.s.	38/39	600.mg	40/40	1.20gm	35/36			
SORBIC ACID 110-44-1											
5695	409	58.9gm	n.s.s.	0/48	1.30gm	0/46	6.50gm	0/43	13.0gm	1/43	Hendy;fctx,14,181-186;1976
a	409	32.3gm	n.s.s.	14/48	1.30gm	5/46	6.50gm	10/43	13.0gm	5/43	
5696	409	5.10gm	n.s.s.	1/44	1.20gm	0/46	6.00gm	0/43	12.0gm	0/43	
a	409	14.6gm	n.s.s.	19/44	1.20gm	16/46	6.00gm	16/43	12.0gm	15/43	
5697	412	10.9gm	n.s.s.	3/42	750.mg	2/45	5.00gm	7/46			Gaunt;fctx,13,31-45;1975
a	412	44.7gm	n.s.s.	3/42	750.mg	3/45	5.00gm	0/46			
b	412	1.02gm	n.s.s.	35/42	750.mg	30/45	(5.00gm)	17/46			
5698	412	25.8gm	n.s.s.	0/43	600.mg	1/43	4.00gm	0/41			
a	412	4.11gm	n.s.s.	20/43	600.mg	21/43	4.00gm	21/41			
b	412	9.48gm	n.s.s.	5/43	600.mg	3/43	4.00gm	6/41			
SOTALOL.HCl 959-24-0											
5699	1635	1.16gm	n.s.s.	3/60	254.mg	6/60	509.mg	7/60			Weikel;jcph,19,591-604;1979
a	1635	3.99gm	n.s.s.	0/60	254.mg	1/60	509.mg	0/60			
b	1635	1.64gm	n.s.s.	0/60	254.mg	0/60	509.mg	0/60			
c	1635	752.mg	n.s.s.	4/60	254.mg	11/60	509.mg	11/60			
d	1635	589.mg	n.s.s.	16/60	254.mg	18/60	509.mg	22/60			
e	1635	1.33gm	n.s.s.	13/60	254.mg	9/60	509.mg	12/60			
5700	1635	1.07gm	n.s.s.	11/57	254.mg	12/57	509.mg	12/60			
a	1635	4.45gm	n.s.s.	1/57	254.mg	0/57	509.mg	1/60			
b	1635	4.33gm	n.s.s.	6/57	254.mg	1/57	509.mg	2/60			
c	1635	1.59gm	n.s.s.	1/57	254.mg	0/57	509.mg	0/60			
d	1635	1.60gm	n.s.s.	19/57	254.mg	14/57	509.mg	13/60			
e	1635	1.94gm	n.s.s.	5/57	254.mg	4/57	509.mg	5/60			
f	1635	1.47gm	n.s.s.	23/57	254.mg	17/57	509.mg	16/60			
5701	1635	2.05gm	n.s.s.	0/60	102.mg	0/60	206.mg	1/60			
a	1635	118.mg	n.s.s.	44/60	102.mg	47/60	206.mg	48/60			
b	1635	535.mg	n.s.s.	5/60	102.mg	6/60	206.mg	10/60			
c	1635	186.mg	n.s.s.	43/60	102.mg	43/60	206.mg	43/60			
5702	1635	2.03gm	n.s.s.	0/60	102.mg	0/60	206.mg	1/59			
a	1635	1.53gm	n.s.s.	1/60	102.mg	2/60	206.mg	1/59			
b	1635	142.mg	n.s.s.	44/60	102.mg	43/60	206.mg	46/59			
c	1635	468.mg	n.s.s.	12/60	102.mg	10/60	206.mg	15/59			
d	1635	224.mg	n.s.s.	41/60	102.mg	36/60	206.mg	40/59			
SOYBEAN LECITHIN (Glycine max) 8002-43-5											
5703	1359	19.4gm	n.s.s.	1/47	2.00gm	0/47					Brantom;fctx,11,755-769;1973
5704	1359	6.87gm	n.s.s.	0/41	1.60gm	1/39					
STERIGMATOCYSTIN 10048-13-2											
5705	1492m	.226mg	1.80mg	0/10	3.15mg	8/10					Enomoto;fctx,20,547-556;1982
a	1492m	.490mg	9.33mg	0/10	3.15mg	5/10					
b	1492m	1.43mg	n.s.s.	0/10	3.15mg	1/10					
c	1492m	1.43mg	n.s.s.	0/10	3.15mg	1/10					
d	1492m	1.43mg	n.s.s.	0/10	3.15mg	1/10					
5706	1492n	.420mg	1.20mg	0/35	2.94mg	29/38					
a	1492n	2.35mg	41.4mg	0/35	2.94mg	6/38					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	1492n	2.67mg	320.mg	0/35	2.94mg	5/38					
c	1492n	3.08mg	n.s.s.	0/35	2.94mg	4/38					
d	1492n	6.06mg	n.s.s.	0/35	2.94mg	1/38					
e	1492n	6.06mg	n.s.s.	0/35	2.94mg	1/38					
5707	2004	46.8ug	.310mg	0/47	.117mg	5/15	.214mg	5/14		Adamson;ossc,129-156; 1982/Thorgeirsson 1994/Dalgard 1997/Thorgeirsson&Seiber pers.comm.	
a	2004	49.8ug	.441mg	0/47	.117mg	4/15	.214mg	4/14			
b	2004	67.6ug	.683mg	0/47	.117mg	3/15	.214mg	4/14			
c	2004	.219mg	n.s.s.	0/35	.117mg	1/12	.214mg	1/13			
d	2004	74.2ug	n.s.s.	0/5	.117mg	1/6	.214mg	0/1			
e	2004	74.9ug	n.s.s.	1/22	.117mg	2/12	.214mg	0/10			
f	2004	.221mg	n.s.s.	0/16	.117mg	0/10	.214mg	1/7			
g	2004	80.1ug	n.s.s.	1/15	.117mg	2/10	.214mg	0/6			
h	2004	.287mg	n.s.s.	0/22	.117mg	0/11	.214mg	1/10			
i	2004	35.2ug	2.35mg	3/47	.117mg	8/15	.214mg	5/14			
j	2004	44.7ug	1.21mg	2/47	.117mg	6/15	.214mg	5/14			
k	2004	67.4ug	n.s.s.	2/20	.117mg	3/11	.214mg	1/8			
5708	1184	.679mg	10.4mg	0/11	4.00ug	0/27	40.0ug	1/29	.400mg	5/26	Maekawa;gann,70,777-781;1979
a	1184	1.05mg	91.1mg	0/11	4.00ug	0/27	40.0ug	0/29	.400mg	3/26	
b	1184	.898mg	n.s.s.	0/11	4.00ug	0/27	40.0ug	1/29	.400mg	3/26	
c	1184	1.76mg	n.s.s.	0/11	4.00ug	0/27	40.0ug	0/29	.400mg	1/26	
d	1184	.753mg	n.s.s.	7/11	4.00ug	13/27	40.0ug	6/29	.400mg	10/26	
5709	392	42.6ug	.166mg	0/17	.200mg	11/13	.400mg	12/13			Ohtsubo;fctx,16,143-149;1978
a	392	.295mg	9.46mg	0/17	.200mg	2/13	.400mg	4/13			
b	392	.474mg	n.s.s.	0/17	.200mg	1/13	.400mg	2/13			
5710	275m	.165mg	.982mg	0/10	.107mg	4/10	.213mg	5/10	1.07mg	9/10	Purchase;fctx,8,289-295;1970
5711	275n	53.6ug	.286mg	0/10	.239mg	8/10	.477mg	10/10	(2.39mg	3/10)	
5712	707	48.6ug	.333mg	0/25	.313mg	8/14					Terao;fctx,16,591-596;1978
STEVIOSIDE 57817-89-7											
5713	2553	8.26gm	n.s.s.	0/49	1.20gm	0/46	2.41gm	0/47			Toyoda;fctx,35,597-603;1997
a	2553	1.68gm	n.s.s.	37/49	1.20gm	37/46	2.41gm	36/47			
5714	2553	16.4gm	n.s.s.	0/49	963.mg	1/48	1.93gm	0/47			
a	2553	11.6gm	n.s.s.	5/49	963.mg	3/48	1.93gm	3/47			
b	2553	163.mg	n.s.s.	49/49	963.mg	47/48	1.93gm	47/47			
STODDARD SOLVENT IIC 64742-88-7											
5715	TR519	602.mg	n.s.s.	9/50	170.mg	12/50	339.mg	15/50	679.mg	18/50	
a	TR519	343.mg	n.s.s.	39/50	170.mg	41/50	339.mg	44/50	679.mg	45/50	
b	TR519	583.mg	n.s.s.	13/50	170.mg	17/50	339.mg	18/50	679.mg	21/50	liv:hpa,hpb,hpc. lun:a/a,a/c.
c	TR519	2.03gm	n.s.s.	2/50	170.mg	2/50	339.mg	3/50	679.mg	3/50	
5716	TR519	541.mg	n.s.s.	50/50	170.mg	48/50	339.mg	42/50	679.mg	43/50	
a	TR519	648.mg	n.s.s.	34/50	170.mg	37/50	339.mg	30/50	679.mg	32/50	liv:hpa,hpb,hpc. lun:a/a,a/c.
b	TR519	1.14gm	n.s.s.	13/50	170.mg	4/50	339.mg	6/50	(679.mg	6/50)	
5717	TR519	664.mg	5.27gm	0/50	129.mg	3/50	257.mg	5/50	514.mg	6/50	
a	TR519	599.mg	133.gm	1/50	129.mg	5/50	257.mg	6/50	514.mg	7/50	cli:ade,car. S
b	TR519	672.mg	n.s.s.	4/50	129.mg	2/50	257.mg	10/50	514.mg	8/50	S
c	TR519	1.39gm	n.s.s.	0/50	129.mg	0/50	257.mg	4/50	514.mg	2/50	ski:fba,fbs,sar; sub:fib. S
d	TR519	177.mg	n.s.s.	46/50	129.mg	50/50	257.mg	50/50	514.mg	48/50	
e	TR519	n.s.s.	n.s.s.	0/50	129.mg	0/50	257.mg	0/50	514.mg	0/50	liv:hpa,hpb,hpc.
5718	TR519	115.mg	838.mg	6/50	28.4mg	9/50	113.mg	13/50	226.mg	19/50	amd:phm,pob.
a	TR519	116.mg	952.mg	5/50	28.4mg	9/50	113.mg	13/50	226.mg	17/50	
b	TR519	387.mg	n.s.s.	0/50	28.4mg	1/50	113.mg	1/50	226.mg	3/50	S
c	TR519	1.97gm	n.s.s.	0/50	28.4mg	0/50	113.mg	1/50	226.mg	0/50	
d	TR519	68.1mg	n.s.s.	50/50	28.4mg	50/50	113.mg	50/50	226.mg	50/50	
e	TR519	773.mg	n.s.s.	0/50	28.4mg	1/50	113.mg	0/50	226.mg	1/50	liv:hpa,hpb,hpc.

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
5719	TR519	645.mg	n.s.s.	3/50	28.4mg	2/50	113.mg	3/50	226.mg	7/50					
STREPTOZOTOCIN 18883-66-4															
5720	1336m	91.5ug	.477mg	20/154	.855mg	16/19	(2.50mg	14/21)						Skipper;srfr;1976/Weisburger;canc;1977/Prejean pers.comm.	
a	1336m	.480mg	7.18mg	0/154	.855mg	4/19	(2.50mg	2/21)							
b	1336m	3.19mg	n.s.s.	1/154	.855mg	0/19	2.50mg	2/21							
c	1336m	1.44mg	n.s.s.	1/154	.855mg	0/19	2.50mg	0/21							
d	1336m	90.2ug	.443mg	13/154	.855mg	16/19	(2.50mg	9/21)							
e	1336m	.263mg	1.09mg	42/154	.855mg	16/19	2.50mg	17/21							
f	1336m	1.66mg	n.s.s.	29/154	.855mg	0/19	2.50mg	8/21							
5721	1336m	.197mg	1.82mg	9/101	.930mg	9/17	(2.08mg	5/16)							
a	1336m	.599mg	47.1mg	0/101	.930mg	2/17	(2.08mg	0/16)							
b	1336m	2.74mg	n.s.s.	2/101	.930mg	0/17	2.08mg	1/16							
c	1336m	92.5ug	.761mg	28/101	.930mg	14/17	(2.08mg	6/16)							
d	1336m	.264mg	5.53mg	9/101	.930mg	7/17	(2.08mg	2/16)							
e	1336m	.890mg	n.s.s.	19/101	.930mg	7/17	2.08mg	4/16							
5722	1336n	.693mg	2.70mg	0/182	.859mg	5/23	1.82mg	10/23							
a	1336n	.487mg	65.7mg	12/182	.859mg	6/23	(1.82mg	1/23)							
b	1336n	.724mg	30.7mg	1/182	.859mg	3/23	(1.82mg	0/23)							
c	1336n	1.68mg	18.4mg	0/182	.859mg	1/23	1.82mg	4/23							
d	1336n	1.94mg	29.0mg	0/182	.859mg	1/23	1.82mg	3/23							
e	1336n	.169mg	1.22mg	44/182	.859mg	16/23	(1.82mg	8/23)							
f	1336n	.410mg	n.s.s.	103/182	.859mg	21/23	1.82mg	15/23							
g	1336n	2.05mg	n.s.s.	59/182	.859mg	5/23	1.82mg	7/23							
5723	1336n	.446mg	1.51mg	0/177	.859mg	7/22	1.72mg	12/20							
a	1336n	3.31mg	n.s.s.	0/177	.859mg	1/22	1.72mg	0/20							
b	1336n	.365mg	2.94mg	59/177	.859mg	15/22	1.72mg	13/20							
c	1336n	.504mg	3.83mg	32/177	.859mg	14/22	1.72mg	8/20							
d	1336n	1.86mg	n.s.s.	27/177	.859mg	1/22	1.72mg	5/20							
STROBANE (dichloricide mothproofers) 8001-50-1															
5724	277	3.32mg	n.s.s.	0/17	1.55mg	0/18								Innes;ntis,1968/1969	
a	277	3.32mg	n.s.s.	1/17	1.55mg	0/18									
b	277	3.32mg	n.s.s.	2/17	1.55mg	0/18									
5725	277	.300mg	2.14mg	1/18	1.45mg	11/18									
a	277	3.10mg	n.s.s.	2/18	1.45mg	0/18									
b	277	.319mg	9.63mg	3/18	1.45mg	11/18									
5726	277	1.75mg	n.s.s.	0/16	1.55mg	1/18									
a	277	3.32mg	n.s.s.	0/16	1.55mg	0/18									
b	277	1.02mg	n.s.s.	0/16	1.55mg	3/18									
5727	277	.530mg	11.1mg	0/16	1.45mg	5/15									
a	277	.980mg	n.s.s.	0/16	1.45mg	2/15									
b	277	1.35mg	n.s.s.	0/16	1.45mg	1/15									
c	277	.330mg	2.28mg	0/16	1.45mg	8/15									
STYRENE 100-42-5															
5728	TR185	369.mg	n.s.s.	0/20	92.0mg	1/50	184.mg	5/50							S
a	TR185	188.mg	n.s.s.	2/20	92.0mg	11/50	184.mg	10/50							
b	TR185	369.mg	n.s.s.	0/20	92.0mg	1/50	184.mg	5/50						liv:hpa,hpc,nnnd.	
c	TR185	477.mg	n.s.s.	0/20	92.0mg	1/50	184.mg	3/50						lun:a/a,a/c.	
5729	TR185	198.mg	4.60gm	0/20	92.0mg	6/49	184.mg	9/50						lun:a/a,a/c.	
a	TR185	154.mg	n.s.s.	9/20	92.0mg	14/49	184.mg	21/50							
b	TR185	219.mg	n.s.s.	5/20	92.0mg	8/49	184.mg	13/50						liv:hpa,hpc,nnnd.	
c	TR185	198.mg	4.60gm	0/20	92.0mg	6/49	184.mg	9/50						lun:a/a,a/c.	
5730	2650m	99.9mg	n.s.s.	1/10	26.8mg	2/10	53.6mg	0/9	107.mg	2/10	214.mg	0/10		Cruzan;japt,21,185-198;2001	
5731	2650n	96.6mg	n.s.s.	1/10	26.8mg	4/10	53.6mg	5/10	107.mg	1/10	214.mg	3/10			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	1791	150. mg	328. mg	0/52	114. mg	21/52	228. mg	24/52		
c	1791	472. mg	n. s. s.	8/52	114. mg	6/52	(228. mg	0/52)		
5753	1791	19. 4mg	47. 0mg	1/52	114. mg	50/52	228. mg	50/51		
a	1791	59. 6mg	114. mg	0/52	114. mg	35/52	228. mg	43/51		
b	1791	87. 2mg	283. mg	1/52	114. mg	23/52	(228. mg	18/51)		
c	1791	1. 33gm	n. s. s.	2/52	114. mg	1/52	228. mg	3/52		
5754	BT105	60. 6mg	167. mg	0/40	10. 7mg	7/37	53. 6mg	21/38	Conti ;anya, 534, 203-234; 1988	
a	BT105	63. 7mg	180. mg	0/40	10. 7mg	7/37	53. 6mg	20/38		
b	BT105	78. 0mg	264. mg	0/40	10. 7mg	7/37	53. 6mg	16/38		
c	BT105	151. mg	755. mg	0/40	10. 7mg	1/37	53. 6mg	10/38		
d	BT105	217. mg	19. 7gm	0/40	10. 7mg	2/37	53. 6mg	5/38		
e	BT105	74. 1mg	7. 47gm	10/40	10. 7mg	16/40	53. 6mg	22/40		
f	BT105	83. 2mg	771. mg	7/40	10. 7mg	9/40	53. 6mg	20/40		
5755	1702	60. 6mg	167. mg	0/40	10. 7mg	7/37	53. 6mg	21/38	Maltoni ;amet, 2, 97-110; 1981	
a	1702	63. 7mg	180. mg	0/40	10. 7mg	7/37	53. 6mg	20/38		
b	1702	78. 0mg	264. mg	0/40	10. 7mg	7/37	53. 6mg	16/38		
c	1702	151. mg	755. mg	0/40	10. 7mg	1/37	53. 6mg	10/38		
d	1702	217. mg	19. 7gm	0/40	10. 7mg	2/37	53. 6mg	5/38		
5756	BT105	29. 6mg	184. mg	0/39	10. 7mg	9/39	(53. 6mg	16/39)	Conti ;anya, 534, 203-234; 1988	
a	BT105	63. 2mg	194. mg	0/39	10. 7mg	10/39	53. 6mg	19/39		
b	BT105	84. 3mg	284. mg	0/39	10. 7mg	6/39	53. 6mg	16/39		
c	BT105	141. mg	2. 30gm	0/39	10. 7mg	5/39	53. 6mg	8/39		
d	BT105	172. mg	2. 23gm	0/39	10. 7mg	3/39	53. 6mg	7/39		
e	BT105	89. 2mg	1. 75gm	6/40	10. 7mg	11/40	53. 6mg	18/40		
f	BT105	84. 0mg	n. s. s.	9/40	10. 7mg	14/40	53. 6mg	20/40		
5757	1702	29. 6mg	184. mg	0/39	10. 7mg	9/39	(53. 6mg	16/39)	Maltoni ;amet, 2, 97-110; 1981	
a	1702	63. 2mg	194. mg	0/39	10. 7mg	10/39	53. 6mg	19/39		
b	1702	84. 3mg	284. mg	0/39	10. 7mg	6/39	53. 6mg	16/39		
c	1702	141. mg	2. 30gm	0/39	10. 7mg	5/39	53. 6mg	8/39		
d	1702	172. mg	2. 23gm	0/39	10. 7mg	3/39	53. 6mg	7/39		
SUCCINIC ANHYDRIDE 108-30-5										
5758	TR373	309. mg	n. s. s.	27/50	52. 8mg	14/50	106. mg	16/50		
a	TR373	759. mg	n. s. s.	2/50	52. 8mg	1/50	106. mg	1/50	liv:hpa,hpc,ndd.	
b	TR373	424. mg	n. s. s.	3/50	52. 8mg	1/50	106. mg	4/50	lun:a/a,a/c.	
5759	TR373	118. mg	n. s. s.	28/50	26. 9mg	13/50	53. 1mg	24/50		
a	TR373	81. 4mg	n. s. s.	13/50	26. 9mg	6/50	(53. 1mg	7/50)	liv:hpa,hpc,ndd.	
b	TR373	144. mg	n. s. s.	5/50	26. 9mg	4/50	53. 1mg	7/50	lun:a/a,a/c.	
5760	TR373	56. 3mg	n. s. s.	55/60	35. 0mg	47/60	70. 1mg	39/60		
a	TR373	198. mg	n. s. s.	2/60	35. 0mg	1/60	70. 1mg	3/60	liv:hpa,hpc,ndd.	
5761	TR373	63. 1mg	n. s. s.	54/60	35. 0mg	47/60	70. 1mg	43/60		
a	TR373	729. mg	n. s. s.	1/60	35. 0mg	0/60	70. 1mg	0/60	liv:hpa,hpc,ndd.	
SUCRALOSE (1,6-dichloro-1,6-dideoxy-beta-D-fructofuranosyl-4-chloro-4-deoxy-alpha-D-galactopyranoside) 56038-13-2										
5762	2637	24. 2gm	n. s. s.	0/71	390. mg	0/52	1. 30gm	0/52	3. 90gm	2/52
a	2637	41. 9gm	n. s. s.	8/71	390. mg	2/52	1. 30gm	1/52	3. 90gm	1/52
b	2637	20. 4gm	n. s. s.	5/71	390. mg	3/52	1. 30gm	3/52	3. 90gm	3/52
c	2637	28. 7gm	n. s. s.	7/71	390. mg	5/52	1. 30gm	7/52	3. 90gm	1/52
d	2637	10. 2gm	n. s. s.	47/72	390. mg	29/52	1. 30gm	29/52	3. 90gm	24/52
5763	2637	8. 72gm	n. s. s.	7/72	360. mg	5/52	1. 20gm	7/52	3. 60gm	8/52
a	2637	14. 1gm	n. s. s.	12/72	360. mg	7/52	1. 20gm	6/52	3. 60gm	7/52
b	2637	8. 51gm	n. s. s.	27/72	360. mg	22/52	1. 20gm	23/52	3. 60gm	17/52
c	2637	12. 4gm	n. s. s.	10/72	360. mg	13/52	1. 20gm	12/52	3. 60gm	7/52
d	2637	3. 15gm	n. s. s.	54/72	360. mg	38/52	1. 20gm	41/52	3. 60gm	38/52

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code		
SUCROSE 57-50-1											
5764	2126	74.5gm	n.s.s.	0/49	13.0gm	0/47		Burdock;fctx,37,233-264;1999/pers.comm.			
5765	2126	15.8gm	n.s.s.	5/49	12.0gm	8/49					
5766	1979	31.8gm	n.s.s.	3/44	13.0gm	6/47		Smits-van Prooijs;fctx,28,243-251;1990			
a	1979	66.0gm	n.s.s.	0/44	13.0gm	1/46					
b	1979	14.3gm	n.s.s.	28/46	13.0gm	29/49					
5767	1979	21.3gm	n.s.s.	5/49	12.0gm	8/48					
a	1979	33.3gm	n.s.s.	1/48	12.0gm	3/47					
b	1979	29.5gm	n.s.s.	4/48	12.0gm	5/47					
c	1979	12.0gm	n.s.s.	20/50	12.0gm	22/49					
5768	1090	14.9gm	n.s.s.	7/45	13.0gm	8/43		Roe;fctx,8,135-145;1970			
a	1090	32.9gm	n.s.s.	3/45	13.0gm	2/43					
SUCROSE ACETATE ISOBUTYRATE 126-13-6											
5769	2581n	19.6gm	n.s.s.	48/100	5.00gm	14/50		Mackenzie;fctx,36,111-120;1998			
5770	2581n	7.23gm	n.s.s.	51/100	5.00gm	25/50					
5771	2581m	799.mg	n.s.s.	0/20	2.00gm	2/20					
a	2581m	799.mg	n.s.s.	0/20	2.00gm	2/20					
5772	2581n	3.44gm	n.s.s.	81/100	2.00gm	33/50					
5773	2581m	2.06gm	n.s.s.	0/20	2.00gm	0/20					
a	2581m	2.06gm	n.s.s.	3/20	2.00gm	0/20					
5774	2581n	334.mg	n.s.s.	99/100	2.00gm	49/50					
SULFALLATE 95-06-7											
5775	TR115	18.4mg	41.6mg	0/20	73.1mg	33/50	146.mg	27/50	mg1:acn,asm.		
a	TR115	24.0mg	72.5mg	0/20	73.1mg	23/50	146.mg	11/50			
b	TR115	42.8mg	1.16gm	1/20	73.1mg	13/50	146.mg	4/50	lun:a/a,a/c. S		
c	TR115	57.4mg	190.mg	0/20	73.1mg	10/50	146.mg	16/50			
d	TR115	53.4mg	272.mg	0/20	73.1mg	5/50	146.mg	8/50	S		
e	TR115	13.7mg	39.2mg	7/20	73.1mg	42/50	146.mg	37/50			
f	TR115	53.4mg	272.mg	0/20	73.1mg	5/50	146.mg	8/50	liv:hpa,hpc,nnd.		
g	TR115	42.8mg	1.16gm	1/20	73.1mg	13/50	146.mg	4/50	lun:a/a,a/c.		
5776	TR115	59.6mg	276.mg	0/20	69.6mg	14/50	140.mg	17/50	lun:a/a,a/c.		
a	TR115	138.mg	2.29gm	0/20	69.6mg	3/50	140.mg	9/50	S		
b	TR115	230.mg	n.s.s.	0/20	69.6mg	1/50	140.mg	6/50	S		
c	TR115	31.1mg	n.s.s.	8/20	69.6mg	37/50	140.mg	39/50			
d	TR115	62.4mg	n.s.s.	7/20	69.6mg	22/50	140.mg	24/50	liv:hpa,hpc,nnd.		
e	TR115	59.6mg	276.mg	0/20	69.6mg	14/50	140.mg	17/50	lun:a/a,a/c.		
5777	TR115	9.63mg	34.8mg	0/50	6.70mg	7/50	10.8mg	11/50			
a	TR115	4.01mg	n.s.s.	36/50	6.70mg	37/50	10.8mg	30/50			
b	TR115	21.4mg	n.s.s.	1/50	6.70mg	3/50	10.8mg	2/50	liv:hpa,hpc,nnd.		
5778	TR115	9.75mg	321.mg	0/50	5.40mg	4/50	8.80mg	2/50	thy:cca,ccr. S		
a	TR115	18.7mg	703.mg	0/50	5.40mg	0/50	8.80mg	5/50	sto:ppn,sgc,sgp.		
b	TR115	3.94mg	n.s.s.	28/50	5.40mg	27/50	8.80mg	19/50			
c	TR115	n.s.s.	n.s.s.	0/50	5.40mg	0/50	8.80mg	0/50	liv:hpa,hpc,nnd.		
SULFAMETHAZINE (4-amino-N-(4,6-dimethyl-2-pyrimidinyl)-benzenesulfonamide) 57-68-1											
5779	1924m	505.mg	n.s.s.	0/24	39.0mg	0/24	156.mg	0/24	624.mg	1/22	Littlefield;fctx,27,455-463;1989/1989a/pers.comm.
a	1924m	760.mg	n.s.s.	0/24	39.0mg	1/24	156.mg	0/24	624.mg	0/22	
b	1924m	535.mg	n.s.s.	0/24	39.0mg	0/24	156.mg	1/24	624.mg	0/22	
5780	1924n	299.mg	1.76gm	0/24	39.0mg	1/24	156.mg	0/24	624.mg	9/23	
a	1924n	645.mg	n.s.s.	0/24	39.0mg	1/24	156.mg	1/24	624.mg	2/23	
b	1924n	1.25gm	n.s.s.	0/24	39.0mg	0/24	156.mg	1/24	624.mg	0/23	
5781	1924o	1.33gm	3.54gm	7/184	39.0mg	2/95	78.0mg	1/94	156.mg	0/96	312.mg 2/96 624.mg 34/94
a	1924o	1.39gm	3.75gm	7/184	39.0mg	2/95	78.0mg	0/94	156.mg	0/96	312.mg 2/96 624.mg 33/94
b	1924o	2.69gm	n.s.s.	10/184	39.0mg	6/95	78.0mg	12/94	156.mg	5/96	312.mg 7/96 624.mg 11/94

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc						Citation or Pathology	Brkly Code			
a	TR102	n.s.s.	n.s.s.	0/20	88.5mg	1/50	249.mg	0/50							liv:hpa,hpc,nd.		
4,4'-SULFONYLBISACETANILIDE 77-46-3																	
5796	144	9.05mg	n.s.s.	0/18	5.93mg	1/18										Morris;jnci,24,149-180;1960	
SULINDAC SULFONE (exisulind) 59973-80-7																	
5797	2625	15.4mg	n.s.s.	0/6	48.0mg	0/6										Reddy;canr,59,3387-3391;1999	
SUXIBUZONE 27470-51-5																	
5798	2439	172.mg	n.s.s.	0/50	31.2mg	0/50	62.5mg	0/50	125.mg	0/50	250.mg	0/50	Inoue;iyke,18,345-359;1987				
5799	2439	211.mg	n.s.s.	6/50	25.0mg	2/50	50.0mg	1/50	100.mg	15/50	(200.mg	8/50)					
a	2439	2.96gm	n.s.s.	1/50	25.0mg	0/50	50.0mg	1/50	100.mg	0/50	200.mg	0/50					
b	2439	2.27gm	n.s.s.	0/50	25.0mg	0/50	50.0mg	1/50	100.mg	0/50	200.mg	0/50					
SYMPHYTINE 22571-95-5																	
5800	1396	.655mg	n.s.s.	0/13	1.20mg	4/14										Hirono;jnci,63,469-472;1979	
a	1396	.895mg	n.s.s.	3/18	1.20mg	5/18											
T-2 TOXIN (FUSARIOTOXIN T-2) 21259-20-1																	
5801	2357	.375mg	n.s.s.	0/50	.195mg	2/50	(.390mg	0/50)								Schiefer;fctx,25,593-601;1987	
a	2357	.563mg	n.s.s.	3/50	.195mg	5/50	.390mg	5/50									
b	2357	1.52mg	n.s.s.	0/50	.195mg	1/50	.390mg	0/50									
c	2357	1.05mg	n.s.s.	2/50	.195mg	2/50	.390mg	2/50									
5802	2357	.362mg	n.s.s.	3/46	.180mg	3/50	.360mg	10/48									
a	2357	.295mg	n.s.s.	4/40	.180mg	7/47	.360mg	11/48									
b	2357	.975mg	n.s.s.	2/40	.180mg	0/47	.360mg	3/48									
c	2357	1.23mg	n.s.s.	1/46	.180mg	1/50	.360mg	1/48									
TACE (chlorotrianisene) 569-57-3																	
5803	108	.162mg	n.s.s.	0/20	50.0ug	0/20	.200mg	0/20	2.00mg	0/20						Gibson;txap,11,489-510;1967	
5804	108	.162mg	n.s.s.	0/20	50.0ug	0/20	.200mg	0/20	2.00mg	0/20							
TALTIRELIN TETRAHYDRATE ---																	
5805	2519	182.mg	n.s.s.	3/58	50.0mg	5/60										Yamamura;jtxs,22,II,419-430;1997	
a	2519	274.mg	n.s.s.	1/58	50.0mg	2/60											
b	2519	338.mg	n.s.s.	3/58	50.0mg	2/60											
5806	2519	141.mg	n.s.s.	6/60	50.0mg	8/58											
a	2519	317.mg	n.s.s.	6/60	50.0mg	3/58											
b	2519	268.mg	n.s.s.	9/60	50.0mg	5/58											
c	2519	250.mg	n.s.s.	13/60	50.0mg	7/58											
5807	2519	1.87gm	n.s.s.	0/55	20.0mg	1/55	60.0mg	0/55	200.mg	0/55							
5808	2519	789.mg	n.s.s.	0/55	20.0mg	0/55	60.0mg	2/55	200.mg	1/55							
TAMOXIFEN CITRATE 54965-24-1																	
5809	2334m	1.40mg	8.79mg	0/23	5.00mg	9/25	(50.0mg	9/24)								Tucker;stnd,125-161;1984	
a	2334m	78.2mg	n.s.s.	0/23	5.00mg	1/25	50.0mg	0/24									
b	2334m	9.11mg	n.s.s.	0/23	5.00mg	0/25	50.0mg	0/24									
5810	2334m	4.66mg	15.4mg	0/25	5.00mg	2/24	50.0mg	21/25									
a	2334m	81.0mg	n.s.s.	0/25	5.00mg	1/24	50.0mg	0/25									
b	2334m	60.5mg	n.s.s.	1/25	5.00mg	1/24	50.0mg	1/25									
c	2334m	101.mg	n.s.s.	2/25	5.00mg	1/24	50.0mg	0/25									
5811	2334n	2.36mg	n.s.s.	0/6	20.0mg	2/6											
5812	2334o	2.36mg	n.s.s.	0/6	20.0mg	2/6											
5813	2323m	24.7mg	n.s.s.	0/15	21.0mg	2/15										Martin;carc,18,2209-2215;1997/pers.comm.	
a	2323m	64.9mg	n.s.s.	0/15	21.0mg	0/15											
b	2323m	64.9mg	n.s.s.	0/15	21.0mg	0/15											

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
5814	2323n	40.5mg	n.s.s.	0/33	23.8mg	0/33						
5815	2323o	40.3mg	n.s.s.	0/33	23.7mg	0/33						
5816	2044	12.7mg	23.4mg	0/104	5.00mg	6/52	20.0mg	37/52	35.0mg	37/52	Greaves; canr, 53, 3919-3924; 1993	
	a	2044	72.9mg	370.mg	1/104	5.00mg	2/52	20.0mg	6/52	35.0mg	9/52	
	b	2044	114.mg	681.mg	0/104	5.00mg	0/52	20.0mg	4/52	35.0mg	5/52	
	c	2044	204.mg	n.s.s.	1/104	5.00mg	0/52	20.0mg	2/52	35.0mg	2/52	
	d	2044	367.mg	n.s.s.	0/104	5.00mg	0/52	20.0mg	1/52	35.0mg	0/52	
5817	2044	13.8mg	26.0mg	1/102	5.00mg	8/51	20.0mg	34/51	35.0mg	34/51		
	a	2044	26.4mg	130.mg	1/102	5.00mg	8/51	20.0mg	11/51	(35.0mg	8/51)	
	b	2044	132.mg	1.04gm	0/102	5.00mg	0/51	20.0mg	2/51	35.0mg	5/51	
	c	2044	271.mg	n.s.s.	0/102	5.00mg	0/51	20.0mg	1/51	35.0mg	1/51	
5818	2049m	.939mg	2.27mg	0/18	11.3mg	24/36	22.6mg	24/24			Hard; canr, 53, 4534-4541; 1993/pers.comm.	
	a	2049m	1.10mg	2.65mg	0/18	11.3mg	21/36	22.6mg	24/24			
	b	2049m	1.39mg	3.40mg	0/18	11.3mg	16/36	22.6mg	24/24			
5819	2049n	2.56mg	6.23mg	0/21	9.04mg	16/30	18.1mg	22/33				
	a	2049n	2.84mg	7.11mg	0/21	9.04mg	13/30	18.1mg	22/33			
	b	2049n	3.01mg	7.77mg	0/21	9.04mg	14/30	18.1mg	20/33			
5820	2116m	2.43mg	29.2mg	0/10	2.80mg	0/10	11.3mg	5/10	45.2mg	2/4	Williams; carc, 14, 315-317; 1993/pers.comm.	
	a	2116m	3.43mg	59.0mg	0/10	2.80mg	0/10	11.3mg	1/10	45.2mg	3/4	
5821	2116n	2.93mg	35.9mg	0/12	2.24mg	0/27	9.04mg	5/12	(45.2mg	7/22)		
	a	2116n	2.93mg	35.9mg	0/12	2.24mg	0/27	9.04mg	5/12	(45.2mg	6/22)	
5822	2250r	1.96mg	12.8mg	0/10	21.0mg	10/10					Carthew; carc, 16, 1299-1304; 1995/pers.comm.	
5823	2250u	.658mg	3.59mg	0/10	21.0mg	10/10						
5824	BT5T	49.7mg	n.s.s.	0/100	2.83mg	3/100					Maltoni; anya, 837, 469-512; 1997	
	a	BT5T	60.9mg	n.s.s.	0/100	2.83mg	2/100					
	b	BT5T	58.6mg	n.s.s.	2/100	2.83mg	3/100					
	c	BT5T	81.0mg	n.s.s.	0/100	2.83mg	1/100					
	d	BT5T	81.0mg	n.s.s.	0/100	2.83mg	1/100					
	e	BT5T	81.0mg	n.s.s.	0/100	2.83mg	1/100					
	f	BT5T	150.mg	n.s.s.	13/100	2.83mg	0/100					
	g	BT5T	91.9mg	n.s.s.	1/100	2.83mg	1/100					
	h	BT5T	91.9mg	n.s.s.	1/100	2.83mg	1/100					
	i	BT5T	150.mg	n.s.s.	1/100	2.83mg	0/100					
	j	BT5T	122.mg	n.s.s.	16/100	2.83mg	2/100					
	k	BT5T	150.mg	n.s.s.	9/100	2.83mg	0/100					
	l	BT5T	150.mg	n.s.s.	1/100	2.83mg	0/100					
	m	BT5T	150.mg	n.s.s.	36/100	2.83mg	0/100					
	n	BT5T	150.mg	n.s.s.	8/100	2.83mg	0/100					
	o	BT5T	46.5mg	n.s.s.	17/100	2.83mg	12/100					
	p	BT5T	16.7mg	n.s.s.	27/100	2.83mg	31/100					
	q	BT5T	59.8mg	n.s.s.	57/100	2.83mg	26/100					
5825	2043m	3.43mg	n.s.s.	0/5	11.3mg	0/5	45.0mg	3/5			Hirsimaki; artx, 67, 49-54; 1993/pers.comm.	
5826	2043n	7.04mg	95.0mg	0/10	9.04mg	0/10	36.0mg	5/10				
5827	2159m	2.40mg	52.5mg	0/5	11.3mg	0/5	45.0mg	4/5			Ahotupa; carc, 15, 863-868; 1994	
5828	2159n	1.88mg	27.3mg	0/5	9.04mg	0/5	36.0mg	5/5				
5829	2633m	n.s.s.	10.7mg	0/5	45.0mg	5/5					Karki; artx, 74, 249-256; 2000/pers.comm.	
	a	2633m	1.33mg	42.7mg	0/5	45.0mg	4/5					
5830	2633n	n.s.s.	13.3mg	0/5	36.0mg	5/5						
5831	BT5T	34.8mg	n.s.s.	1/100	2.83mg	6/100					Maltoni; anya, 837, 469-512; 1997	
	a	BT5T	60.9mg	n.s.s.	0/100	2.83mg	2/100					
	b	BT5T	60.9mg	n.s.s.	0/100	2.83mg	2/100					
	c	BT5T	81.0mg	n.s.s.	0/100	2.83mg	1/100					
	d	BT5T	35.4mg	n.s.s.	19/100	2.83mg	16/100					
	e	BT5T	123.mg	n.s.s.	7/100	2.83mg	1/100					
	f	BT5T	76.0mg	n.s.s.	11/100	2.83mg	5/100					
	g	BT5T	150.mg	n.s.s.	4/100	2.83mg	0/100					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
h	BT5T	20.4mg	n.s.s.	24/100	2.83mg	26/100				
i	BT5T	25.3mg	n.s.s.	33/100	2.83mg	29/100				
5832	2247	1.18mg	n.s.s.	0/8	2.86mg	0/8			Machishi;carc,16,2965-2971;1995	
5833	2250s	.637mg	4.18mg	0/10	21.0mg	10/10			Carthew;carc,16,1299-1304;1995/pers.comm.	
TANNIC ACIDS, PHARMACEUTICAL GRADE (85.69% TANNIC ACIDS, 8.84% GALLIC ACIDS) 1401-55-4										
5834	2142	2.61gm	n.s.s.	0/50	130.mg	1/50	261.mg	0/50		Onodera;fctx,32,1101-1106;1994
a	2142	141.mg	n.s.s.	40/50	130.mg	41/50	261.mg	43/50		
5835	2142	2.47gm	n.s.s.	1/45	114.mg	0/47	228.mg	1/48		
a	2142	n.s.s.	n.s.s.	45/45	114.mg	47/47	228.mg	48/48		
TARA GUM 39300-88-4										
5836	TR224	10.4gm	n.s.s.	34/50	3.19gm	26/50	6.38gm	26/50		
a	TR224	9.39gm	n.s.s.	10/50	3.19gm	6/50	(6.38gm	3/50)		liv:hpa,hpc,nnd.
b	TR224	38.2gm	n.s.s.	8/50	3.19gm	2/50	6.38gm	3/50		lun:a/a,a/c.
5837	TR224	5.09gm	n.s.s.	31/50	2.94gm	28/50	5.89gm	36/50		
a	TR224	10.5gm	n.s.s.	17/50	2.94gm	12/50	5.89gm	18/50		liv:hpa,hpc,nnd.
b	TR224	10.5gm	n.s.s.	10/50	2.94gm	11/50	5.89gm	12/50		lun:a/a,a/c.
5838	TR224	1.19gm	n.s.s.	41/50	1.21gm	48/50	2.43gm	47/50		
a	TR224	21.2gm	n.s.s.	2/50	1.21gm	0/50	2.43gm	1/50		liv:hpa,hpc,nnd.
5839	TR224	1.47gm	n.s.s.	36/50	972.mg	39/50	1.96gm	38/50		
a	TR224	6.14gm	n.s.s.	1/50	972.mg	2/50	1.96gm	3/50		liv:hpa,hpc,nnd.
TAURINE 107-35-7										
5840	2382	2.03gm	n.s.s.	2/9	250.mg	1/7	2.50gm	0/7		Takahashi;phrm,6,529-534;1972
5841	2382	1.00gm	n.s.s.	2/9	200.mg	1/7	2.00gm	1/7		
TEGAFUR (Ftorafur, N1-2-FURAMIDYL-5-FLUOROURACIL) 37076-68-9										
5842	2545	38.8mg	n.s.s.	0/29	7.03mg	0/41				Griciute;ponr,2,69-70;1996/pers.comm.
a	2545	15.9mg	n.s.s.	6/29	7.03mg	5/41				
5843	2545	32.9mg	n.s.s.	0/32	6.86mg	0/34				
a	2545	32.9mg	n.s.s.	3/32	6.86mg	0/34				
5844	2545	51.7mg	n.s.s.	0/25	7.62mg	0/26				
a	2545	37.0mg	n.s.s.	3/25	7.62mg	1/26				
5845	2545	62.2mg	n.s.s.	0/28	7.09mg	0/29				
a	2545	22.0mg	n.s.s.	8/28	7.09mg	6/29				
TELODRIN (isobenzan) 297-78-9										
5846	1249	.106mg	n.s.s.	1/17	89.1ug	1/18				Innes;ntis,1968/1969
a	1249	.177mg	n.s.s.	0/17	89.1ug	0/18				
b	1249	84.1ug	n.s.s.	2/17	89.1ug	2/18				
5847	1249	39.4ug	n.s.s.	2/18	82.9ug	5/18				
a	1249	98.0ug	n.s.s.	1/18	82.9ug	1/18				
b	1249	35.4ug	n.s.s.	3/18	82.9ug	6/18				
5848	1249	92.9ug	n.s.s.	0/16	89.1ug	1/18				
a	1249	.177mg	n.s.s.	0/16	89.1ug	0/18				
b	1249	68.0ug	n.s.s.	0/16	89.1ug	2/18				
5849	1249	81.5ug	n.s.s.	0/16	82.9ug	1/17				
a	1249	81.5ug	n.s.s.	0/16	82.9ug	1/17				
b	1249	59.5ug	n.s.s.	0/16	82.9ug	2/17				
TELONE II, TECHNICAL GRADE (WITH 1% EPICHLOROHYDRIN) (1,3-dichloropropene) 542-75-6										
5850	TR269	24.5mg	57.1mg	0/50	20.8mg	12/50	41.7mg	26/50		lun:a/a; sto:sgc,sqp; ubl:tcc. C
a	TR269	31.8mg	83.7mg	0/50	20.8mg	8/50	41.7mg	21/50		
b	TR269	74.7mg	446.mg	0/50	20.8mg	3/50	41.7mg	8/50		
c	TR269	37.3mg	n.s.s.	1/50	20.8mg	8/50	(41.7mg	3/50)		liv:hpa,hpc. S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
d	TR269	77.8mg	n.s.s.	2/50	20.8mg	4/50	41.7mg	8/50		lun:a/a,a/c. S	
e	TR269	97.3mg	n.s.s.	0/50	20.8mg	5/50	41.7mg	3/50		S	
f	TR269	130.mg	n.s.s.	0/50	20.8mg	1/50	41.7mg	4/50		sto:sqc,sqp.	
g	TR269	19.3mg	140.mg	16/50	20.8mg	33/50	41.7mg	34/50			
h	TR269	37.3mg	n.s.s.	1/50	20.8mg	8/50	(41.7mg)	3/50)		liv:hpa,hpc,nnd.	
i	TR269	77.8mg	n.s.s.	2/50	20.8mg	4/50	41.7mg	8/50		lun:a/a,a/c.	
5851	TR269	26.7mg	n.s.s.	8/50	21.2mg	28/50	42.2mg	30/50			
a	TR269	63.6mg	n.s.s.	5/50	21.2mg	7/50	42.2mg	13/50		liv:hpa,hpc,nnd.	
b	TR269	37.2mg	n.s.s.	1/50	21.2mg	13/50	42.2mg	12/50		lun:a/a,a/c.	
5852	TR269	55.8mg	n.s.s.	0/52	10.4mg	2/52	21.0mg	4/52		thy:fca,fcc. S	
a	TR269	66.3mg	n.s.s.	0/52	10.4mg	2/52	21.0mg	3/52			
b	TR269	17.6mg	n.s.s.	45/52	10.4mg	44/52	21.0mg	44/52			
c	TR269	39.0mg	n.s.s.	6/52	10.4mg	6/52	21.0mg	10/52		liv:hpa,hpc,nnd.	
5853	TR269	19.3mg	85.7mg	2/52	10.5mg	7/52	21.0mg	19/52		for:sqp; liv:nnd; sto:sqc,sqp. C	
a	TR269	32.9mg	217.mg	1/52	10.5mg	1/52	21.0mg	13/52		for:sqp; sto:sqc,sqp.	
b	TR269	32.9mg	4.91gm	1/52	10.5mg	6/52	21.0mg	8/52		liv:hpc,nnd. S	
c	TR269	43.9mg	1.16gm	1/52	10.5mg	1/52	21.0mg	9/52		for:sqp; sto:sqp.	
d	TR269	35.1mg	n.s.s.	1/52	10.5mg	6/52	21.0mg	7/52			
e	TR269	73.6mg	n.s.s.	0/52	10.5mg	0/52	21.0mg	4/52			
f	TR269	17.1mg	n.s.s.	44/52	10.5mg	39/52	21.0mg	41/52			
g	TR269	32.9mg	4.91gm	1/52	10.5mg	6/52	21.0mg	8/52		liv:hpa,hpc,nnd.	
TELONE II, TECHNICAL GRADE (WITHOUT EPICHLOROHYDRIN) (1,3-dichloropropene) 542-75-6											
5854	2458m	2.76mg	n.s.s.	0/10	7.13mg	0/10	28.5mg	0/10	85.6mg	0/10	Lomax;faat,12,418-431;1989/pers.comm.
5855	2458n	8.35mg	n.s.s.	6/50	7.13mg	16/50	(28.5mg)	11/50	85.6mg	7/50)	
a	2458n	206.mg	n.s.s.	10/50	7.13mg	7/50	28.5mg	9/50	85.6mg	10/50	
b	2458n	384.mg	n.s.s.	4/50	7.13mg	3/50	28.5mg	5/50	85.6mg	3/50	
c	2458n	294.mg	n.s.s.	3/50	7.13mg	11/50	28.5mg	5/50	85.6mg	6/50	
d	2458n	96.6mg	n.s.s.	39/50	7.13mg	40/50	28.5mg	36/50	85.6mg	36/50	
5856	2628m	1.12mg	n.s.s.	0/10	2.50mg	0/10	25.0mg	0/10	50.0mg	0/10	Stebbins;rtp,32,1-13;2000
5857	2628n	217.mg	n.s.s.	3/50	2.50mg	8/50	25.0mg	4/50	50.0mg	5/50	
a	2628n	474.mg	n.s.s.	0/50	2.50mg	1/50	25.0mg	1/50	50.0mg	0/50	
b	2628n	566.mg	n.s.s.	2/50	2.50mg	5/50	25.0mg	0/50	50.0mg	1/50	
c	2628n	696.mg	n.s.s.	0/50	2.50mg	1/50	25.0mg	0/50	50.0mg	0/50	
5858	2458m	2.30mg	n.s.s.	0/10	5.95mg	0/10	23.8mg	0/10	71.3mg	0/10	Lomax;faat,12,418-431;1989/pers.comm.
5859	2458n	62.9mg	426.mg	9/50	5.95mg	6/50	23.8mg	13/50	71.3mg	22/50	
a	2458n	37.4mg	19.8gm	1/50	5.95mg	6/50	23.8mg	9/50	(71.3mg)	4/50)	
b	2458n	281.mg	n.s.s.	25/50	5.95mg	22/50	23.8mg	16/50	71.3mg	14/50	
c	2458n	48.3mg	n.s.s.	32/50	5.95mg	34/50	23.8mg	35/50	71.3mg	36/50	
5860	2628m	1.12mg	n.s.s.	0/10	2.50mg	0/10	25.0mg	0/10	50.0mg	0/10	Stebbins;rtp,32,1-13;2000
5861	2628n	30.6mg	n.s.s.	7/50	2.50mg	10/50	25.0mg	16/50	(50.0mg)	6/50)	
a	2628n	101.mg	n.s.s.	5/50	2.50mg	10/50	25.0mg	9/50	50.0mg	11/50	
b	2628n	451.mg	n.s.s.	6/50	2.50mg	6/50	25.0mg	2/50	50.0mg	2/50	
c	2628n	643.mg	n.s.s.	3/50	2.50mg	4/50	25.0mg	1/50	50.0mg	0/50	
5862	2458m	.656mg	n.s.s.	0/10	1.70mg	0/10	6.79mg	0/10	20.4mg	0/10	Lomax;faat,12,418-431;1989/pers.comm.
5863	2458n	142.mg	n.s.s.	1/50	1.70mg	0/50	6.79mg	1/50	20.4mg	1/50	
a	2458n	19.6mg	n.s.s.	45/50	1.70mg	46/50	6.79mg	43/50	20.4mg	41/50	
5864	2628m	.991mg	n.s.s.	0/10	2.50mg	0/10	12.5mg	0/10	25.0mg	0/10	Stebbins;rtp,32,1-13;2000
5865	2628n	115.mg	5.12gm	0/50	2.50mg	0/50	12.5mg	0/50	25.0mg	4/50	
a	2628n	27.6mg	n.s.s.	12/50	2.50mg	13/50	12.5mg	10/50	25.0mg	24/50	
5866	2458m	.459mg	n.s.s.	0/10	1.19mg	0/10	4.76mg	0/10	14.3mg	0/10	Lomax;faat,12,418-431;1989/pers.comm.
5867	2458n	138.mg	n.s.s.	3/50	1.19mg	3/50	4.76mg	3/50	14.3mg	0/50	
a	2458n	3.47mg	n.s.s.	49/50	1.19mg	48/50	4.76mg	50/50	14.3mg	48/50	
5868	2628m	.991mg	n.s.s.	0/10	2.50mg	0/10	12.5mg	0/10	25.0mg	0/10	Stebbins;rtp,32,1-13;2000
5869	2628n	48.8mg	633.mg	2/50	2.50mg	1/50	12.5mg	6/50	25.0mg	9/50	
a	2628n	222.mg	n.s.s.	0/50	2.50mg	0/50	12.5mg	0/50	25.0mg	1/50	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
TEMAZEPAM, PHARMACEUTICAL GRADE 846-50-4											
5870	1994	658.mg	n.s.s.	0/100	10.0mg	1/100	80.0mg	1/100	160.mg	4/100	Robison;faat,4,394-405;1984
a	1994	1.56gm	n.s.s.	0/100	10.0mg	0/100	80.0mg	0/100	160.mg	1/100	
b	1994	670.mg	n.s.s.	11/100	10.0mg	12/100	80.0mg	10/100	160.mg	9/100	
c	1994	546.mg	n.s.s.	30/100	10.0mg	31/100	80.0mg	16/100	160.mg	25/100	
5871	1994	561.mg	n.s.s.	8/100	10.0mg	4/99	80.0mg	2/100	160.mg	10/100	
a	1994	1.76gm	n.s.s.	24/100	10.0mg	11/99	80.0mg	3/100	160.mg	5/100	
b	1994	970.mg	n.s.s.	39/100	10.0mg	21/99	80.0mg	13/100	160.mg	17/100	
TERBUTALINE 23031-25-6											
5872	1734	186.mg	1.33gm	0/105	8.42mg	1/55	84.2mg	7/55		Jack;txcy,27,315-320;1983	
3,3',4,4'-TETRAAMINOBIIPHENYL.4HCl (3,3'-diaminobenzidine.4HCl) 7411-49-6											
5873	381	377.mg	n.s.s.	4/17	468.mg	6/19	851.mg	4/17		Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	526.mg	n.s.s.	0/17	468.mg	1/19	851.mg	3/17			
b	381	231.mg	n.s.s.	11/17	468.mg	9/19	851.mg	11/17			
5874	381	117.mg	1.52gm	1/19	432.mg	6/18	(785.mg	7/22)			
a	381	321.mg	n.s.s.	1/19	432.mg	1/18	785.mg	1/22			
b	381	95.1mg	1.50gm	4/19	432.mg	9/18	(785.mg	13/22)			
5875	381	89.7mg	n.s.s.	0/16	120.mg	1/16	240.mg	3/15			
a	381	63.4mg	n.s.s.	11/16	120.mg	8/16	240.mg	12/15			
5876	381	115.mg	n.s.s.	2/111p	120.mg	1/16	240.mg	3/15			
2,3,5,6-TETRACHLORO-4-NITROANISOLE 2438-88-2											
5877	TR114	11.8mg	n.s.s.	34/55	7.70mg	37/55	15.5mg	38/55			
a	TR114	83.1mg	n.s.s.	11/55	7.70mg	3/55	15.5mg	5/55		liv:hpa,hpc,nnd.	
b	TR114	43.3mg	n.s.s.	4/55	7.70mg	8/55	15.5mg	4/55		lun:a/a,a/c.	
5878	TR114	16.9mg	n.s.s.	43/55	7.20mg	38/55	14.3mg	36/55			
a	TR114	17.9mg	n.s.s.	28/55	7.20mg	16/55	(14.3mg	10/55)		liv:hpa,hpc,nnd.	
b	TR114	22.9mg	n.s.s.	12/55	7.20mg	17/55	14.3mg	13/55		lun:a/a,a/c.	
5879	TR114	8.30mg	n.s.s.	2/50	3.00mg	9/50	5.90mg	8/50			S
a	TR114	17.4mg	n.s.s.	0/50	3.00mg	1/50	5.90mg	4/50		liv:hpc,nnd.	S
b	TR114	5.10mg	n.s.s.	27/50	3.00mg	34/50	5.90mg	28/50			
c	TR114	17.4mg	n.s.s.	0/50	3.00mg	1/50	5.90mg	4/50		liv:hpa,hpc,nnd.	
5880	TR114	9.41mg	n.s.s.	0/50	2.40mg	5/50	4.70mg	1/25	4.60mg	3/24	liv:hpc,nnd. S
a	TR114	6.57mg	n.s.s.	28/50	2.40mg	27/50	4.70mg	12/25	4.60mg	14/24	
b	TR114	9.41mg	n.s.s.	0/50	2.40mg	5/50	4.70mg	1/25	4.60mg	3/24	liv:hpa,hpc,nnd.
2,2',5,5'-TETRACHLOROBENZIDINE 15721-02-5											
5881	558	57.0mg	240.mg	0/20	130.mg	14/25				Yoshimoto;jkmj,25,123-128;1978	
a	558	47.0mg	184.mg	0/20	130.mg	16/25					
5882	558	222.mg	n.s.s.	0/10	150.mg	3/23					
a	558	376.mg	n.s.s.	0/10	150.mg	1/23					
5883	558	169.mg	n.s.s.	0/11	120.mg	3/22					
a	558	544.mg	n.s.s.	0/11	120.mg	0/22					
2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN (TCDD, dioxin) 1746-01-6											
5884	TR209	236.ng	2.99ug	3/75	5.55ng	9/50	27.8ng	7/50	278.ng	15/50	liv:hpa,hpc; thy:fca. C
a	TR209	294.ng	19.3ug	9/75	5.55ng	4/50	27.8ng	8/50	278.ng	14/50	S
b	TR209	303.ng	20.5ug	3/75	5.55ng	6/50	27.8ng	6/50	278.ng	11/50	liv:hpa,hpc.
c	TR209	262.ng	n.s.s.	18/75	5.55ng	11/50	27.8ng	13/50	278.ng	20/50	S
d	TR209	266.ng	n.s.s.	18/75	5.55ng	12/50	27.8ng	13/50	278.ng	20/50	---:leu,lym. S
e	TR209	466.ng	n.s.s.	1/75	5.55ng	2/50	27.8ng	2/50	278.ng	6/50	
f	TR209	523.ng	n.s.s.	0/75	5.55ng	3/50	27.8ng	1/50	278.ng	5/50	
g	TR209	594.ng	n.s.s.	1/75	5.55ng	1/50	27.8ng	1/50	278.ng	5/50	S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
b	TR237	275.mg	2.68gm	1/50	177.mg	5/50	357.mg	6/50		
c	TR237	66.5mg	225.mg	25/50	177.mg	31/50	357.mg	30/50		
d	TR237	108.mg	316.mg	5/50	177.mg	13/50	357.mg	30/50	liv:hpa,hpc,ndd.	
e	TR237	447.mg	n.s.s.	0/50	177.mg	2/50	357.mg	0/50	lun:a/a,a/c.	
5897	TR237	75.3mg	255.mg	18/50	177.mg	27/50	357.mg	27/50	liv:hpa,hpc.	S
a	TR237	112.mg	391.mg	6/50	177.mg	14/50	357.mg	21/50		
b	TR237	58.4mg	215.mg	28/50	177.mg	36/50	357.mg	27/50		
c	TR237	75.3mg	255.mg	18/50	177.mg	27/50	357.mg	27/50	liv:hpa,hpc,ndd.	
d	TR237	334.mg	n.s.s.	6/50	177.mg	5/50	357.mg	3/50	lun:a/a,a/c.	
5898	TR237	68.8mg	n.s.s.	6/50	88.4mg	15/50	(177.mg	7/50)		S
a	TR237	194.mg	n.s.s.	33/50	88.4mg	31/50	177.mg	21/50		
b	TR237	601.mg	n.s.s.	1/50	88.4mg	0/50	177.mg	2/50	liv:hpa,hpc,ndd.	
5899	TR237	337.mg	n.s.s.	0/50	88.4mg	3/50	177.mg	3/50	mul:mms; per:men; tnv:men.	S
a	TR237	385.mg	n.s.s.	0/50	88.4mg	1/50	177.mg	3/50	liv:hpa,hpc,ndd.	S
b	TR237	115.mg	n.s.s.	25/50	88.4mg	19/50	177.mg	26/50		
c	TR237	385.mg	n.s.s.	0/50	88.4mg	1/50	177.mg	3/50	liv:hpa,hpc,ndd.	
1,1,2,2-TETRACHLOROETHANE 79-34-5										
5900	TR27	25.9mg	50.2mg	0/20	87.7mg	30/50	175.mg	43/50		
a	TR27	26.1mg	61.6mg	2/20	87.7mg	33/50	175.mg	43/50		
b	TR27	25.9mg	50.2mg	0/20	87.7mg	30/50	175.mg	43/50	liv:hpa,hpc,ndd.	
c	TR27	449.mg	n.s.s.	0/20	87.7mg	1/50	175.mg	1/50	lun:a/a,a/c.	
5901	TR27	26.2mg	50.3mg	0/40p	87.7mg	30/50	175.mg	43/50		
5902	TR27	27.4mg	66.8mg	1/20	87.7mg	13/50	175.mg	44/50		
a	TR27	25.2mg	66.6mg	4/20	87.7mg	17/50	175.mg	45/50		
b	TR27	27.4mg	66.8mg	1/20	87.7mg	13/50	175.mg	44/50	liv:hpa,hpc,ndd.	
c	TR27	162.mg	n.s.s.	1/20	87.7mg	2/50	175.mg	2/50	lun:a/a,a/c.	
5903	TR27	29.7mg	75.1mg	3/40p	87.7mg	13/50	175.mg	44/50		
5904	TR27	20.7mg	n.s.s.	12/20	21.9mg	28/50	39.0mg	23/50		
a	TR27	n.s.s.	n.s.s.	0/20	21.9mg	0/50	39.0mg	0/50	liv:hpa,hpc,ndd.	
5905	TR27	60.2mg	n.s.s.	11/20	31.6mg	17/50	55.2mg	20/50		
a	TR27	185.mg	n.s.s.	0/20	31.6mg	0/50	55.2mg	3/50	liv:hpa,hpc,ndd.	
TETRACHLOROETHYLENE (perchloroethylene) 127-18-4										
5906	TR13	47.1mg	130.mg	0/20	240.mg	19/50	478.mg	19/50		
a	TR13	54.1mg	259.mg	5/20	240.mg	19/50	478.mg	19/50		
b	TR13	47.1mg	130.mg	0/20	240.mg	19/50	478.mg	19/50	liv:hpa,hpc,ndd.	
c	TR13	480.mg	n.s.s.	0/20	240.mg	0/50	478.mg	1/50	lun:a/a,a/c.	
5907	TR311	127.mg	314.mg	4/50	211.mg	17/50	422.mg	38/50	liv:hpa,hpc.	S
a	TR311	137.mg	313.mg	1/50	211.mg	13/50	422.mg	36/50		
b	TR311	119.mg	712.mg	27/50	211.mg	35/50	422.mg	43/50		
c	TR311	127.mg	314.mg	4/50	211.mg	17/50	422.mg	38/50	liv:hpa,hpc,ndd.	
d	TR311	1.20gm	n.s.s.	6/50	211.mg	3/50	422.mg	3/50	lun:a/a,a/c.	
5908	TR13	79.5mg	260.mg	2/20	332.mg	32/50	663.mg	27/50		
a	TR13	90.1mg	622.mg	6/20	332.mg	33/50	663.mg	27/50		
b	TR13	79.5mg	260.mg	2/20	332.mg	32/50	663.mg	27/50	liv:hpa,hpc,ndd.	
c	TR13	n.s.s.	n.s.s.	0/20	332.mg	3/50	663.mg	0/50	lun:a/a,a/c.	
5909	TR311	90.4mg	407.mg	7/50	176.mg	25/50	(352.mg	26/50)		S
a	TR311	115.mg	459.mg	17/50	176.mg	31/50	352.mg	41/50	liv:hpa,hpc.	
b	TR311	283.mg	n.s.s.	12/50	176.mg	8/50	352.mg	19/50		S
c	TR311	234.mg	n.s.s.	3/50	176.mg	7/50	(352.mg	3/50)	mln:mno; mul:mno; spl:mno; sub:mno.	S
d	TR311	119.mg	1.30gm	29/50	176.mg	38/50	352.mg	43/50		
e	TR311	115.mg	459.mg	17/50	176.mg	31/50	352.mg	41/50	liv:hpa,hpc,ndd.	
f	TR311	706.mg	n.s.s.	6/50	176.mg	6/50	352.mg	5/50	lun:a/a,a/c.	
5910	2378	259.mg	668.mg	3/50	21.2mg	3/50	106.mg	7/50	531.mg 33/50	Nagano;apor,741-746;1998/pers.comm.
a	2378	346.mg	1.06gm	3/50	21.2mg	3/50	106.mg	7/50	531.mg 26/50	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
5925	TR33	743.mg	n.s.s.	0/10	153.mg	1/50	306.mg	8/50		S
a	TR33	454.mg	n.s.s.	7/10	153.mg	23/50	306.mg	25/50		
b	TR33	2.01gm	n.s.s.	0/10	153.mg	2/50	306.mg	0/50	liv:hpa,hpc,nnd.	
5926	TR33	775.mg	n.s.s.	1/55p	153.mg	2/50	306.mg	7/50		
a	TR33	667.mg	n.s.s.	2/55p	153.mg	7/50	306.mg	6/50		
5927	TR33	226.mg	n.s.s.	6/10	122.mg	24/50	245.mg	18/50		
a	TR33	1.10gm	n.s.s.	0/10	122.mg	2/50	245.mg	0/50	liv:hpa,hpc,nnd.	
TETRACYCLINE.HCl 64-75-5										
5928	TR344	5.96gm	n.s.s.	35/50	1.61gm	19/50	3.22gm	26/50		
a	TR344	36.7gm	n.s.s.	10/50	1.61gm	0/50	3.22gm	0/50	liv:hpa,hpc,nnd.	
b	TR344	8.64gm	n.s.s.	4/50	1.61gm	1/50	3.22gm	7/50	lun:a/a,a/c.	
5929	TR344	3.44gm	n.s.s.	31/50	1.49gm	23/50	(2.97gm	21/50)		
a	TR344	8.76gm	n.s.s.	12/50	1.49gm	12/50	2.97gm	10/50	liv:hpa,hpc,nnd.	
b	TR344	12.9gm	n.s.s.	6/50	1.49gm	6/50	2.97gm	4/50	lun:a/a,a/c.	
5930	TR344	712.mg	n.s.s.	46/50	619.mg	44/50	(1.24gm	41/50)		
a	TR344	15.0gm	n.s.s.	1/50	619.mg	0/50	1.24gm	0/50	liv:hpa,hpc,nnd.	
5931	TR344	722.mg	n.s.s.	46/50	495.mg	49/50	990.mg	45/50		
a	TR344	2.28gm	n.s.s.	0/50	495.mg	2/50	990.mg	3/50	liv:hpa,hpc,nnd.	
TETRAETHYLTHIURAM DISULFIDE (ethyl tuads) 97-77-8										
5932	TR166	99.5mg	n.s.s.	8/20	13.0mg	18/50	65.0mg	20/50		
a	TR166	36.4mg	n.s.s.	0/20	13.0mg	3/50	(65.0mg	0/50)	liv:hpa,hpc,nnd.	
b	TR166	111.mg	n.s.s.	1/20	13.0mg	4/50	65.0mg	9/50	lun:a/a,a/c.	
5933	1100	33.8mg	n.s.s.	0/16	44.3mg	2/18			Innes;ntis,1968/1969	
a	1100	46.1mg	n.s.s.	0/16	44.3mg	1/18				
b	1100	46.1mg	n.s.s.	0/16	44.3mg	1/18				
c	1100	46.1mg	n.s.s.	0/16	44.3mg	1/18				
d	1100	22.2mg	n.s.s.	0/16	44.3mg	4/18				
5934	TR166	110.mg	n.s.s.	11/20	60.0mg	21/50	(240.mg	18/50)		
a	TR166	232.mg	n.s.s.	5/20	60.0mg	6/50	(240.mg	4/50)	liv:hpa,hpc,nnd.	
b	TR166	127.mg	n.s.s.	4/20	60.0mg	11/50	(240.mg	4/50)	lun:a/a,a/c.	
5935	1100	10.5mg	75.4mg	0/16	41.2mg	8/17			Innes;ntis,1968/1969	
a	1100	16.3mg	585.mg	0/16	41.2mg	5/17				
b	1100	7.99mg	44.6mg	0/16	41.2mg	10/17				
5936	1100	46.0mg	n.s.s.	1/17	44.3mg	1/16				
a	1100	77.9mg	n.s.s.	0/17	44.3mg	0/16				
b	1100	36.1mg	n.s.s.	2/17	44.3mg	2/16				
5937	1100	7.17mg	40.4mg	0/18	41.2mg	10/16				
a	1100	30.1mg	n.s.s.	1/18	41.2mg	2/16				
b	1100	47.2mg	n.s.s.	2/18	41.2mg	1/16				
c	1100	4.45mg	34.4mg	3/18	41.2mg	13/16				
5938	TR166	49.6mg	n.s.s.	19/20	15.0mg	28/50	30.0mg	33/50		
a	TR166	232.mg	n.s.s.	0/20	15.0mg	0/50	30.0mg	1/50	liv:hpa,hpc,nnd.	
5939	TR166	13.2mg	n.s.s.	15/20	12.0mg	33/50	(24.0mg	24/50)		
a	TR166	164.mg	n.s.s.	0/20	12.0mg	1/50	24.0mg	0/50	liv:hpa,hpc,nnd.	
5940	1032	26.1mg	n.s.s.	2/48	25.0mg	8/48			Wong;txap,63,155-165;1982/Plotnick pers.comm.	
a	1032	139.mg	n.s.s.	0/48	25.0mg	0/48				
b	1032	139.mg	n.s.s.	0/48	25.0mg	0/48				
c	1032	30.7mg	n.s.s.	7/48	25.0mg	9/48				
5941	1962	153.mg	n.s.s.	1/50	25.0mg	1/49			Cheever;faat,14,243-261;1990	
a	1962	10.0mg	n.s.s.	47/50	25.0mg	46/50				
5942	1032	59.6mg	n.s.s.	0/48	20.0mg	1/48			Wong;txap,63,155-165;1982/Plotnick pers.comm.	
a	1032	55.5mg	n.s.s.	8/48	20.0mg	4/48				
5943	1962	110.mg	n.s.s.	0/50	20.0mg	1/50			Cheever;faat,14,243-261;1990	
a	1962	206.mg	n.s.s.	1/50	20.0mg	0/50				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	1962	34.6mg	n.s.s.	42/50	20.0mg	32/50					
TETRAFLUORO-m-PHENYLENEDIAMINE.2HCl 63886-77-1											
5944	381	221.mg	n.s.s.	1/15	106.mg	2/20	213.mg	2/15		Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	94.8mg	n.s.s.	5/15	106.mg	5/20	(213.mg	1/15)			
b	381	53.6mg	n.s.s.	10/15	106.mg	14/20	(213.mg	7/15)			
5945	381	42.7mg	n.s.s.	1/14	103.mg	8/18	206.mg	7/16			
a	381	46.1mg	n.s.s.	0/14	103.mg	7/18	206.mg	7/16			
b	381	160.mg	n.s.s.	3/14	103.mg	2/18	206.mg	4/16			
c	381	51.1mg	n.s.s.	7/14	103.mg	13/18	206.mg	10/16			
5946	381	53.0mg	324.mg	7/99p	103.mg	7/18	206.mg	7/16			
5947	381	n.s.s.	n.s.s.	0/16	19.1mg	0/16	38.2mg	0/15			
a	381	6.81mg	101.mg	10/16	19.1mg	8/16	38.2mg	12/15			
TETRAFLUOROBORATE, SODIUM 13755-29-8											
5948	1329	4.24mg	n.s.s.	1/15	3.03mg	0/15				Gold;clet,15,289-300;1982	
a	1329	4.24mg	n.s.s.	0/15	3.03mg	0/15					
5949	1329	7.01mg	n.s.s.	1/15	3.03mg	0/15					
a	1329	7.01mg	n.s.s.	0/15	3.03mg	0/15					
1,1,1,2-TETRAFLUOROETHANE (fluorocarbon 134a, HCFC 134a) 811-97-2											
5950	2417	119.gm	n.s.s.	8/120	765.mg	1/60	4.59gm	6/60	23.0gm	3/60	Alexander;huet,14,706-714;1995
a	2417	136.gm	n.s.s.	3/120	765.mg	4/60	4.59gm	4/60	23.0gm	2/60	
b	2417	188.gm	n.s.s.	4/120	765.mg	0/60	4.59gm	2/60	23.0gm	1/60	
5951	2417	48.9gm	n.s.s.	16/120	638.mg	6/60	3.83gm	12/60	19.1gm	10/60	
a	2417	61.3gm	n.s.s.	18/120	638.mg	11/60	3.83gm	9/60	19.1gm	10/60	
b	2417	65.0gm	n.s.s.	23/120	638.mg	11/60	3.83gm	7/60	19.1gm	11/60	
5952	2355m	217.mg	n.s.s.	0/10	549.mg	0/10	2.19gm	0/10	11.0gm	0/10	Collins;faat,25,271-280;1995
5953	2355n	15.1gm	127.gm	9/75	549.mg	7/69	2.19gm	12/75	11.0gm	23/75	
5954	2417	35.6gm	n.s.s.	2/120	182.mg	1/60	729.mg	0/60	3.64gm	1/60	Alexander;huet,14,706-714;1995
5955	2417	22.9gm	n.s.s.	0/120	128.mg	0/60	510.mg	0/60	2.55gm	1/60	
a	2417	17.2gm	n.s.s.	0/120	128.mg	0/60	510.mg	1/60	2.55gm	1/60	
b	2417	37.1gm	n.s.s.	1/120	128.mg	2/60	510.mg	0/60	2.55gm	0/60	
TETRAFLUOROETHYLENE 116-14-3											
5956	TR450	29.2mg	109.mg	18/48	400.mg	45/48	(801.mg	45/48	1.60gm	44/48)	---:hcs; liv:hem,hes,hpa,hpc. C
a	TR450	30.4mg	122.mg	0/48	400.mg	31/48	(801.mg	28/48	1.60gm	35/48)	---:hem,hes. S
b	TR450	30.4mg	122.mg	0/48	400.mg	31/48	(801.mg	28/48	1.60gm	35/48)	liv:hem,hes. S
c	TR450	32.2mg	144.mg	17/48	400.mg	33/48	(801.mg	29/48	1.60gm	28/48)	liv:hpa,hpc. S
d	TR450	31.6mg	141.mg	0/48	400.mg	27/48	(801.mg	27/48	1.60gm	34/48)	
e	TR450	31.6mg	141.mg	0/48	400.mg	27/48	(801.mg	27/48	1.60gm	34/48)	
f	TR450	40.6mg	176.mg	4/48	400.mg	28/48	(801.mg	22/48	1.60gm	20/48)	
g	TR450	85.8mg	376.mg	1/48	400.mg	21/48	(801.mg	19/48	1.60gm	18/48)	
h	TR450	111.mg	577.mg	15/48	400.mg	17/48	801.mg	20/48	(1.60gm	15/48)	S
i	TR450	164.mg	2.64gm	0/48	400.mg	5/48	(801.mg	2/48	1.60gm	1/48)	
j	TR450	347.mg	2.69gm	0/48	400.mg	5/48	801.mg	4/48	(1.60gm	1/48)	S
k	TR450	547.mg	26.4gm	4/48	400.mg	5/48	801.mg	2/48	1.60gm	6/48	S
l	TR450	542.mg	10.8gm	2/48	400.mg	3/48	801.mg	0/48	1.60gm	6/48	S
m	TR450	554.mg	n.s.s.	6/48	400.mg	1/48	801.mg	8/48	1.60gm	4/48	lun:a/a,a/c,car. S
n	TR450	26.3mg	104.mg	34/48	400.mg	47/48	(801.mg	45/48	1.60gm	46/48)	
o	TR450	32.2mg	144.mg	17/48	400.mg	33/48	(801.mg	29/48	1.60gm	28/48)	liv:hpa,hpb,hpc. S
p	TR450	324.mg	n.s.s.	6/48	400.mg	0/48	801.mg	8/48	(1.60gm	4/48)	lun:a/a,a/c. S
5957	TR450	45.3mg	123.mg	26/48	334.mg	42/48	669.mg	48/48	(1.34gm	46/48)	---:hcs; liv:hem,hes,hpa,hpc. C
a	TR450	56.3mg	136.mg	0/48	334.mg	26/48	669.mg	30/48	1.34gm	38/48)	liv:hem,hes. S
b	TR450	56.7mg	142.mg	2/48	334.mg	27/48	669.mg	30/48	1.34gm	38/48)	---:hem,hes. S
c	TR450	54.7mg	171.mg	26/48	334.mg	34/48	669.mg	39/48	(1.34gm	35/48)	liv:hpa,hpc. S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
d	TR450	69.6mg	170.0mg	0/48	334.0mg	21/48	669.0mg	27/48	1.34gm	37/48	
e	TR450	69.6mg	176.0mg	2/48	334.0mg	21/48	669.0mg	27/48	1.34gm	37/48	S
f	TR450	113.0mg	361.0mg	11/48	334.0mg	20/48	669.0mg	33/48	(1.34gm	26/48)	
g	TR450	110.0mg	577.0mg	12/48	334.0mg	13/48	669.0mg	16/48	(1.34gm	7/48)	liv:hpa,hpb,hpc.
h	TR450	118.0mg	520.0mg	17/48	334.0mg	17/48	669.0mg	12/48	1.34gm	20/48	S
i	TR450	143.0mg	669.0mg	0/48	334.0mg	11/48	669.0mg	6/48	(1.34gm	3/48)	S
j	TR450	146.0mg	722.0mg	0/48	334.0mg	10/48	669.0mg	5/48	(1.34gm	2/48)	
k	TR450	159.0mg	1.33gm	10/48	334.0mg	8/48	669.0mg	13/48	(1.34gm	5/48)	S
l	TR450	223.0mg	868.0mg	0/48	334.0mg	12/48	669.0mg	7/48	(1.34gm	7/48)	
m	TR450	307.0mg	10.7gm	2/48	334.0mg	5/48	669.0mg	3/48	1.34gm	2/48	liv:hpa,hpb,hpc.
n	TR450	325.0mg	73.6gm	0/48	334.0mg	4/48	669.0mg	0/48	1.34gm	0/48	thy:fca,fcc.
o	TR450	380.0mg	n.s.s.	6/48	334.0mg	8/48	669.0mg	4/48	1.34gm	5/48	hag:ade,car.
p	TR450	398.0mg	n.s.s.	5/48	334.0mg	7/48	669.0mg	4/48	1.34gm	4/48	S
q	TR450	406.0mg	n.s.s.	0/48	334.0mg	3/48	669.0mg	0/48	1.34gm	0/48	S
r	TR450	44.0mg	124.0mg	37/48	334.0mg	44/48	669.0mg	48/48	(1.34gm	46/48)	
s	TR450	54.7mg	171.0mg	26/48	334.0mg	34/48	669.0mg	39/48	(1.34gm	35/48)	liv:hpa,hpb,hpc.
t	TR450	111.0mg	597.0mg	12/48	334.0mg	12/48	669.0mg	16/48	(1.34gm	6/48)	liv:hpa,hpb,hpc.
5958	TR450	29.8mg	185.0mg	16/50	93.7mg	33/50	(188.0mg	31/50	376.0mg	39/50)	---:mnl; liv:hpa,hpb,hpc.
a	TR450	89.9mg	317.0mg	0/50	93.7mg	7/50	188.0mg	12/50	(376.0mg	8/50)	liv:hpa,hpb,hpc.
b	TR450	127.0mg	803.0mg	16/50	93.7mg	31/50	188.0mg	23/50	376.0mg	36/50)	
c	TR450	130.0mg	630.0mg	0/50	93.7mg	4/50	188.0mg	9/50	(376.0mg	2/50)	
d	TR450	289.0mg	2.30gm	0/50	93.7mg	4/50	188.0mg	5/50	376.0mg	6/50)	
e	TR450	326.0mg	7.22gm	0/50	93.7mg	0/50	188.0mg	5/50	(376.0mg	1/50)	
f	TR450	326.0mg	7.22gm	0/50	93.7mg	0/50	188.0mg	5/50	(376.0mg	1/50)	S
g	TR450	444.0mg	22.2gm	0/50	93.7mg	3/50	188.0mg	1/50	376.0mg	5/50)	kid:rua,ruc.
h	TR450	106.0mg	n.s.s.	49/50	93.7mg	50/50	188.0mg	49/50	376.0mg	48/50)	
i	TR450	89.9mg	317.0mg	0/50	93.7mg	7/50	188.0mg	12/50	(376.0mg	8/50)	liv:hpa,hpb,hpc.
5959	TR450	729.0mg	3.47gm	0/50	93.7mg	3/50	188.0mg	3/50	376.0mg	10/50)	kid:rua,ruc.
a	TR450	814.0mg	5.72gm	0/50	93.7mg	3/50	188.0mg	3/50	376.0mg	8/50)	S
b	TR450	2.23gm	n.s.s.	0/50	93.7mg	0/50	188.0mg	0/50	376.0mg	3/50)	S
5960	TR450	16.3mg	65.5mg	39/50	32.9mg	40/50	65.8mg	48/50	132.0mg	47/50)	tes:iab,ica.
a	TR450	27.6mg	3.51gm	34/50	32.9mg	43/50	65.8mg	38/50	132.0mg	31/50)	
b	TR450	40.9mg	362.0mg	4/50	32.9mg	7/50	65.8mg	15/50	132.0mg	8/50)	liv:hpa,hpb,hpc.
c	TR450	74.5mg	1.01gm	1/50	32.9mg	1/50	65.8mg	10/50	132.0mg	3/50)	
d	TR450	103.0mg	876.0mg	0/50	32.9mg	0/50	65.8mg	6/50	132.0mg	3/50)	kid:rab,rua.
e	TR450	114.0mg	25.5gm	1/50	32.9mg	0/50	65.8mg	6/50	132.0mg	3/50)	kid:rab,rua,ruc.
f	TR450	55.9mg	n.s.s.	3/50	32.9mg	6/50	65.8mg	8/50	132.0mg	5/50)	S
g	TR450	18.9mg	141.0mg	48/50	32.9mg	49/50	65.8mg	50/50	132.0mg	46/50)	
h	TR450	40.9mg	362.0mg	4/50	32.9mg	7/50	65.8mg	15/50	132.0mg	8/50)	liv:hpa,hpb,hpc.
5961	TR450	186.0mg	1.22gm	2/50	32.9mg	4/50	65.8mg	9/50	132.0mg	13/50)	kid:rab,rua.
a	TR450	191.0mg	2.40gm	3/50	32.9mg	5/50	65.8mg	9/50	132.0mg	13/50)	kid:rab,rua,ruc.

TETRAHYDRO-2-NITROSO-2H-1,2-OXAZINE 40548-68-3

5962	1417	17.4mg	531.0mg	0/20	31.1mg	5/20					
a	1417	7.81mg	123.0mg	3/20	31.1mg	12/20					
b	1417	10.6mg	142.0mg	1/20	31.1mg	9/20					

Wiessler;zkko,79,114-117;1973

1-trans-delta9-TETRAHYDROCANNABINOL 1972-08-3

5963	TR446	587.0mg	n.s.s.	4/60	89.1mg	9/60	178.0mg	3/60	(356.0mg	1/60)	
a	TR446	190.0mg	n.s.s.	46/60	89.1mg	31/60	(178.0mg	26/60	356.0mg	16/60)	
b	TR446	285.0mg	n.s.s.	22/60	89.1mg	14/60	(178.0mg	11/60	356.0mg	4/60)	liv:hpa,hpb,hpc.
c	TR446	1.69gm	n.s.s.	2/60	89.1mg	1/60	178.0mg	3/60	356.0mg	2/60)	liv:hpa,hpb,hpc.
5964	TR446	448.0mg	n.s.s.	0/62	89.1mg	6/60	178.0mg	3/61	(355.0mg	1/60)	liv:hpa,hpb,hpc.
a	TR446	186.0mg	n.s.s.	45/62	89.1mg	33/60	(178.0mg	27/61	355.0mg	18/60)	liv:hpa,hpb,hpc.
b	TR446	422.0mg	n.s.s.	31/62	89.1mg	13/60	(178.0mg	9/61	355.0mg	3/60)	liv:hpa,hpb,hpc.
c	TR446	1.05gm	n.s.s.	14/62	89.1mg	14/60	178.0mg	7/61	355.0mg	8/60)	liv:hpa,hpb,hpc.

liv:hpa,hpb,hpc.

liv:hpa,hpb,hpc.

liv:hpa,hpb,hpc.

liv:hpa,hpb,hpc.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
5965	TR446	19.8mg	n.s.s.	44/51	8.86mg	42/51	17.7mg	44/51	(35.4mg	35/50)		
a	TR446	73.0mg	n.s.s.	0/51	8.86mg	0/51	17.7mg	3/51	(35.4mg	0/50)	liv:hpa,hpb,hpc.	
5966	TR446	24.5mg	n.s.s.	42/52	8.93mg	37/51	17.9mg	36/52	(35.7mg	30/52)		
a	TR446	229.mg	n.s.s.	5/52	8.93mg	0/51	17.9mg	1/52	35.7mg	2/52	liv:hpa,hpb,hpc.	
TETRAHYDROFURAN 109-99-9												
5967	TR475	638.mg	9.47gm	17/50	185.mg	24/50	555.mg	26/50	1.67gm	41/50		liv:hpa,hpc.
a	TR475	816.mg	18.7gm	12/50	185.mg	17/50	555.mg	18/50	1.67gm	31/50		S
b	TR475	4.83gm	n.s.s.	0/50	185.mg	0/50	555.mg	1/50	1.67gm	3/50		S
c	TR475	824.mg	n.s.s.	34/50	185.mg	38/50	555.mg	41/50	1.67gm	44/50		
d	TR475	638.mg	9.47gm	17/50	185.mg	24/50	555.mg	26/50	1.67gm	41/50	liv:hpa,hpb,hpc.	
e	TR475	2.99gm	n.s.s.	2/50	185.mg	3/50	555.mg	5/50	1.67gm	5/50	lun:a/a,a/c.	
5968	TR475	524.mg	n.s.s.	47/50	154.mg	39/50	464.mg	44/50	1.39gm	21/50		
a	TR475	697.mg	n.s.s.	35/50	154.mg	31/50	464.mg	30/50	1.39gm	18/50	liv:hpa,hpb,hpc.	
b	TR475	1.37gm	n.s.s.	21/50	154.mg	16/50	464.mg	14/50	1.39gm	7/50	lun:a/a,a/c.	
5969	TR475	198.mg	n.s.s.	46/50	44.1mg	47/50	132.mg	49/50	397.mg	48/50		
a	TR475	n.s.s.	n.s.s.	0/50	44.1mg	0/50	132.mg	0/50	397.mg	0/50	liv:hpa,hpb,hpc.	
5970	TR475	15.6mg	n.s.s.	23/50	30.9mg	31/50	92.7mg	31/50	(278.mg	34/50)	tes:iab,ica.	S
a	TR475	143.mg	n.s.s.	1/50	30.9mg	1/50	92.7mg	4/50	278.mg	5/50	kid:rua,ruc.	
b	TR475	202.mg	n.s.s.	0/50	30.9mg	2/50	92.7mg	3/50	278.mg	4/50		S
c	TR475	72.1mg	n.s.s.	48/50	30.9mg	48/50	92.7mg	48/50	278.mg	50/50		
d	TR475	595.mg	n.s.s.	1/50	30.9mg	1/50	92.7mg	1/50	278.mg	0/50	liv:hpa,hpb,hpc.	
3,4,5,6-TETRAHYDROURIDINE 18771-50-1												
5971	1906	6.07mg	n.s.s.	0/49	11.8mg	0/10						
a	1906	2.06mg	n.s.s.	10/49	11.8mg	3/10					Carr;bjca,57,395-402;1988	
TETRAKIS (HYDROXYMETHYL) PHOSPHONIUM CHLORIDE (THPC) 124-64-1												
5972	TR296	19.2mg	n.s.s.	35/50	10.5mg	32/50	21.2mg	36/50				
a	TR296	47.9mg	n.s.s.	4/50	10.5mg	4/50	21.2mg	7/50			liv:hpa,hpc,ndd.	
b	TR296	101.mg	n.s.s.	3/50	10.5mg	3/50	21.2mg	2/50			lun:a/a,a/c.	
5973	TR296	12.9mg	n.s.s.	33/50	5.31mg	31/50	10.6mg	33/50				
a	TR296	25.8mg	n.s.s.	17/50	5.31mg	15/50	10.6mg	13/50			liv:hpa,hpc,ndd.	
b	TR296	19.1mg	n.s.s.	4/50	5.31mg	6/50	10.6mg	8/50			lun:a/a,a/c.	
5974	TR296	1.84mg	n.s.s.	40/50	2.65mg	45/50	5.31mg	36/50				
a	TR296	n.s.s.	n.s.s.	0/50	2.65mg	1/50	5.31mg	0/50			liv:hpa,hpc,ndd.	
5975	TR296	9.06mg	n.s.s.	0/50	2.65mg	2/50	5.31mg	3/50				S
a	TR296	2.34mg	n.s.s.	42/50	2.65mg	42/50	5.31mg	36/50				
b	TR296	6.80mg	n.s.s.	1/50	2.65mg	4/50	5.31mg	2/50			liv:hpa,hpc,ndd.	
TETRAKIS (HYDROXYMETHYL) PHOSPHONIUM SULFATE (THPS) 55566-30-8												
5976	TR296	7.73mg	n.s.s.	1/50	3.54mg	8/50	7.07mg	9/50				S
a	TR296	5.58mg	n.s.s.	32/50	3.54mg	35/50	7.07mg	35/50				
b	TR296	33.4mg	n.s.s.	7/50	3.54mg	3/50	7.07mg	3/50			liv:hpa,hpc,ndd.	
c	TR296	21.4mg	n.s.s.	2/50	3.54mg	3/50	7.07mg	3/50			lun:a/a,a/c.	
5977	TR296	4.59mg	n.s.s.	2/50	3.54mg	10/50	(7.07mg	1/50)			mul:mlh,mlm,mlp,mli,ule.	S
a	TR296	4.26mg	n.s.s.	33/50	3.54mg	38/50	7.07mg	38/50				
b	TR296	10.9mg	n.s.s.	18/50	3.54mg	12/50	7.07mg	17/50			liv:hpa,hpc,ndd.	
c	TR296	9.59mg	n.s.s.	7/50	3.54mg	10/50	7.07mg	9/50			lun:a/a,a/c.	
5978	TR296	3.69mg	n.s.s.	45/50	3.50mg	46/50	7.01mg	41/50				
a	TR296	30.1mg	n.s.s.	3/50	3.50mg	2/50	7.01mg	2/50			liv:hpa,hpc,ndd.	
5979	TR296	1.03mg	n.s.s.	30/50	3.50mg	36/50	(7.01mg	20/50)				S
a	TR296	1.38mg	n.s.s.	21/50	3.50mg	27/50	(7.01mg	14/50)			pta:adn,can.	S
b	TR296	1.44mg	n.s.s.	21/50	3.50mg	26/50	(7.01mg	14/50)				S
c	TR296	.766mg	n.s.s.	46/50	3.50mg	49/50	(7.01mg	37/50)				
d	TR296	3.19mg	n.s.s.	3/50	3.50mg	5/50	(7.01mg	1/50)			liv:hpa,hpc,ndd.	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
TETRAMETHYLTHIURAM DISULFIDE (TMTD, thiram) 137-26-8									
5980	1194	3.52mg	n.s.s.	1/17	3.64mg	1/15		Innes;ntis,1968/1969	
a	1194	6.01mg	n.s.s.	0/17	3.64mg	0/15			
b	1194	3.90mg	n.s.s.	2/17	3.64mg	1/15			
5981	1194	3.17mg	n.s.s.	2/18	3.39mg	2/18			
a	1194	4.01mg	n.s.s.	1/18	3.39mg	1/18			
b	1194	2.67mg	n.s.s.	3/18	3.39mg	3/18			
5982	1194	7.21mg	n.s.s.	0/16	3.64mg	0/18			
a	1194	7.21mg	n.s.s.	0/16	3.64mg	0/18			
b	1194	7.21mg	n.s.s.	0/16	3.64mg	0/18			
5983	1194	2.43mg	n.s.s.	0/16	3.39mg	2/17			
a	1194	6.34mg	n.s.s.	0/16	3.39mg	0/17			
b	1194	1.93mg	n.s.s.	0/16	3.39mg	3/17			
5984	1645	28.8mg	n.s.s.	4/24	20.3mg	8/24		Lijinsky;jtxe,13,609-614;1984	
5985	1645	46.3mg	n.s.s.	2/24	16.2mg	3/24			
a	1645	51.1mg	n.s.s.	3/24	16.2mg	3/24			
b	1645	125.mg	n.s.s.	1/24	16.2mg	0/24			
5986	2140	190.mg	n.s.s.	9/49	23.2mg	12/50	46.4mg	6/50	Hasegawa;txcy,51,155-165;1988/pers.comm.
5987	2140	55.7mg	n.s.s.	22/50	18.6mg	20/49	37.1mg	24/50	
5988	2146m	55.7ug	n.s.s.	0/8	.150mg	0/8	1.50mg	0/8	15.0mg 0/8
5989	2146n	1.14mg	n.s.s.	1/40	.150mg	0/41	1.50mg	0/40	15.0mg 0/40
5990	2146m	44.6ug	n.s.s.	0/8	.120mg	0/8	1.20mg	0/8	12.0mg 0/8
5991	2146n	.891mg	n.s.s.	0/40	.120mg	0/40	1.20mg	0/40	12.0mg 0/40
TETRAMETHYLTHIURAM MONOSULFIDE (unads) 97-74-5									
5992	1199	53.2mg	n.s.s.	0/17	51.0mg	1/18		Innes;ntis,1968/1969	
a	1199	101.mg	n.s.s.	1/17	51.0mg	0/18			
b	1199	29.4mg	n.s.s.	2/17	51.0mg	4/18			
5993	1199	58.3mg	n.s.s.	2/18	47.4mg	1/17			
a	1199	88.7mg	n.s.s.	1/18	47.4mg	0/17			
b	1199	62.3mg	n.s.s.	3/18	47.4mg	1/17			
5994	1199	89.8mg	n.s.s.	0/16	51.0mg	0/16			
a	1199	89.8mg	n.s.s.	0/16	51.0mg	0/16			
b	1199	89.8mg	n.s.s.	0/16	51.0mg	0/16			
5995	1199	26.9mg	n.s.s.	0/16	47.4mg	3/17			
a	1199	34.0mg	n.s.s.	0/16	47.4mg	2/17			
b	1199	18.8mg	673.mg	0/16	47.4mg	5/17			
TETRANITROMETHANE 509-14-8									
5996	TR386	.891mg	2.31mg	4/50	1.24mg	24/50	4.98mg	49/50	liv:hpa,hpc,nnnd.
a	TR386	1.04mg	2.49mg	1/50	1.24mg	19/50	4.98mg	41/50	lun:a/a,a/c. S
b	TR386	1.16mg	2.88mg	3/50	1.24mg	11/50	4.98mg	45/50	S
c	TR386	1.68mg	n.s.s.	40/50	1.24mg	44/50	4.98mg	49/50	
d	TR386	12.1mg	n.s.s.	13/50	1.24mg	3/50	4.98mg	7/50	liv:hpa,hpc,nnnd.
e	TR386	.891mg	2.31mg	4/50	1.24mg	24/50	4.98mg	49/50	lun:a/a,a/c.
5997	TR386	.695mg	1.91mg	12/50	1.04mg	27/50	4.15mg	47/50	lun:a/a,a/c.
a	TR386	.771mg	1.90mg	6/50	1.04mg	16/50	4.15mg	46/50	S
b	TR386	.975mg	2.95mg	7/50	1.04mg	17/50	4.15mg	34/50	S
c	TR386	.852mg	5.23mg	39/50	1.04mg	40/50	4.15mg	48/50	
d	TR386	3.89mg	n.s.s.	23/50	1.04mg	24/50	4.15mg	12/50	liv:hpa,hpc,nnnd.
e	TR386	.695mg	1.91mg	12/50	1.04mg	27/50	4.15mg	47/50	lun:a/a,a/c.
5998	TR386	.513mg	.998mg	0/50	1.19mg	23/50	2.97mg	50/50	lun:a/a,a/c,sq. C
a	TR386	.516mg	1.01mg	0/50	1.19mg	22/50	2.97mg	50/50	lun:a/a,a/c.
b	TR386	.559mg	1.11mg	0/50	1.19mg	19/50	2.97mg	50/50	S
c	TR386	2.91mg	13.0mg	0/50	1.19mg	1/50	2.97mg	12/50	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc							Citation or Pathology	Brkly Code
d	TR386	6.23mg	1.15gm	0/50	1.19mg	0/50	2.97mg	4/50								adr:coa,coc. S
e	TR386	3.29mg	n.s.s.	0/50	1.19mg	6/50	2.97mg	3/50								S
f	TR386	7.13mg	n.s.s.	0/50	1.19mg	0/50	2.97mg	3/50								S
g	TR386	.839mg	n.s.s.	47/50	1.19mg	49/50	2.97mg	50/50								
h	TR386	9.27mg	n.s.s.	1/50	1.19mg	1/50	2.97mg	1/50							liv:hpa,hpc,ndd.	
5999	TR386	.210mg	.453mg	1/50	.832mg	34/50	2.08mg	50/50							lun:a/a,a/c,sgc. C	
a	TR386	.224mg	.491mg	1/50	.832mg	33/50	2.08mg	46/50							lun:a/a,a/c.	
b	TR386	.252mg	.551mg	0/50	.832mg	26/50	2.08mg	46/50								S
c	TR386	.265mg	1.52mg	33/50	.832mg	38/50	2.08mg	39/50							tes:iab,ica. S	
d	TR386	.655mg	3.33mg	1/50	.832mg	13/50	2.08mg	11/50								S
e	TR386	.956mg	3.50mg	0/50	.832mg	1/50	2.08mg	19/50								
f	TR386	1.25mg	n.s.s.	3/50	.832mg	5/50	2.08mg	6/50								S
g	TR386	.289mg	2.20mg	47/50	.832mg	49/50	2.08mg	50/50								
h	TR386	4.71mg	n.s.s.	1/50	.832mg	2/50	2.08mg	0/50							liv:hpa,hpc,ndd.	
THENYLDIAMINE 91-79-2																
6000	1790	96.3mg	n.s.s.	1/21	25.1mg	1/20									Lijinsky;zkko,112,57-60;1986	
a	1790	53.7mg	n.s.s.	6/21	25.1mg	5/20										
6001	1790	23.0mg	n.s.s.	4/19	17.6mg	7/20										
a	1790	75.6mg	n.s.s.	2/19	17.6mg	1/20										
THEOPHYLLINE 58-55-9																
6002	TR473	8.45mg	n.s.s.	1/50	5.31mg	8/50	(17.7mg	4/50	53.2mg	2/50)						S
a	TR473	13.9mg	n.s.s.	46/50	5.31mg	39/50	17.7mg	41/50	(53.2mg	28/50)						
b	TR473	35.2mg	n.s.s.	29/50	5.31mg	14/50	17.7mg	18/50	(53.2mg	8/50)					liv:hpa,hpb,hpc.	
c	TR473	186.mg	n.s.s.	4/50	5.31mg	5/50	17.7mg	4/50	53.2mg	3/50				lun:a/a,a/c.		
6003	TR473	7.34mg	n.s.s.	44/50	10.7mg	42/50	(35.5mg	38/50	107.mg	13/50)						
a	TR473	13.4mg	n.s.s.	34/50	10.7mg	27/50	(35.5mg	22/50	107.mg	4/50)					liv:hpa,hpb,hpc.	
b	TR473	239.mg	n.s.s.	13/50	10.7mg	9/50	35.5mg	15/50	107.mg	5/50				lun:a/a,a/c.		
6004	TR473	61.0mg	n.s.s.	44/50	5.31mg	41/50	17.8mg	40/50	53.3mg	36/50						
a	TR473	284.mg	n.s.s.	0/50	5.31mg	0/50	17.8mg	1/50	53.3mg	0/50					liv:hpa,hpb,hpc.	
6005	TR473	33.8mg	n.s.s.	43/50	5.34mg	41/50	17.8mg	39/50	53.5mg	34/50						
a	TR473	267.mg	n.s.s.	2/50	5.34mg	2/50	17.8mg	0/50	53.5mg	1/50					liv:hpa,hpb,hpc.	
THIABENDAZOLE (2-(4-thiazolyl)-benzimidazole) 148-79-8																
6006	2456	95.9mg	n.s.s.	0/20	240.mg	2/20									Mikuriya;tmrl,40,289-297;1989/pers.comm.	
6007	2656	1.02gm	n.s.s.	5/50	40.3mg	2/50	162.mg	5/50	650.mg	6/50					Tada;txcy,169,163-176;2001	
a	2656	2.66gm	n.s.s.	0/50	40.3mg	0/50	162.mg	0/50	650.mg	1/50						
b	2656	178.mg	n.s.s.	0/50	40.3mg	0/50	162.mg	0/50	650.mg	0/50						
c	2656	3.69gm	n.s.s.	1/50	40.3mg	0/50	162.mg	1/50	650.mg	0/50						
6008	2656	2.45gm	n.s.s.	0/50	36.0mg	0/50	150.mg	0/50	600.mg	1/50						
a	2656	3.45gm	n.s.s.	3/50	36.0mg	2/50	150.mg	2/50	600.mg	0/50						
b	2656	964.mg	n.s.s.	7/50	36.0mg	10/50	150.mg	11/50	600.mg	8/50						
c	2656	2.34gm	n.s.s.	1/50	36.0mg	2/50	150.mg	1/50	600.mg	1/50						
d	2656	2.68gm	n.s.s.	3/50	36.0mg	6/50	150.mg	3/50	600.mg	1/50						
6009	1777	113.mg	n.s.s.	0/15	100.mg	0/14									Fujii;fctx,24,207-211;1986	
6010	2314	1.24gm	n.s.s.	0/29	25.0mg	0/30	50.0mg	0/29	100.mg	1/30	200.mg	0/30			Fujii;fctx,29,771-775;1991	
a	2314	81.7mg	n.s.s.	0/29	25.0mg	0/30	50.0mg	0/29	100.mg	0/30	200.mg	0/30				
b	2314	81.7mg	n.s.s.	0/29	25.0mg	0/30	50.0mg	0/29	100.mg	0/30	200.mg	0/30				
6011	1777	96.6mg	n.s.s.	1/14	80.0mg	0/15									Fujii;fctx,24,207-211;1986	
a	1777	96.6mg	n.s.s.	1/14	80.0mg	0/15										
6012	2314	278.mg	1.87gm	0/30	20.0mg	1/30	40.0mg	0/30	80.0mg	2/30	160.mg	7/30			Fujii;fctx,29,771-775;1991	
a	2314	750.mg	n.s.s.	0/29	20.0mg	0/30	40.0mg	1/30	80.0mg	0/30	160.mg	1/30				
b	2314	65.9mg	n.s.s.	0/29	20.0mg	0/30	40.0mg	0/30	80.0mg	0/30	160.mg	0/30				
c	2314	65.9mg	n.s.s.	0/29	20.0mg	0/30	40.0mg	0/30	80.0mg	0/30	160.mg	0/30				

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
THIAMPHENICOL		15318-45-3							
6013	2521	60.2mg	n.s.s.	0/50	6.88mg	0/49	27.5mg	0/50	Kitamura;fctx,35,1075-1080;1997
a	2521	10.1mg	n.s.s.	42/50	6.88mg	42/49	27.5mg	45/50	
6014	2521	111.mg	n.s.s.	2/50	6.02mg	1/49	24.1mg	3/49	
a	2521	n.s.s.	n.s.s.	50/50	6.02mg	49/49	24.1mg	49/49	
THIO-TEPA		52-24-4							
6015	TR58	.133mg	.352mg	0/15	.300mg	5/35	1.00mg	32/35	---:lle,lym.
a	TR58	53.3ug	.142mg	0/15	.300mg	17/35	1.00mg	32/35	
b	TR58	.277mg	n.s.s.	0/15	.300mg	2/35	1.00mg	0/35	liv:hpa,hpc,nnd.
c	TR58	.155mg	n.s.s.	0/15	.300mg	5/35	1.00mg	0/35	lun:a/a,a/c.
6016	TR58	.127mg	.357mg	1/30p	.300mg	5/35	1.00mg	32/35	---:lle,lym.
a	TR58	.155mg	2.35mg	0/30p	.300mg	5/35	1.00mg	0/35	S
6017	TR58	55.1ug	.281mg	0/15	.300mg	15/34	.900mg	1/35	S
a	TR58	.133mg	.461mg	1/15	.300mg	3/34	.900mg	26/35	---:leu,lle,lym. C
b	TR58	.133mg	.461mg	1/15	.300mg	3/34	.900mg	26/35	---:leu,lym.
c	TR58	.146mg	.506mg	1/15	.300mg	2/34	.900mg	26/35	---:lle,lym.
d	TR58	40.6ug	.137mg	4/15	.300mg	19/34	.900mg	27/35	
e	TR58	.187mg	n.s.s.	1/15	.300mg	4/34	.900mg	0/35	liv:hpa,hpc,nnd.
f	TR58	.140mg	n.s.s.	1/15	.300mg	5/34	.900mg	0/35	lun:a/a,a/c.
6018	TR58	55.1ug	.218mg	0/30p	.300mg	15/34	.900mg	1/35	S
a	TR58	.134mg	.441mg	1/30p	.300mg	3/34	.900mg	26/35	---:leu,lym.
b	TR58	.146mg	.485mg	1/30p	.300mg	2/34	.900mg	26/35	---:lle,lym.
c	TR58	.119mg	1.28mg	0/30p	.300mg	7/34	.900mg	0/35	
d	TR58	.126mg	1.25mg	0/30p	.300mg	6/34	.900mg	1/35	
6019	TR58	.101mg	.666mg	0/20	.190mg	2/31	.250mg	8/35	eac:sqc; ski:sqc.
a	TR58	.107mg	.868mg	0/20	.190mg	2/31	.250mg	7/35	S
b	TR58	.260mg	n.s.s.	0/20	.190mg	2/31	.250mg	2/35	bra:oln; nas:can.
c	TR58	24.2ug	88.2ug	8/20	.190mg	26/31	.250mg	26/35	
d	TR58	n.s.s.	n.s.s.	0/20	.190mg	0/31	.250mg	0/35	liv:hpa,hpc,nnd.
6020	TR58	89.5ug	.491mg	2/60p	.190mg	7/31	.250mg	8/35	S
a	TR58	.101mg	.537mg	0/60p	.190mg	2/31	.250mg	8/35	eac:sqc; ski:sqc.
b	TR58	.105mg	.637mg	0/60p	.190mg	2/31	.250mg	7/35	S
c	TR58	.138mg	1.05mg	0/60p	.190mg	2/31	.250mg	5/35	
6021	TR58	.144mg	1.14mg	0/20	.190mg	5/39	.270mg	6/35	
a	TR58	68.7ug	n.s.s.	0/20	.190mg	3/39	.270mg	0/35	bra:neu,oln; nas:can.
b	TR58	17.6ug	75.6ug	8/20	.190mg	27/39	.270mg	14/35	
c	TR58	n.s.s.	n.s.s.	0/20	.190mg	0/39	.270mg	0/35	liv:hpa,hpc,nnd.
6022	TR58	52.4ug	.317mg	0/60p	.190mg	7/39	.270mg	3/35	eac:sqc; ski:sqc.
a	TR58	59.5ug	.482mg	0/60p	.190mg	5/39	.270mg	3/35	
b	TR58	68.9ug	1.07mg	0/60p	.190mg	5/39	.270mg	0/35	
c	TR58	91.5ug	.674mg	1/60p	.190mg	6/39	.270mg	6/35	---:leu,lym.
d	TR58	.134mg	.708mg	0/60p	.190mg	5/39	.270mg	6/35	
e	TR58	.153mg	1.15mg	0/60p	.190mg	3/39	.270mg	5/35	
6023	1017	86.1ug	1.02mg	7/89	71.4ug	14/48			Schmahl; arzn,20,1461-1467;1970
a	1017	.122mg	13.2mg	4/89	71.4ug	9/48			
b	1017	.188mg	n.s.s.	3/89	71.4ug	5/48			
THIOACETAMIDE		62-55-5							
6024	1959	6.19mg	28.4mg	0/15	19.1mg	13/24			Akao; chpb,38,2012-2014;1990
a	1959	7.55mg	42.3mg	0/15	19.1mg	11/24			
6025	282	1.69mg	22.6mg	0/6	39.0mg	6/7			Gothoskar;bjca,24,498-503;1970
6026	282	n.s.s.	11.3mg	0/6	36.0mg	6/6			
6027	1836	5.38mg	n.s.s.	0/15	7.00mg	9/41			Kuroda;jnci,79,1047-1051;1987
a	1836	8.28mg	n.s.s.	0/15	7.00mg	5/41			
b	1836	9.55mg	n.s.s.	0/15	7.00mg	4/41			

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code			
4,4'-THIOBIS(6-tert-BUTYL-m-CRESOL) 96-69-5												
6028	TR435	86.4mg	n.s.s.	38/51	32.3mg	37/50	64.8mg	38/50	130.mg	38/50		
a	TR435	190.mg	n.s.s.	20/51	32.3mg	23/50	64.8mg	24/50	130.mg	14/50	liv:hpa,hpb,hpc.	
b	TR435	415.mg	n.s.s.	2/51	32.3mg	3/50	64.8mg	1/50	130.mg	4/50	lun:a/a,a/c.	
6029	TR435	64.2mg	n.s.s.	38/50	29.9mg	38/50	59.8mg	39/50	(120.mg)	25/50)		
a	TR435	78.1mg	n.s.s.	25/50	29.9mg	30/50	59.8mg	27/50	(120.mg)	16/50)	liv:hpa,hpb,hpc.	
b	TR435	599.mg	n.s.s.	8/50	29.9mg	9/50	59.8mg	9/50	120.mg	3/50	lun:a/a,a/c.	
6030	TR435	125.mg	7.44gm	2/50	24.9mg	6/50	49.9mg	9/50	125.mg	10/50	ute:esp,ess.	S
a	TR435	133.mg	n.s.s.	2/50	24.9mg	5/50	49.9mg	9/50	125.mg	9/50		S
b	TR435	141.mg	n.s.s.	3/50	24.9mg	4/50	49.9mg	8/50	125.mg	9/50	thy:cca,ccr,cdb.	S
c	TR435	155.mg	n.s.s.	3/50	24.9mg	2/50	49.9mg	8/50	125.mg	8/50	thy:cca,cdb.	S
d	TR435	54.8mg	n.s.s.	47/50	24.9mg	45/50	49.9mg	43/50	125.mg	47/50		
e	TR435	650.mg	n.s.s.	0/50	24.9mg	0/50	49.9mg	0/50	125.mg	1/50	liv:hpa,hpb,hpc.	
6031	TR435	47.0mg	n.s.s.	47/50	19.9mg	47/50	40.0mg	47/50	99.9mg	44/50		
a	TR435	119.mg	n.s.s.	1/50	19.9mg	3/50	40.0mg	3/50	99.9mg	5/50	liv:hpa,hpb,hpc.	
2,2'-THIOBIS(4,6-DICHLOROPHENOL) (TBP, Vancide BL) 97-18-7												
6032	1283	13.2mg	n.s.s.	1/17	15.7mg	2/18					Innes;ntis,1968/1969	
a	1283	31.1mg	n.s.s.	0/17	15.7mg	0/18						
b	1283	7.51mg	n.s.s.	2/17	15.7mg	5/18						
6033	1283	27.4mg	n.s.s.	1/18	14.6mg	0/17						
a	1283	27.4mg	n.s.s.	2/18	14.6mg	0/17						
b	1283	19.2mg	n.s.s.	3/18	14.6mg	1/17						
6034	1283	27.6mg	n.s.s.	0/16	15.7mg	0/16						
a	1283	27.6mg	n.s.s.	0/16	15.7mg	0/16						
b	1283	10.6mg	n.s.s.	0/16	15.7mg	2/16						
6035	1283	14.4mg	n.s.s.	0/16	14.6mg	1/17						
a	1283	14.4mg	n.s.s.	0/16	14.6mg	1/17						
b	1283	4.29mg	38.7mg	0/16	14.6mg	7/17						
THIOCYANATE, SODIUM 540-72-7												
6036	1898	289.mg	n.s.s.	4/24	107.mg	3/20					Lijinsky;txih,5,25-29;1989	
6037	1898	90.8mg	968.mg	0/24	74.7mg	6/20						
a	1898	185.mg	n.s.s.	3/24	74.7mg	3/20						
4,4'-THIODIANILINE 139-65-1												
6038	TR47	18.5mg	60.2mg	0/14	232.mg	33/35	464.mg	30/35			liv:hpc; thy:fca,fcc.	C
a	TR47	18.5mg	60.5mg	0/14	232.mg	32/35	464.mg	30/35				
b	TR47	45.5mg	178.mg	0/14	232.mg	11/35	464.mg	18/35			thy:fca,fcc.	
c	TR47	72.9mg	386.mg	0/14	232.mg	3/35	464.mg	15/35				
d	TR47	18.5mg	60.2mg	2/14	232.mg	33/35	464.mg	30/35				
e	TR47	18.5mg	60.5mg	0/14	232.mg	32/35	464.mg	30/35			liv:hpa,hpc,nnd.	
f	TR47	n.s.s.	n.s.s.	0/14	232.mg	0/35	464.mg	0/35			lun:a/a,a/c.	
6039	TR47	20.1mg	54.0mg	4/14	214.mg	34/35	428.mg	24/35			liv:hpa,hpc; thy:fca,fcc.	C
a	TR47	20.3mg	55.3mg	4/14	214.mg	33/35	428.mg	23/35			liv:hpa,hpc.	
b	TR47	20.5mg	56.9mg	1/14	214.mg	32/35	428.mg	22/35				
c	TR47	30.7mg	88.8mg	0/14	214.mg	22/35	428.mg	20/35			thy:fca,fcc.	
d	TR47	40.7mg	125.mg	0/14	214.mg	15/35	428.mg	20/35				
e	TR47	20.1mg	54.0mg	4/14	214.mg	34/35	428.mg	24/35				
f	TR47	20.3mg	55.3mg	4/14	214.mg	33/35	428.mg	23/35			liv:hpa,hpc,nnd.	
g	TR47	174.mg	n.s.s.	0/14	214.mg	1/35	428.mg	0/35			lun:a/a,a/c.	
6040	TR47	4.53mg	15.2mg	0/15	53.5mg	32/35	107.mg	33/35			eac:sqc,scp; thy:fcc; ute:acn.	C
a	TR47	4.61mg	16.0mg	0/15	53.5mg	31/35	107.mg	23/35				
b	TR47	6.13mg	20.2mg	0/15	53.5mg	24/35	107.mg	32/35				
c	TR47	49.8mg	1.34gm	0/15	53.5mg	6/35	107.mg	3/35			eac:sqc,scp.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
d	TR47	4.44mg	16.1mg	6/15	53.5mg	32/35	107.mg	33/35				
e	TR47	15.9mg	137.mg	0/15	53.5mg	6/35	107.mg	3/35			liv:hpa,hpc,nnd.	
6041	TR47	2.00mg	11.7mg	0/15	42.8mg	32/35	(85.6mg)	33/35)			col:acn; eac:sqc,scp; liv:hpa,hpc; thy:fca,fcc. C	
a	TR47	2.01mg	12.2mg	0/15	42.8mg	30/35	(85.6mg)	32/35)			thy:fca,fcc.	
b	TR47	2.08mg	15.3mg	0/15	42.8mg	28/35	(85.6mg)	32/35)				
c	TR47	2.15mg	18.5mg	0/15	42.8mg	23/35	(85.6mg)	12/35)			liv:hpa,hpc.	
d	TR47	2.16mg	19.3mg	0/15	42.8mg	21/35	(85.6mg)	10/35)				
e	TR47	6.42mg	57.0mg	0/15	42.8mg	15/35	(85.6mg)	8/35)			eac:sqc,scp.	
f	TR47	38.5mg	n.s.s.	0/15	42.8mg	6/35	(85.6mg)	1/35)				
g	TR47	2.28mg	13.6mg	4/15	42.8mg	32/35	(85.6mg)	33/35)				
h	TR47	2.15mg	18.5mg	0/15	42.8mg	23/35	(85.6mg)	12/35)			liv:hpa,hpc,nnd.	
6042	2024	.486mg	n.s.s.	0/20	1.84mg	4/20					Hasegawa;carc,12,1515-1518;1991/pers.comm.	
a	2024	.586mg	n.s.s.	0/20	1.84mg	3/20						
b	2024	.735mg	n.s.s.	0/20	1.84mg	2/20						
beta-THIOGUANINE DEOXYRIBOSIDE (beta-TGdR) 64039-27-6												
6043	TR57	.150mg	n.s.s.	21/30	.300mg	20/35	.600mg	21/35	(1.70mg	1/35)		
a	TR57	n.s.s.	n.s.s.	0/30	.300mg	0/35	.600mg	0/35	1.70mg	0/35	liv:hpa,hpc,nnd.	
b	TR57	1.12mg	n.s.s.	0/30	.300mg	0/35	.600mg	1/35	1.70mg	0/35	lun:a/a,a/c.	
6044	TR57	.173mg	n.s.s.	20/30	.300mg	19/35	.600mg	19/35	1.70mg	0/35		
a	TR57	.421mg	n.s.s.	2/30	.300mg	1/35	.600mg	1/35	1.70mg	0/35	liv:hpa,hpc,nnd.	
b	TR57	n.s.s.	n.s.s.	0/30	.300mg	0/35	.600mg	0/35	1.70mg	0/35	lun:a/a,a/c.	
6045	TR57	.938mg	14.3mg	0/10	1.00mg	2/35	2.00mg	6/35			eac:can,scq.	
a	TR57	.990mg	44.0mg	0/10	1.00mg	2/35	2.00mg	5/35				S
b	TR57	.572mg	n.s.s.	9/10	1.00mg	17/35	2.00mg	10/35				
c	TR57	n.s.s.	n.s.s.	0/10	1.00mg	0/35	2.00mg	0/35			liv:hpa,hpc,nnd.	
6046	TR57	.938mg	6.68mg	0/30p	1.00mg	2/35	2.00mg	6/35			eac:can,scq.	
a	TR57	.990mg	8.66mg	0/30p	1.00mg	2/35	2.00mg	5/35				S
6047	TR57	1.32mg	n.s.s.	0/10	1.00mg	1/35	2.00mg	2/35			eac:can,scq.	
a	TR57	.839mg	n.s.s.	7/10	1.00mg	9/35	2.00mg	5/35				
b	TR57	n.s.s.	n.s.s.	0/10	1.00mg	0/35	2.00mg	0/35			liv:hpa,hpc,nnd.	
6048	TR57	1.32mg	n.s.s.	0/30p	1.00mg	1/35	2.00mg	2/35			eac:can,scq.	
a	TR57	1.73mg	n.s.s.	0/30p	1.00mg	1/35	2.00mg	2/35				S
THIOSEMICARBAZIDE (thiocarbamylhydrazine) 79-19-6												
6049	1675	38.4mg	n.s.s.	1/15	31.2mg	0/14	62.4mg	0/3			Toth;faat,2,173-176;1982/1980	
a	1675	469.mg	n.s.s.	24/98	31.2mg	9/49	62.4mg	4/39				
6050	1675	204.mg	n.s.s.	0/100	26.0mg	0/49	52.0mg	0/33				
a	1675	207.mg	n.s.s.	26/100	26.0mg	5/49	(52.0mg)	3/33)				
6051	1112	1.11mg	n.s.s.	3/10	1.41mg	19/26	2.81mg	16/26			Weisburger;jnci,67,75-88;1981	
THIOURACIL 141-90-2												
6052	284	28.6mg	152.mg	0/24	390.mg	14/16					Casas;pseb,113,493-494;1963	
6053	284	17.9mg	139.mg	2/32	360.mg	12/13						
6054	284	871.mg	n.s.s.	0/20	390.mg	0/22						
6055	284	804.mg	n.s.s.	0/20	360.mg	0/22						
6056	1947	13.8mg	42.0mg	5/214	4.15mg	2/23	12.5mg	6/24	37.5mg	18/24	Fears;txih,5,1-23;1989	
a	1947	14.0mg	n.s.s.	0/214	4.15mg	0/24	12.5mg	0/24	37.5mg	0/24		
6057	1947	4.59mg	16.2mg	5/214	3.32mg	6/24	10.0mg	14/24	(30.0mg)	5/24)		
a	1947	11.2mg	n.s.s.	0/214	3.32mg	0/24	10.0mg	0/24	30.0mg	0/24		
THIOUREA 62-56-6												
6058	1135	331.mg	n.s.s.	1/94	25.1mg	0/64					Vazquez-Lopez;bjca,3,401-414;1949	
6059	288a	43.0mg	363.mg	0/12	159.mg	7/12					Rosin;canr,17,302-305;1957	
a	288a	76.6mg	n.s.s.	0/12	159.mg	4/12						
b	288a	21.2mg	141.mg	0/12	159.mg	10/12						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
6060	288b	45.5mg	249.mg	0/12	100.mg	11/19					
a	288b	45.5mg	249.mg	0/12	100.mg	11/19					
b	288b	11.2mg	64.0mg	0/12	100.mg	18/19					
6061	21	18.2mg	n.s.s.	0/30	2.50mg	0/30				Deichmann;txap,11,88-103;1967	
a	21	2.51mg	n.s.s.	13/30	2.50mg	15/30					
6062	84a	24.7mg	n.s.s.	1/30	4.00mg	0/30				Radomski;txap,7,652-656;1965	
a	84a	4.19mg	n.s.s.	6/30	4.00mg	10/30					
b	84a	19.7mg	n.s.s.	6/30	4.00mg	1/30					
6063	21	14.6mg	n.s.s.	0/30	2.00mg	0/30				Deichmann;txap,11,88-103;1967	
a	21	6.34mg	n.s.s.	1/30	2.00mg	2/30					
6064	84a	19.8mg	n.s.s.	0/30	3.20mg	0/30				Radomski;txap,7,652-656;1965	
a	84a	10.5mg	n.s.s.	0/30	3.20mg	1/30					
b	84a	19.8mg	n.s.s.	3/30	3.20mg	0/30					
TILIDINE FUMARATE (valoron) 55567-81-2											
6065	1794	88.4mg	n.s.s.	10/100	16.0mg	7/50	40.0mg	11/50	100.mg	12/50	McGuire;txcy,39,149-163;1986
a	1794	62.5mg	n.s.s.	2/100	16.0mg	0/50	40.0mg	0/50	100.mg	0/50	
b	1794	79.7mg	n.s.s.	38/100	16.0mg	24/50	40.0mg	25/50	100.mg	21/50	
c	1794	96.3mg	n.s.s.	32/100	16.0mg	21/50	40.0mg	19/50	100.mg	18/50	
d	1794	172.mg	n.s.s.	14/100	16.0mg	6/50	40.0mg	7/50	100.mg	8/50	
6066	1794	148.mg	n.s.s.	15/100	16.0mg	7/50	40.0mg	9/50	100.mg	9/50	
a	1794	334.mg	n.s.s.	0/100	16.0mg	2/50	40.0mg	0/50	100.mg	1/50	
b	1794	401.mg	n.s.s.	9/100	16.0mg	3/50	40.0mg	4/50	100.mg	2/50	
c	1794	73.9mg	n.s.s.	25/100	16.0mg	17/50	40.0mg	22/50	100.mg	17/50	
d	1794	90.9mg	n.s.s.	21/100	16.0mg	16/50	40.0mg	18/50	100.mg	14/50	
e	1794	243.mg	n.s.s.	9/100	16.0mg	5/50	40.0mg	6/50	100.mg	4/50	
6067	1794	222.mg	2.88gm	2/100	16.0mg	1/50	40.0mg	5/50	100.mg	7/50	
a	1794	169.mg	n.s.s.	17/100	16.0mg	8/50	40.0mg	12/50	100.mg	13/50	
b	1794	136.mg	n.s.s.	74/100	16.0mg	36/50	40.0mg	32/50	100.mg	34/50	
c	1794	83.8mg	n.s.s.	81/100	16.0mg	39/50	40.0mg	36/50	100.mg	40/50	
6068	1794	413.mg	n.s.s.	4/100	16.0mg	6/50	40.0mg	3/50	100.mg	3/50	
a	1794	54.3mg	n.s.s.	55/100	16.0mg	29/50	40.0mg	29/50	100.mg	38/50	
b	1794	97.6mg	n.s.s.	45/100	16.0mg	22/50	40.0mg	20/50	100.mg	29/50	
c	1794	166.mg	n.s.s.	16/100	16.0mg	9/50	40.0mg	14/50	100.mg	12/50	
TILISOLOL.HCl (N-696) 62774-96-3											
6069	2373	53.2mg	n.s.s.	7/52	3.00mg	8/52	10.0mg	6/52	30.0mg	8/52	James;phrm,36,261-270;1988
a	2373	109.mg	n.s.s.	2/52	3.00mg	2/52	10.0mg	4/52	30.0mg	1/52	
b	2373	13.6mg	n.s.s.	0/52	3.00mg	0/52	10.0mg	0/52	30.0mg	0/52	
c	2373	29.5mg	n.s.s.	23/52	3.00mg	19/52	10.0mg	24/52	30.0mg	21/52	
6070	2373	45.7mg	n.s.s.	0/52	3.00mg	1/52	10.0mg	4/52	30.0mg	4/52	
a	2373	36.9mg	n.s.s.	4/52	3.00mg	5/52	10.0mg	9/52	30.0mg	8/52	
b	2373	47.7mg	n.s.s.	6/52	3.00mg	13/52	10.0mg	9/52	30.0mg	9/52	
c	2373	98.7mg	n.s.s.	4/52	3.00mg	3/52	10.0mg	2/52	30.0mg	3/52	
d	2373	24.7mg	n.s.s.	20/52	3.00mg	24/52	10.0mg	22/52	30.0mg	23/52	
6071	2372	156.mg	n.s.s.	1/55	3.00mg	1/55	8.00mg	1/55	20.0mg	1/55	James;phrm,35,425-435;1988
a	2372	4.62mg	n.s.s.	53/55	3.00mg	51/55	8.00mg	53/55	20.0mg	53/55	
6072	2372	116.mg	n.s.s.	0/55	3.00mg	0/55	8.00mg	1/55	20.0mg	2/55	
a	2372	159.mg	n.s.s.	2/55	3.00mg	0/55	8.00mg	2/55	20.0mg	1/55	
b	2372	13.1mg	n.s.s.	47/55	3.00mg	36/55	8.00mg	45/55	20.0mg	44/55	
TIN (II) CHLORIDE (stannous chloride) 7772-99-8											
6073	TR231	564.mg	n.s.s.	0/50	130.mg	4/50	258.mg	2/50			S
a	TR231	574.mg	n.s.s.	0/50	130.mg	3/50	258.mg	3/50			S
b	TR231	871.mg	n.s.s.	0/50	130.mg	0/50	258.mg	4/50			S
c	TR231	150.mg	n.s.s.	22/50	130.mg	32/50	258.mg	27/50			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
d	TR231	396.mg	n.s.s.	3/50	130.mg	4/50	258.mg	8/50		liv:hpa,hpc,nnd.
e	TR231	1.06gm	n.s.s.	4/50	130.mg	1/50	258.mg	3/50		lun:a/a,a/c.
6074	TR231	373.mg	n.s.s.	33/50	120.mg	29/50	240.mg	33/50		
a	TR231	655.mg	n.s.s.	16/50	120.mg	10/50	240.mg	15/50		liv:hpa,hpc,nnd.
b	TR231	671.mg	n.s.s.	10/50	120.mg	10/50	240.mg	10/50		lun:a/a,a/c.
6075	1512	5.26mg	n.s.s.	26/170	.877mg	10/86			Kanisawa;canr,27,1192-1195;1967	
a	1512	12.0mg	n.s.s.	7/170	.877mg	1/86				
b	1512	3.83mg	n.s.s.	55/170	.877mg	22/86				
c	1512	6.06mg	n.s.s.	15/170	.877mg	6/86				
d	1512	6.42mg	n.s.s.	29/170	.877mg	9/86				
6076	TR231	87.0mg	n.s.s.	40/50	50.0mg	38/50	100.mg	37/50		
a	TR231	891.mg	n.s.s.	1/50	50.0mg	0/50	100.mg	1/50		liv:hpa,hpc,nnd.
6077	TR231	41.4mg	628.mg	2/50	40.0mg	13/50	(80.0mg	8/50)		thy:cca,ccr. S
a	TR231	174.mg	n.s.s.	0/50	40.0mg	4/50	80.0mg	3/50		S
b	TR231	287.mg	n.s.s.	0/50	40.0mg	0/50	80.0mg	3/50		S
c	TR231	49.0mg	n.s.s.	36/50	40.0mg	37/50	80.0mg	38/50		
d	TR231	598.mg	n.s.s.	2/50	40.0mg	0/50	80.0mg	1/50		liv:hpa,hpc,nnd.
6078	1036	11.5mg	n.s.s.	1/82	.265mg	0/94			Kanisawa;canr,29,892-895;1969	
a	1036	2.08mg	n.s.s.	31/82	.265mg	29/94				
b	1036	5.54mg	n.s.s.	9/82	.265mg	5/94				
TITANIUM DIOXIDE 13463-67-7										
6079	TR97	6.64gm	n.s.s.	30/50	3.22gm	24/50	6.44gm	26/50		
a	TR97	17.0gm	n.s.s.	1/50	3.22gm	3/50	6.44gm	3/50		liv:hpa,hpc,nnd.
b	TR97	16.9gm	n.s.s.	1/50	3.22gm	2/50	6.44gm	4/50		lun:a/a,a/c.
6080	TR97	9.26gm	n.s.s.	29/50	2.97gm	25/50	5.94gm	28/50		
a	TR97	9.45gm	n.s.s.	8/50	2.97gm	9/50	5.94gm	14/50		liv:hpa,hpc,nnd.
b	TR97	24.2gm	n.s.s.	6/50	2.97gm	3/50	5.94gm	5/50		lun:a/a,a/c.
6081	TR97	6.25gm	n.s.s.	1/50	1.24gm	0/50	2.48gm	6/50		thy:cca,ccr. S
a	TR97	1.23gm	n.s.s.	41/50	1.24gm	43/50	2.48gm	46/50		
b	TR97	28.2gm	n.s.s.	1/50	1.24gm	0/50	2.48gm	0/50		liv:hpa,hpc,nnd.
6082	TR97	7.81gm	n.s.s.	0/50	990.mg	0/50	1.98gm	3/50		S
a	TR97	1.54gm	n.s.s.	32/50	990.mg	40/50	1.98gm	36/50		
b	TR97	16.7gm	n.s.s.	1/50	990.mg	1/50	1.98gm	0/50		liv:hpa,hpc,nnd.
TITANIUM OXALATE, POTASSIUM 14481-26-6										
6083	56	3.59mg	n.s.s.	9/60	1.00mg	5/32			Schroeder;jnut,83,239-250;1964	
a	56	4.45mg	n.s.s.	22/60	1.00mg	7/32				
6084	1395	1.24mg	n.s.s.	9/45	1.00mg	13/36			Schroeder;jnut,105,452-458;1975	
6085	56	6.12mg	n.s.s.	8/44	.833mg	1/40			Schroeder;jnut,83,239-250;1964	
a	56	4.09mg	n.s.s.	11/44	.833mg	4/40				
6086	1395	1.23mg	n.s.s.	10/43	.833mg	17/45			Schroeder;jnut,105,452-458;1975	
TITANOCENE DICHLORIDE 1271-19-8										
6087	TR399	114.mg	n.s.s.	0/60	17.4mg	1/61	34.8mg	2/60		
a	TR399	21.7mg	n.s.s.	55/60	17.4mg	53/61	34.8mg	46/60		
b	TR399	114.mg	n.s.s.	0/60	17.4mg	1/61	34.8mg	2/60		liv:hpa,hpc,nnd.
6088	TR399	30.6mg	10.4gm	0/60	17.5mg	4/60	(35.2mg	1/60)		
a	TR399	67.1mg	1.74gm	0/60	17.5mg	3/60	35.2mg	4/60		S
b	TR399	33.4mg	n.s.s.	0/60	17.5mg	4/60	(35.2mg	0/60)		S
c	TR399	64.2mg	n.s.s.	0/60	17.5mg	4/60	35.2mg	2/60		for:bsb,sgc,sgp.
d	TR399	13.0mg	n.s.s.	52/60	17.5mg	52/60	35.2mg	43/60		
e	TR399	52.4mg	n.s.s.	4/60	17.5mg	3/60	35.2mg	8/60		liv:hpa,hpc,nnd.
DL-alpha-TOCOPHEROL (vitamin E) 10191-41-0										
6089	2612	139.mg	n.s.s.	0/10	250.mg	0/10			Hagiwara;gann,90,399-405;1999	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	2612	139.mg	n.s.s.	0/10	250.mg	0/10					
6090	1900	206.mg	n.s.s.	0/10	400.mg	0/10				Hirose;carc,8,1731-1735;1987/pers.comm.	
a	1900	206.mg	n.s.s.	0/10	400.mg	0/10					
b	1900	206.mg	n.s.s.	0/10	400.mg	0/10					
DL-alpha-TOCOPHEROL ACETATE (vitamin E acetate) 7695-91-2											
6091	1558m	147.mg	n.s.s.	0/10	500.mg	0/10	1.00gm	0/10	2.00gm	0/10	Wheldon;ijvn,53,287-296;1983
6092	1558n	24.4gm	n.s.s.	2/50	500.mg	1/49	1.00gm	1/50	2.00gm	0/50	
a	1558n	911.mg	n.s.s.	46/50	2.00gm	45/50					
b	1558n	8.01gm	n.s.s.	9/50	2.00gm	6/50					
6093	1558m	147.mg	n.s.s.	0/10	500.mg	0/10	1.00gm	0/10	2.00gm	0/10	
6094	1558n	21.4gm	n.s.s.	2/49	500.mg	1/50	1.00gm	0/50	2.00gm	1/50	
a	1558n	2.12gm	n.s.s.	28/49	2.00gm	29/50					
b	1558n	5.23gm	n.s.s.	7/49	2.00gm	8/50					
DL-TOCOPHEROL, MIXTURE OF NATURAL ISOMERS (alpha, beta, gamma and delta) (E-mix 80, natural vitamin E) 1406-66-2											
6095	2398	2.07gm	8.62gm	12/46	6.00gm	36/50					Nitta;jtxp,4,55-61;1991/pers.comm.
a	2398	2.85gm	15.9gm	10/46	6.00gm	30/50					
b	2398	16.0gm	n.s.s.	9/46	6.00gm	8/50					
TOLAZAMIDE 1156-19-0											
6096	TR51	867.mg	n.s.s.	8/15	455.mg	6/35	919.mg	9/34			
a	TR51	1.61gm	n.s.s.	1/15	455.mg	1/35	919.mg	1/34			liv:hpa,hpc,nnd.
b	TR51	3.33gm	n.s.s.	1/15	455.mg	0/35	919.mg	1/34			lun:a/a,a/c.
6097	TR51	643.mg	n.s.s.	8/15	420.mg	11/35	(848.mg)	5/35)			
a	TR51	2.87gm	n.s.s.	3/15	420.mg	2/35	848.mg	3/35			liv:hpa,hpc,nnd.
b	TR51	2.07gm	n.s.s.	0/15	420.mg	2/35	848.mg	1/35			lun:a/a,a/c.
6098	TR51	214.mg	n.s.s.	13/15	175.mg	23/35	354.mg	20/35			
a	TR51	n.s.s.	n.s.s.	0/15	175.mg	1/35	354.mg	0/35			liv:hpa,hpc,nnd.
6099	TR51	277.mg	n.s.s.	9/15	140.mg	19/35	283.mg	20/35			
a	TR51	n.s.s.	n.s.s.	0/15	140.mg	0/35	283.mg	0/35			liv:hpa,hpc,nnd.
TOLBUTAMIDE 64-77-7											
6100	TR31	1.63gm	n.s.s.	3/15	1.76gm	11/35	(3.52gm)	3/35)			
a	TR31	10.6gm	n.s.s.	1/15	1.76gm	2/35	3.52gm	1/35			liv:hpa,hpc,nnd.
b	TR31	10.3gm	n.s.s.	0/15	1.76gm	2/35	3.52gm	0/35			lun:a/a,a/c.
6101	TR31	1.16gm	n.s.s.	8/15	1.62gm	13/35	(3.28gm)	2/35)			
a	TR31	1.96gm	n.s.s.	3/15	1.62gm	4/35	(3.28gm)	1/35)			liv:hpa,hpc,nnd.
b	TR31	9.12gm	n.s.s.	1/15	1.62gm	2/35	3.28gm	0/35			lun:a/a,a/c.
6102	TR31	662.mg	n.s.s.	13/15	315.mg	15/35	631.mg	16/35			
a	TR31	n.s.s.	n.s.s.	0/15	315.mg	0/35	631.mg	0/35			liv:hpa,hpc,nnd.
6103	TR31	654.mg	n.s.s.	8/15	252.mg	13/35	505.mg	17/35			
a	TR31	n.s.s.	n.s.s.	0/15	252.mg	0/35	505.mg	0/35			liv:hpa,hpc,nnd.
TOLUENE (monomethyl benzene) 108-88-3											
6104	TR371	607.mg	n.s.s.	33/50	151.mg	36/50	766.mg	42/50	1.51gm	38/50	
a	TR371	1.57gm	n.s.s.	7/50	151.mg	9/50	766.mg	8/50	1.51gm	13/50	liv:hpa,hpc,nnd.
b	TR371	2.27gm	n.s.s.	5/50	151.mg	3/50	766.mg	4/50	1.51gm	7/50	lun:a/a,a/c.
6105	TR371	511.mg	n.s.s.	29/60	126.mg	29/60	630.mg	26/60	1.26gm	33/60	
a	TR371	985.mg	n.s.s.	19/60	126.mg	17/60	630.mg	18/60	1.26gm	19/60	liv:hpa,hpc,nnd.
b	TR371	1.87gm	n.s.s.	9/60	126.mg	1/60	630.mg	2/60	1.26gm	9/60	lun:a/a,a/c.
6106	TR371	176.mg	n.s.s.	46/50	180.mg	43/50	360.mg	43/50			
a	TR371	1.41gm	n.s.s.	2/50	180.mg	3/50	360.mg	0/50			liv:hpa,hpc,nnd.
6107	1578	490.mg	n.s.s.	1/90	84.6mg	4/90					Gralla;ctfr;1983/Gibson 1983
6108	TR371	94.1mg	n.s.s.	43/50	126.mg	44/50	252.mg	42/50			
a	TR371	756.mg	n.s.s.	4/50	126.mg	3/50	252.mg	0/50			liv:hpa,hpc,nnd.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
6109	1578	297.mg	n.s.s.	3/89	59.2mg	6/90			Gralla;ctfr;1983/Gibson 1983	
6110	BT910	1.62gm	n.s.s.	3/50	387.mg	5/50			Maltoni;anya,837,15-52;1997	
	a	BT910	1.96gm	n.s.s.	1/50	387.mg	3/50			
	b	BT910	834.mg	n.s.s.	11/50	387.mg	15/50			
	c	BT910	845.mg	n.s.s.	35/50	387.mg	29/50			
6111	BT903m	696.mg	52.1gm	1/50	237.mg	7/40			Maltoni;ajim,7,415-446;1985/1997a	
	a	BT903m	1.43gm	n.s.s.	0/50	237.mg	2/40			
	b	BT903m	644.mg	n.s.s.	7/50	237.mg	10/40			
	c	BT903m	1.92gm	n.s.s.	0/50	237.mg	1/40			
	d	BT903m	1.92gm	n.s.s.	0/50	237.mg	1/40			
	e	BT903m	98.7mg	1.07gm	30/50	237.mg	36/40			
	f	BT903m	281.mg	3.19gm	10/49	237.mg	21/40			
6112	BT910	914.mg	20.4gm	1/50	387.mg	9/50			Maltoni;anya,837,15-52;1997	
	a	BT910	1.06gm	10.3gm	0/50	387.mg	7/50			
	b	BT910	1.23gm	n.s.s.	5/50	387.mg	8/50			
	c	BT910	2.99gm	n.s.s.	0/50	387.mg	1/50			
	d	BT910	2.99gm	n.s.s.	0/50	387.mg	1/50			
	e	BT910	5.57gm	n.s.s.	1/50	387.mg	0/50			
	f	BT910	583.mg	n.s.s.	12/50	387.mg	20/50			
	g	BT910	482.mg	n.s.s.	27/50	387.mg	30/50			
6113	BT903m	184.mg	n.s.s.	29/50	237.mg	31/40			Maltoni;ajim,7,415-446;1985/1997a	
	a	BT903m	371.mg	n.s.s.	11/45	237.mg	18/40			
TOLUENE DIISOCYANATE, COMMERCIAL GRADE (2,4 (80%)- AND 2,6 (20%)-) 26471-62-5										
6114	TR251	97.9mg	612.mg	2/50	42.5mg	4/50	84.1mg	16/50	abc:hes; liv:hes,hpa; ova:hes; spl:hcm; sub:hcm. C	
	a	TR251	103.mg	5.59gm	4/50	42.5mg	5/50	84.1mg	15/50	liv:hpa,hpc. S
	b	TR251	121.mg	2.38gm	2/50	42.5mg	3/50	84.1mg	12/50	
	c	TR251	236.mg	10.7gm	0/50	42.5mg	1/50	84.1mg	5/50	abc:hes; liv:hes; ova:hes; spl:hcm; sub:hcm.
	d	TR251	362.mg	n.s.s.	0/50	42.5mg	0/50	84.1mg	3/50	abc:hes; liv:hes; ova:hes. S
	e	TR251	66.0mg	n.s.s.	26/50	42.5mg	31/50	84.1mg	30/50	
	f	TR251	103.mg	5.59gm	4/50	42.5mg	5/50	84.1mg	15/50	liv:hpa,hpc,nnd.
	g	TR251	282.mg	n.s.s.	0/50	42.5mg	3/50	84.1mg	1/50	lun:a/a,a/c.
6115	TR251	75.0mg	n.s.s.	22/50	84.9mg	27/50	(168.mg	9/50)		
	a	TR251	371.mg	n.s.s.	11/50	84.9mg	12/50	168.mg	5/50	liv:hpa,hpc,nnd.
	b	TR251	416.mg	n.s.s.	2/50	84.9mg	5/50	168.mg	2/50	lun:a/a,a/c.
6116	2178	.422mg	n.s.s.	23/90	.112mg	20/90	(.336mg	11/89)	Loeser;txlt,15,71-81;1983	
	a	2178	1.22mg	n.s.s.	4/90	.112mg	2/90	(.336mg	0/89)	
	b	2178	4.72mg	n.s.s.	0/90	.112mg	1/90	.336mg	0/89	
	c	2178	6.31mg	n.s.s.	5/90	.112mg	0/90	.336mg	1/89	
	d	2178	.233mg	n.s.s.	56/90	.112mg	50/90	(.336mg	22/89)	
	e	2178	.344mg	n.s.s.	30/90	.112mg	27/90	(.336mg	10/89)	
	f	2178	.389mg	n.s.s.	39/90	.112mg	31/90	(.336mg	14/89)	
6117	2178	.136mg	n.s.s.	17/90	93.3ug	31/90	(.280mg	22/90)		
	a	2178	.370mg	n.s.s.	24/90	93.3ug	20/90	(.280mg	12/90)	
	b	2178	.376mg	n.s.s.	21/90	93.3ug	18/90	(.280mg	9/90)	
	c	2178	2.45mg	n.s.s.	6/90	93.3ug	4/90	.280mg	4/90	
	d	2178	96.1ug	n.s.s.	64/90	93.3ug	65/90	(.280mg	43/90)	
	e	2178	.186mg	n.s.s.	39/90	93.3ug	39/90	(.280mg	23/90)	
	f	2178	1.08mg	n.s.s.	38/90	93.3ug	44/90	.280mg	29/90	
6118	TR251	14.7mg	57.3mg	19/50	42.1mg	26/50	83.3mg	24/50	liv:nnd; mgl:fba; pni:isa; sub:fbs, fib. C	
	a	TR251	18.5mg	87.1mg	15/50	42.1mg	21/50	83.3mg	18/50	
	b	TR251	44.4mg	344.mg	3/50	42.1mg	8/50	83.3mg	8/50	
	c	TR251	51.9mg	383.mg	0/50	42.1mg	7/50	83.3mg	2/50	pni:isa,isc. S
	d	TR251	58.3mg	523.mg	0/50	42.1mg	6/50	83.3mg	2/50	
	e	TR251	58.4mg	2.25gm	2/50	42.1mg	5/50	83.3mg	4/50	S
	f	TR251	67.1mg	3.51gm	2/50	42.1mg	3/50	83.3mg	5/50	S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code	
g	TR251	87.6mg	1.88gm	0/50	42.1mg	1/50	83.3mg	3/50		S	
h	TR251	32.1mg	n.s.s.	25/50	42.1mg	15/50	83.3mg	16/50		S	
i	TR251	33.7mg	n.s.s.	27/50	42.1mg	15/50	83.3mg	16/50		S	
j	TR251	73.7mg	43.3gm	2/50	42.1mg	1/50	83.3mg	5/50	pit:cra,crc.	S	
k	TR251	87.3mg	n.s.s.	0/50	42.1mg	4/50	83.3mg	0/50	sub:fbs,fib.	S	
l	TR251	13.6mg	82.8mg	45/50	42.1mg	36/50	83.3mg	34/50			
m	TR251	44.4mg	344.mg	3/50	42.1mg	8/50	83.3mg	8/50	liv:hpa,hpc,nnd.		
6119	TR251	6.93mg	71.9mg	48/50	21.0mg	35/50	41.7mg	30/50	tes:ict,itm.	S	
a	TR251	14.9mg	65.4mg	4/50	21.0mg	8/50	41.7mg	14/50	pan:ana; sub:fbs,fib.	C	
b	TR251	18.0mg	88.4mg	3/50	21.0mg	6/50	41.7mg	12/50	sub:fbs,fib.		
c	TR251	23.2mg	183.mg	1/50	21.0mg	3/50	41.7mg	7/50			
d	TR251	25.2mg	239.mg	3/50	21.0mg	3/50	41.7mg	9/50		S	
e	TR251	32.2mg	732.mg	3/50	21.0mg	4/50	41.7mg	7/50		S	
f	TR251	36.9mg	421.mg	0/50	21.0mg	3/50	41.7mg	3/50		S	
g	TR251	33.6mg	12.8gm	4/50	21.0mg	4/50	41.7mg	7/50	pit:cra,crc.	S	
h	TR251	39.2mg	n.s.s.	1/50	21.0mg	4/50	41.7mg	3/50	sub:fbs,ost,srn.	S	
i	TR251	57.7mg	n.s.s.	1/50	21.0mg	0/50	41.7mg	4/50	pni:isa,isc.	S	
j	TR251	9.29mg	94.4mg	40/50	21.0mg	24/50	41.7mg	29/50			
k	TR251	42.4mg	n.s.s.	7/50	21.0mg	3/50	41.7mg	4/50	liv:hpa,hpc,nnd.		
6120	2178	1.34mg	n.s.s.	0/104	26.7ug	0/105	80.0ug	1/105	Loeser;txlt,15,71-81;1983		
a	2178	.247mg	n.s.s.	21/104	26.7ug	18/105	80.0ug	25/105			
b	2178	80.1ug	n.s.s.	102/104	26.7ug	94/105	80.0ug	96/105			
c	2178	46.5ug	n.s.s.	104/104	26.7ug	98/105	80.0ug	101/105			
6121	2178	1.03mg	n.s.s.	0/104	18.7ug	1/104	56.0ug	0/104			
a	2178	76.3ug	n.s.s.	86/104	18.7ug	67/104	56.0ug	81/104			
b	2178	.103mg	n.s.s.	77/104	18.7ug	64/104	56.0ug	71/104			
c	2178	.263mg	n.s.s.	17/104	18.7ug	14/104	56.0ug	17/104			
o-TOLUENESULFONAMIDE 88-19-7											
6122	1398	5.34mg	n.s.s.	6/48	2.50mg	16/49	(25.0mg	6/49	250.mg	5/49)	Arnold;txap,52,113-152;1980
a	1398	2.10gm	n.s.s.	0/48	2.50mg	0/49	25.0mg	0/49	250.mg	2/49	
b	1398	2.01gm	n.s.s.	0/48	2.50mg	0/49	25.0mg	2/49	250.mg	1/49	
6123	1398	2.81gm	n.s.s.	0/49	2.50mg	0/49	25.0mg	0/50	250.mg	1/49	
a	1398	4.05gm	n.s.s.	0/49	2.50mg	1/49	25.0mg	1/50	250.mg	1/49	
b	1398	5.04gm	n.s.s.	0/49	2.50mg	1/49	25.0mg	0/50	250.mg	0/49	
6124	1397	143.mg	8.60gm	0/76	20.0mg	5/76	(200.mg	3/76)			Schmahl;zkko,91,19-22;1978
a	1397	1.26gm	n.s.s.	0/76	20.0mg	3/76	200.mg	5/76			
b	1397	531.mg	n.s.s.	1/76	20.0mg	0/76	200.mg	0/76			
c	1397	1.02gm	n.s.s.	13/76	20.0mg	20/76	200.mg	17/76			
6125	1433	544.mg	n.s.s.	1/50	57.1mg	0/48					Hooson;bjca,42,129-147;1980
m-TOLUIDINE.HCl 638-03-9											
6126	381	1.29gm	n.s.s.	1/22	1.14gm	2/18					Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973
a	381	1.04gm	n.s.s.	5/22	1.14gm	4/18					
b	381	919.mg	n.s.s.	18/22	1.14gm	10/18					
6127	381m	2.75gm	n.s.s.	8/15	2.66gm	2/19					
a	381m	n.s.s.	n.s.s.	0/15	2.66gm	0/19					
b	381m	410.mg	n.s.s.	11/15	2.66gm	7/19					
6128	381	1.06gm	n.s.s.	1/18	754.mg	4/16	1.51gm	2/16			
a	381	1.45gm	n.s.s.	8/18	754.mg	2/16	1.51gm	5/16			
b	381	751.mg	n.s.s.	13/18	754.mg	10/16	1.51gm	10/16			
6129	381	368.mg	n.s.s.	7/99p	754.mg	4/16	(1.51gm	1/16)			
6130	381	n.s.s.	n.s.s.	0/16	146.mg	0/20	292.mg	0/18			
a	381	31.7mg	n.s.s.	9/16	146.mg	17/20	(292.mg	9/18)			

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
o-TOLUIDINE.HCl 636-21-5										
6131	TR153	428.mg	2.86gm	0/20	130.mg	4/50	390.mg	13/50		liv:hpa,hpc.
a	TR153	716.mg	n.s.s.	0/20	130.mg	2/50	390.mg	7/50		
b	TR153	344.mg	n.s.s.	8/20	130.mg	19/50	390.mg	26/50		
c	TR153	428.mg	2.86gm	0/20	130.mg	4/50	390.mg	13/50		liv:hpa,hpc,nnd.
d	TR153	1.66gm	n.s.s.	1/20	130.mg	2/50	390.mg	2/50		lun:a/a,a/c.
6132	TR153	453.mg	8.19gm	1/20	120.mg	2/50	360.mg	12/50		---:hem,hes.
a	TR153	554.mg	80.1gm	1/20	120.mg	1/50	360.mg	10/50		
b	TR153	304.mg	n.s.s.	17/20	120.mg	28/50	360.mg	30/50		
c	TR153	404.mg	n.s.s.	5/20	120.mg	19/50	360.mg	14/50		liv:hpa,hpc,nnd.
d	TR153	473.mg	n.s.s.	5/20	120.mg	5/50	(360.mg 3/50)			lun:a/a,a/c.
6133	381	544.mg	46.2gm	0/15	1.09gm	3/18	2.50gm	2/21	Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	1.18gm	n.s.s.	8/15	1.09gm	3/18	2.50gm	0/21		
b	381	283.mg	12.1gm	11/15	1.09gm	12/18	2.50gm	8/21		
6134	381	513.mg	3.75gm	8/102p	1.09gm	4/18	2.50gm	8/21		
6135	381	300.mg	1.75gm	0/14	1.01gm	4/14	2.30gm	8/11		
a	381	474.mg	12.0gm	1/14	1.01gm	2/14	2.30gm	4/11		
b	381	353.mg	n.s.s.	4/14	1.01gm	5/14	2.30gm	2/11		
c	381	154.mg	1.13gm	8/14	1.01gm	10/14	2.30gm	11/11		
6136	381	301.mg	1.84gm	5/99p	1.01gm	4/14	2.30gm	8/11		
6137	TR153	51.9mg	141.mg	7/20	150.mg	32/50	300.mg	48/50	mgl:adn,fba; mul:ang, fbs,ost,srn; spl:ang,ost,srn; ubl:tcc,tpp. C	
a	TR153	72.0mg	244.mg	6/20	150.mg	20/50	300.mg	35/50		
b	TR153	73.4mg	268.mg	7/20	150.mg	20/50	300.mg	35/50		mgl:adn,fba.
c	TR153	111.mg	299.mg	0/20	150.mg	10/50	300.mg	22/50		ubl:tcc,tpp.
d	TR153	116.mg	318.mg	0/20	150.mg	9/50	300.mg	22/50		
e	TR153	199.mg	605.mg	0/20	150.mg	3/50	300.mg	21/50		mul:ang, fbs,ost,srn.
f	TR153	193.mg	810.mg	0/20	150.mg	9/50	300.mg	12/50		spl:ang,ost,srn.
g	TR153	236.mg	844.mg	0/20	150.mg	0/50	300.mg	18/50		
h	TR153	239.mg	1.53gm	0/20	150.mg	7/50	300.mg	9/50		
i	TR153	47.1mg	174.mg	13/20	150.mg	43/50	300.mg	48/50		
j	TR153	n.s.s.	n.s.s.	0/20	150.mg	2/50	300.mg	0/50		liv:hpa,hpc,nnd.
6138	TR153	15.5mg	35.3mg	0/20	120.mg	44/50	240.mg	48/50	mul:ang, fbs,mso,ost,srn; spl:fib; sub:fib; tnv:mso. C	
a	TR153	20.9mg	54.6mg	0/20	120.mg	28/50	240.mg	27/50		
b	TR153	59.7mg	140.mg	0/20	120.mg	15/50	240.mg	37/50		mul:ang, fbs,ost,srn.
c	TR153	53.3mg	189.mg	0/20	120.mg	17/50	240.mg	9/50		mul:mso; tnv:mso.
d	TR153	64.1mg	355.mg	0/20	120.mg	10/50	240.mg	2/50		
e	TR153	99.1mg	336.mg	0/20	120.mg	8/50	240.mg	20/50		
f	TR153	192.mg	981.mg	0/20	120.mg	3/50	240.mg	11/50		
g	TR153	15.8mg	40.6mg	10/20	120.mg	50/50	240.mg	48/50		
h	TR153	169.mg	n.s.s.	1/20	120.mg	1/50	240.mg	3/50		liv:hpa,hpc,nnd.
6139	1487	21.8mg	74.2mg	1/27	124.mg	25/30			Hecht;clet,16,103-108;1982	
a	1487	74.0mg	372.mg	0/27	124.mg	11/30				
b	1487	81.0mg	452.mg	0/27	124.mg	10/30				
c	1487	89.2mg	571.mg	0/27	124.mg	9/30				
d	1487	164.mg	n.s.s.	0/27	124.mg	4/30				
e	1487	212.mg	n.s.s.	1/27	124.mg	3/30				
6140	381	22.4mg	62.5mg	0/16	192.mg	18/23	384.mg	21/24	Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	482.mg	n.s.s.	0/16	192.mg	0/23	384.mg	1/24		
b	381	20.2mg	82.4mg	9/16	192.mg	19/23	384.mg	23/24		
6141	381	23.6mg	65.9mg	18/111p	192.mg	18/23	384.mg	21/24		
a	381	48.9mg	535.mg	5/111p	192.mg	3/23	384.mg	4/24		
p-TOLUIDINE.HCl 540-23-8										
6142	381	93.6mg	n.s.s.	0/20	74.3mg	2/21	142.mg	3/17	Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	86.3mg	n.s.s.	6/20	74.3mg	3/21	142.mg	7/17		
b	381	97.1mg	n.s.s.	17/20	74.3mg	6/21	142.mg	10/17		

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology				Brkly Code	
6143	381	94.7mg	29.2gm	1/102p	74.3mg	2/21	142.mg	3/17					
6144	381	19.3mg	n.s.s.	3/18	68.6mg	8/17	(131.mg	9/18)					
a	381	19.3mg	n.s.s.	3/18	68.6mg	8/17	(131.mg	9/18)					
b	381	26.8mg	n.s.s.	5/18	68.6mg	6/17	(131.mg	8/18)					
c	381	17.2mg	n.s.s.	12/18	68.6mg	12/17	(131.mg	14/18)					
6145	381	20.2mg	212.mg	7/99p	68.6mg	8/17	(131.mg	9/18)					
6146	381	116.mg	n.s.s.	1/22	31.3mg	1/22	62.6mg	1/21					
a	381	42.9mg	n.s.s.	14/22	31.3mg	12/22	62.6mg	12/21					
p-TOLYLUREA 622-51-5													
6147	1343	674.mg	n.s.s.	1/89p	196.mg	0/38					Fleischman;jept,3,149-170;1980		
a	1343	674.mg	n.s.s.	2/89p	196.mg	0/38							
6148	1343	100.mg	529.mg	0/95p	181.mg	10/43							
a	1343	120.mg	776.mg	0/95p	181.mg	8/43							
b	1343	167.mg	1.93gm	0/91p	181.mg	5/43							
c	1343	189.mg	17.3gm	0/79p	181.mg	3/36							
d	1343	207.mg	n.s.s.	2/91p	181.mg	4/43							
e	1343	705.mg	n.s.s.	1/87p	181.mg	0/43							
6149	1343	287.mg	n.s.s.	0/49	75.3mg	0/42							
6150	1343	114.mg	n.s.s.	0/50	60.2mg	1/39							
TOREMIFENE CITRATE 89778-27-8													
6151	2049m	7.95mg	n.s.s.	0/18	12.0mg	0/36	24.0mg	0/10					Hard;canr,53,4534-4541;1993/pers.comm.
a	2049m	7.95mg	n.s.s.	0/18	12.0mg	0/36	24.0mg	0/10					
6152	2049n	17.6mg	n.s.s.	0/21	9.60mg	0/30	19.2mg	0/47					
a	2049n	17.6mg	n.s.s.	0/21	9.60mg	0/30	19.2mg	0/47					
6153	2043m	2.47mg	n.s.s.	0/5	12.0mg	0/5	48.0mg	0/5					Hirsimaki;artx,67,49-54;1993/pers.comm.
6154	2043n	6.18mg	n.s.s.	0/10	9.60mg	0/10	38.4mg	0/10					
6155	2159m	2.47mg	n.s.s.	0/5	12.0mg	0/5	48.0mg	0/5					Ahotupa;carc,15,863-868;1994
6156	2159n	2.58mg	n.s.s.	0/5	9.60mg	0/4	38.4mg	0/5					
6157	2276	96.5mg	n.s.s.	0/50	.120mg	1/49	1.20mg	2/50	5.00mg	1/50	12.0mg	2/50	Karlsson;dact,19,245-266;1996
a	2276	1.07mg	n.s.s.	0/50	.120mg	0/49	1.20mg	0/50	5.00mg	0/50	12.0mg	0/50	
b	2276	152.mg	n.s.s.	30/50	.120mg	7/49	1.20mg	2/49	5.00mg	1/49	12.0mg	2/50	
c	2276	57.6mg	n.s.s.	42/49	.120mg	26/50	1.20mg	1/49	5.00mg	1/48	(12.0mg	0/50)	
6158	2633m	12.4mg	n.s.s.	0/5	48.0mg	0/5					Karki;artx,74,249-256;2000/pers.comm.		
6159	2633n	15.5mg	n.s.s.	0/5	38.4mg	0/5							
6160	2276	92.4mg	n.s.s.	1/50	.120mg	0/37	1.20mg	0/33	5.00mg	0/27	12.0mg	1/50	Karlsson;dact,19,245-266;1996
a	2276	55.2mg	n.s.s.	3/50	.120mg	4/37	1.20mg	1/33	5.00mg	3/27	12.0mg	3/50	
b	2276	130.mg	n.s.s.	0/50	.120mg	3/24	1.20mg	1/23	5.00mg	0/12	12.0mg	0/50	
c	2276	157.mg	n.s.s.	26/48	.120mg	19/50	1.20mg	2/50	5.00mg	1/50	12.0mg	2/50	
d	2276	185.mg	n.s.s.	5/50	.120mg	6/50	1.20mg	0/50	5.00mg	0/50	12.0mg	0/50	
TOXAPHENE 8001-35-2													
6161	TR37r	7.40mg	16.0mg	0/10	11.3mg	11/49	22.9mg	39/47					NTP TR37/Goodman;faat,55,3-16;2000/NTP pers.comm.
a	TR37r	7.91mg	17.4mg	0/10	11.3mg	11/49	22.9mg	37/47					
b	TR37r	82.6mg	n.s.s.	0/10	11.3mg	0/49	22.9mg	3/47					
c	TR37r	50.4mg	n.s.s.	1/9	11.3mg	0/47	22.9mg	0/37					
6162	TR37r	7.49mg	16.5mg	1/50p	11.3mg	11/49	22.9mg	39/47					
a	TR37r	8.01mg	17.9mg	1/50p	11.3mg	11/49	22.9mg	37/47					
b	TR37r	82.6mg	n.s.s.	0/50p	11.3mg	0/49	22.9mg	3/47					
6163	2448	13.2mg	n.s.s.	2/53	.683mg	2/53	1.95mg	4/52	4.88mg	6/52			Goodman;faat,55,3-16;2000/Litton 1978
a	2448	18.6mg	n.s.s.	1/53	.683mg	1/53	1.95mg	3/52	4.88mg	3/52			
b	2448	22.9mg	n.s.s.	1/53	.683mg	1/53	1.95mg	1/52	4.88mg	3/52			
6164	TR37r	2.82mg	7.68mg	2/10	10.4mg	37/50	21.1mg	45/47					NTP TR37/Goodman;faat,55,3-16;2000/NTP pers.comm.
a	TR37r	4.10mg	12.4mg	2/10	10.4mg	30/50	21.1mg	42/47					
b	TR37r	30.7mg	n.s.s.	0/10	10.4mg	8/50	21.1mg	5/47					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
c	TR37r	72.2mg	n.s.s.	1/10	10.4mg	1/45	21.1mg	2/33				
6165	TR37r	2.81mg	6.19mg	7/48p	10.4mg	37/50	21.1mg	45/47				
a	TR37r	4.03mg	8.72mg	5/48p	10.4mg	30/50	21.1mg	42/47				
b	TR37r	38.9mg	n.s.s.	3/48p	10.4mg	8/50	21.1mg	5/47				
6166	2448	10.0mg	106.mg	3/53	.630mg	0/54	1.80mg	2/53	4.50mg	11/51	Goodman;faat,55,3-16;2000/Litton 1978	
a	2448	5.70mg	n.s.s.	10/53	.630mg	10/54	1.80mg	12/53	4.50mg	18/51		
b	2448	7.66mg	n.s.s.	7/53	.630mg	11/54	1.80mg	12/53	4.50mg	12/51		
6167	TR37	22.5mg	n.s.s.	6/10	20.0mg	31/50	40.0mg	40/50				
a	TR37	106.mg	n.s.s.	1/10	20.0mg	5/50	40.0mg	4/50			liv:hpa,hpc,nnd.	
6168	TR37	84.2mg	n.s.s.	1/55p	20.0mg	1/50	40.0mg	7/50				
6169	TR37	17.2mg	n.s.s.	7/10	16.5mg	33/50	33.0mg	24/50				
a	TR37	46.9mg	n.s.s.	1/10	16.5mg	6/50	33.0mg	4/50			liv:hpa,hpc,nnd.	
6170	TR37	29.3mg	298.mg	2/55p	16.5mg	7/50	33.0mg	9/50			thy:fca,fcc.	
a	TR37	39.4mg	n.s.s.	1/55p	16.5mg	6/50	33.0mg	4/50				S
TRAGACANTH GUM 9000-65-1												
6171	2086	27.4gm	n.s.s.	1/50	1.47gm	0/50	5.89gm	3/50			Hagiwara;fctx,30,673-679;1992/pers.comm.	
a	2086	39.5gm	n.s.s.	7/50	1.47gm	1/50	5.89gm	3/50				
b	2086	69.0gm	n.s.s.	3/50	1.47gm	1/50	5.89gm	0/50				
6172	2086	39.1gm	n.s.s.	0/50	1.36gm	0/50	5.43gm	1/50				
a	2086	17.8gm	n.s.s.	24/50	1.36gm	21/50	5.43gm	15/50				
b	2086	18.4gm	n.s.s.	10/50	1.36gm	5/50	5.43gm	8/50				
TRENIMON 68-76-8												
6173	1017	10.6ug	n.s.s.	0/65	2.14ug	1/45					Schmahl;arzn,20,1461-1467;1970	
a	1017	2.29ug	48.2ug	7/65	2.14ug	15/45						
b	1017	2.91ug	.117mg	4/65	2.14ug	11/45						
c	1017	6.37ug	n.s.s.	3/65	2.14ug	4/45						
TRIAMCINOLONE ACETONIDE 76-25-5												
6174	2059	20.6ug	n.s.s.	11/200	6.39ug	13/100					Ryrfeldt;txpy,20,115-117;1992	
a	2059	28.7ug	n.s.s.	7/200	6.39ug	8/100						
b	2059	37.3ug	n.s.s.	4/200	6.39ug	5/100						
3,4,4'-TRIAMINODIPHENYL ETHER 6264-66-0												
6175	2594	7.08mg	29.3mg	2/21	120.mg	21/26					Osanai;jsol,52,179-201;1976	
TRIAMTERENE 396-01-0												
6176	TR420	25.4mg	181.mg	10/50	13.0mg	22/50	25.9mg	23/50	51.8mg	36/60		
a	TR420	26.0mg	444.mg	13/50	13.0mg	26/50	25.9mg	25/50	51.8mg	37/60		liv:hpa,hpc.
b	TR420	32.1mg	n.s.s.	34/50	13.0mg	40/50	25.9mg	40/50	51.8mg	46/60		
c	TR420	26.0mg	444.mg	13/50	13.0mg	26/50	25.9mg	25/50	51.8mg	37/60		liv:hpa,hpb,hpc.
d	TR420	266.mg	n.s.s.	4/50	13.0mg	6/50	25.9mg	2/50	51.8mg	3/60		lun:a/a,a/c.
6177	TR420a	23.7mg	178.mg	10/50	51.9mg	31/51						liv:hpa,hpc.
a	TR420a	24.7mg	147.mg	7/50	51.9mg	28/51						
b	TR420a	25.3mg	n.s.s.	29/50	51.9mg	43/51						
c	TR420a	23.7mg	178.mg	10/50	51.9mg	31/51					liv:hpa,hpb,hpc.	
d	TR420a	291.mg	n.s.s.	3/50	51.9mg	1/51					lun:a/a,a/c.	
6178	TR420	87.7mg	n.s.s.	5/50	12.0mg	7/50	23.9mg	3/50	47.8mg	13/60		
a	TR420	45.8mg	n.s.s.	20/50	12.0mg	26/50	23.9mg	19/50	47.8mg	29/60		liv:hpa,hpc.
b	TR420	37.1mg	n.s.s.	32/50	12.0mg	38/50	23.9mg	35/50	47.8mg	38/60		
c	TR420	46.2mg	n.s.s.	20/50	12.0mg	27/50	23.9mg	19/50	47.8mg	29/60		liv:hpa,hpb,hpc.
d	TR420	66.4mg	n.s.s.	9/50	12.0mg	12/50	23.9mg	16/50	47.8mg	14/60		lun:a/a,a/c.
6179	TR420a	24.1mg	n.s.s.	21/50	48.0mg	36/50						
a	TR420a	24.9mg	n.s.s.	25/50	48.0mg	38/50					liv:hpa,hpc.	
b	TR420a	85.4mg	n.s.s.	1/50	48.0mg	6/50						S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
c	TR420a	25.8mg	n.s.s.	37/50	48.0mg	44/50						
d	TR420a	24.9mg	n.s.s.	25/50	48.0mg	38/50					liv:hpa,hpb,hpc.	
e	TR420a	58.0mg	n.s.s.	13/50	48.0mg	16/50					lun:a/a,a/c.	
6180	TR420	21.6mg	n.s.s.	46/50	4.99mg	43/50	15.0mg	42/50	29.9mg	41/50		
a	TR420	128.mg	n.s.s.	0/50	4.99mg	0/50	15.0mg	0/50	29.9mg	2/50	liv:hpa,hpb,hpc.	
6181	TR420	4.72mg	41.5mg	0/50	3.99mg	6/50	(12.0mg	4/50	23.9mg	3/50)		
a	TR420	18.1mg	n.s.s.	40/50	3.99mg	43/50	12.0mg	40/50	23.9mg	39/50		
b	TR420	4.72mg	41.5mg	0/50	3.99mg	6/50	(12.0mg	4/50	23.9mg	3/50)	liv:hpa,hpb,hpc.	
TRIBROMOMETHANE (bromoform) 75-25-2												
6182	TR350	311.mg	n.s.s.	0/50	69.4mg	0/50	140.mg	3/50			liv:hes; spl:hes.	S
a	TR350	109.mg	n.s.s.	24/50	69.4mg	18/50	140.mg	18/50				
b	TR350	152.mg	n.s.s.	4/50	69.4mg	6/50	140.mg	6/50			liv:hpa,hpc,nnd.	
c	TR350	349.mg	n.s.s.	3/50	69.4mg	1/50	140.mg	2/50			lun:a/a,a/c.	
6183	TR350	28.0mg	17.5gm	2/50	34.9mg	8/50	(69.7mg	4/50)			sub: fbs,sar.	S
a	TR350	13.8mg	n.s.s.	34/50	34.9mg	33/50	(69.7mg	27/50)				
b	TR350	18.1mg	n.s.s.	16/50	34.9mg	19/50	(69.7mg	14/50)			liv:hpa,hpc,nnd.	
c	TR350	44.0mg	n.s.s.	11/50	34.9mg	7/50	(69.7mg	2/50)			lun:a/a,a/c.	
6184	TR350	219.mg	1.55gm	0/50	69.4mg	1/50	139.mg	8/50			lgi:adc,pla.	
a	TR350	270.mg	3.60gm	0/50	69.4mg	1/50	139.mg	6/50				S
b	TR350	104.mg	n.s.s.	47/50	69.4mg	37/50	139.mg	38/50				
c	TR350	276.mg	n.s.s.	0/50	69.4mg	4/50	139.mg	2/50			liv:hpa,hpc,nnd.	
6185	TR350	33.3mg	n.s.s.	46/50	69.7mg	45/50	140.mg	37/50			tes:iab,ica.	S
a	TR350	237.mg	n.s.s.	0/50	69.7mg	3/50	140.mg	2/50				S
b	TR350	298.mg	n.s.s.	0/50	69.7mg	0/50	140.mg	3/50			lgi:adc,pla.	
c	TR350	71.8mg	n.s.s.	45/50	69.7mg	37/50	140.mg	25/50				
d	TR350	541.mg	n.s.s.	5/50	69.7mg	2/50	140.mg	1/50			liv:hpa,hpc,nnd.	
TRIBUTYL PHOSPHATE 126-73-8												
6186	2572	1.09gm	n.s.s.	0/50	19.5mg	0/50	130.mg	1/50	455.mg	2/48	Auletta;txcy,128,135-141;1998/SOCMA	1994
a	2572	1.35gm	n.s.s.	4/50	19.5mg	6/50	130.mg	3/50	455.mg	3/48		
b	2572	2.69gm	n.s.s.	2/50	19.5mg	3/50	130.mg	1/50	455.mg	0/48		
6187	2572	173.mg	n.s.s.	1/50	18.0mg	2/50	120.mg	5/50	(420.mg	0/50)		
a	2572	404.mg	n.s.s.	3/50	18.0mg	6/50	120.mg	7/50	420.mg	10/50		
b	2572	1.20gm	n.s.s.	4/50	18.0mg	4/50	120.mg	3/50	420.mg	3/50		
c	2572	1.12gm	n.s.s.	3/50	18.0mg	5/50	120.mg	4/50	420.mg	3/50		
6188	2571	229.mg	928.mg	0/50	10.0mg	0/50	35.0mg	1/49	150.mg	13/49	Auletta;txcy,128,125-134;1998/SOCMA	1994
a	2571	675.mg	n.s.s.	0/50	10.0mg	0/50	35.0mg	1/50	150.mg	2/50		
b	2571	809.mg	n.s.s.	0/50	10.0mg	0/50	35.0mg	0/49	150.mg	2/49		
6189	2571	79.5mg	202.mg	0/50	8.00mg	0/50	28.0mg	2/49	120.mg	30/49		
a	2571	311.mg	2.31gm	0/50	8.00mg	0/50	28.0mg	0/49	120.mg	7/49		
b	2571	346.mg	3.06gm	0/50	8.00mg	0/50	28.0mg	0/49	120.mg	6/49		
c	2571	413.mg	n.s.s.	0/50	8.00mg	1/50	28.0mg	1/50	120.mg	3/50		
d	2571	864.mg	n.s.s.	0/50	8.00mg	0/50	28.0mg	0/49	120.mg	1/49		
TRICAPRYLIN 538-23-8												
6190	TR426	3.40gm	12.5gm	2/50	1.68gm	6/50	3.37gm	13/50	6.76gm	18/53		
a	TR426	8.26gm	36.2gm	0/50	1.68gm	0/50	3.37gm	3/50	6.76gm	10/53		S
b	TR426	13.9gm	n.s.s.	1/50	1.68gm	0/50	3.37gm	3/50	6.76gm	4/53		S
c	TR426	3.40gm	n.s.s.	47/50	1.68gm	47/50	3.37gm	46/50	6.76gm	36/53		
d	TR426	13.9gm	n.s.s.	1/50	1.68gm	0/50	3.37gm	3/50	6.76gm	4/53	liv:hpa,hpb,hpc.	
1,2,3-TRICHLORO-4,6-DINITROBENZENE (vancide PB) 6379-46-0												
6191	1262	17.6mg	n.s.s.	0/18	16.9mg	1/18					Innes;ntis,1968/1969	
a	1262	33.5mg	n.s.s.	0/18	16.9mg	0/18						
b	1262	12.9mg	n.s.s.	0/18	16.9mg	2/18						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
6192	1262	12.0mg	n.s.s.	0/18	15.8mg	2/18					
a	1262	31.2mg	n.s.s.	1/18	15.8mg	0/18					
b	1262	14.7mg	n.s.s.	2/18	15.8mg	2/18					
6193	1262	33.5mg	n.s.s.	0/18	16.9mg	0/18					
a	1262	33.5mg	n.s.s.	1/18	16.9mg	0/18					
b	1262	22.2mg	n.s.s.	2/18	16.9mg	1/18					
6194	1262	18.5mg	n.s.s.	3/14	15.8mg	1/15					
a	1262	26.0mg	n.s.s.	0/14	15.8mg	0/15					
b	1262	4.75mg	n.s.s.	4/14	15.8mg	7/15					
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, TECHNICAL GRADE (CFC 113, fluorocarbon 113) 76-13-1											
6195	1876	60.9gm	1.25kg	0/85	1.15gm	0/36	5.74gm	0/30	11.5gm	5/86	Trochimowicz;faat,11,68-75;1988
6196	1876	95.1gm	n.s.s.	2/88	803.mg	1/64	4.02gm	0/58	8.03gm	2/87	
TRICHLOROACETIC ACID 76-03-9											
6197	2191m	218.mg	2.40gm	0/40	65.4mg	0/40	218.mg	0/19	654.mg	5/19	Pereira;faat,31,192-199;1996/pers.comm.
a	2191m	212.mg	n.s.s.	1/40	65.4mg	3/40	218.mg	3/19	654.mg	2/19	
6198	2191n	334.mg	2.31gm	2/90	65.4mg	4/53	218.mg	3/27	654.mg	7/19	
a	2191n	421.mg	3.25gm	2/90	65.4mg	0/53	218.mg	5/27	654.mg	5/19	
6199	2071	220.mg	1.97gm	0/22	833.mg	7/22					Herren-Freund;txap,90,183-189;1987
a	2071	211.mg	n.s.s.	2/22	833.mg	8/22					
6200	2327	893.mg	n.s.s.	0/29	2.50mg	0/32	25.0mg	0/32	250.mg	1/29	DeAngelo;jtxe,52,425-445;1997
a	2327	623.mg	n.s.s.	1/29	2.50mg	1/32	25.0mg	3/32	250.mg	2/29	
b	2327	623.mg	n.s.s.	1/29	2.50mg	1/32	25.0mg	3/32	250.mg	2/29	
2,4,6-TRICHLOROANILINE 634-93-5											
6201	381	369.mg	n.s.s.	0/13	780.mg	5/21	1.56gm	1/14			Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973
a	381	490.mg	n.s.s.	3/13	780.mg	3/21	1.56gm	2/14			
b	381	333.mg	n.s.s.	9/13	780.mg	7/21	1.56gm	4/14			
6202	381	140.mg	725.mg	2/16	720.mg	8/18	1.44gm	12/16			
a	381	166.mg	1.45gm	2/16	720.mg	6/18	1.44gm	3/16			
b	381	178.mg	3.14gm	2/16	720.mg	5/18	1.44gm	1/16			
c	381	104.mg	590.mg	9/16	720.mg	12/18	1.44gm	12/16			
6203	381	137.mg	537.mg	5/99p	720.mg	8/18	1.44gm	12/16			
a	381	202.mg	2.72gm	7/99p	720.mg	5/18	1.44gm	1/16			
6204	381	462.mg	n.s.s.	1/17	57.5mg	0/18	102.mg	0/16			
a	381	18.7mg	3.80gm	13/17	57.5mg	13/18	(102.mg)	10/16)			
1,1,2-TRICHLOROETHANE 79-00-5											
6205	TR74	33.3mg	70.8mg	0/20	119.mg	16/50	239.mg	40/50			
a	TR74	33.3mg	70.8mg	0/20	119.mg	16/50	239.mg	40/50			adr:phe; liv:hpc. C
b	TR74	127.mg	611.mg	0/20	119.mg	0/50	239.mg	12/50			
c	TR74	33.9mg	106.mg	5/20	119.mg	20/50	239.mg	41/50			
d	TR74	33.3mg	70.8mg	0/20	119.mg	16/50	239.mg	40/50			liv:hpa,hpc,nnd.
e	TR74	287.mg	n.s.s.	0/20	119.mg	3/50	239.mg	2/50			lun:a/a,a/c.
6206	TR74	42.2mg	146.mg	2/20	121.mg	18/50	239.mg	37/50			
a	TR74	42.2mg	146.mg	2/20	121.mg	18/50	239.mg	37/50			adr:phe; liv:hpc. C
b	TR74	263.mg	6.05gm	0/20	121.mg	0/50	239.mg	8/50			
c	TR74	42.3mg	872.mg	6/20	121.mg	28/50	239.mg	38/50			
d	TR74	42.2mg	146.mg	2/20	121.mg	18/50	239.mg	37/50			liv:hpa,hpc,nnd.
e	TR74	338.mg	n.s.s.	0/20	121.mg	3/50	239.mg	1/50			lun:a/a,a/c.
6207	TR74	31.0mg	n.s.s.	4/20	23.0mg	34/50	45.5mg	22/50			
a	TR74	182.mg	n.s.s.	0/20	23.0mg	1/50	45.5mg	1/50			liv:hpa,hpc,nnd.
6208	TR74	11.8mg	n.s.s.	6/20	23.0mg	21/50	(45.9mg)	11/50)			
a	TR74	436.mg	n.s.s.	1/20	23.0mg	0/50	45.9mg	0/50			liv:hpa,hpc,nnd.

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology		Brkly Code
1,1,1-TRICHLOROETHANE, TECHNICAL GRADE (methyl chloroform) 71-55-6										
6209	TR3	6.79gm	n.s.s.	7/20	1.72gm	2/50	3.44gm	3/50		
a	TR3	13.6gm	n.s.s.	1/20	1.72gm	0/50	3.44gm	0/50		liv:hpa,hpc,ndd. lun:a/a,a/c.
b	TR3	7.97gm	n.s.s.	1/20	1.72gm	0/50	3.44gm	1/50		
6210	1892	11.4gm	n.s.s.	13/50	257.mg	10/50	858.mg	10/50	2.57gm	7/50
a	1892	13.2gm	n.s.s.	4/50	257.mg	1/50	858.mg	5/50	2.57gm	2/50
b	1892	14.2gm	n.s.s.	10/50	257.mg	9/50	858.mg	5/50	2.57gm	5/50
6211	TR3	3.09gm	n.s.s.	5/20	1.74gm	2/50	3.48gm	6/50		
a	TR3	4.18gm	n.s.s.	3/20	1.74gm	0/50	3.48gm	4/50		liv:hpa,hpc,ndd. lun:a/a,a/c.
b	TR3	5.52gm	n.s.s.	1/20	1.74gm	1/50	3.48gm	1/50		
6212	1892	4.67gm	n.s.s.	12/50	214.mg	10/50	715.mg	12/50	2.14gm	12/50
a	1892	5.83gm	n.s.s.	26/50	214.mg	13/50	715.mg	19/50	2.14gm	16/50
b	1892	3.43gm	n.s.s.	29/50	214.mg	22/50	715.mg	28/50	2.14gm	24/50
6213	TR3	81.4mg	685.mg	10/20	380.mg	6/50	760.mg	9/50		
a	TR3	n.s.s.	n.s.s.	1/20	380.mg	0/50	760.mg	1/50		liv:hpa,hpc,ndd.
6214	TR3	334.mg	22.2gm	7/20	380.mg	6/50	(760.mg)	4/50		
a	TR3	n.s.s.	n.s.s.	0/20	380.mg	0/50	760.mg	0/50		liv:hpa,hpc,ndd.
6215	1892	451.mg	n.s.s.	1/50	61.3mg	0/50	204.mg	0/50	613.mg	0/50
a	1892	7.94gm	n.s.s.	1/50	61.3mg	1/50	204.mg	0/50	613.mg	0/50
6216	1892	627.mg	n.s.s.	0/50	42.9mg	0/50	143.mg	3/50	(429.mg)	0/50
a	1892	1.57gm	n.s.s.	1/50	42.9mg	1/50	143.mg	1/50	429.mg	4/50
TRICHLOROETHYLENE (TCE) 79-01-6										
6217	1010m	2.14gm	n.s.s.	1/30	46.1mg	1/29	230.mg	0/30		
a	1010m	821.mg	n.s.s.	2/30	46.1mg	3/29	230.mg	3/30		Henschler;artx,43,237-248;1980/pers.comm.
b	1010m	2.14gm	n.s.s.	1/30	46.1mg	1/29	230.mg	0/30		
6218	1010m	326.mg	n.s.s.	1/30	40.5mg	0/30	203.mg	0/30		
a	1010m	863.mg	n.s.s.	6/30	40.5mg	2/30	203.mg	4/30		
b	1010m	999.mg	n.s.s.	1/30	40.5mg	0/30	203.mg	2/30		
6219	TR2	1.06gm	9.81gm	0/20	538.mg	4/50	1.08gm	11/50		
a	TR2	716.mg	n.s.s.	4/20	538.mg	14/50	1.08gm	19/50		
b	TR2	1.06gm	9.81gm	0/20	538.mg	4/50	1.08gm	11/50		liv:hpa,hpc,ndd. lun:a/a,a/c.
c	TR2	1.55gm	n.s.s.	1/20	538.mg	4/50	1.08gm	7/50		
6220	BT306m	3.33gm	28.9gm	2/90	99.8mg	6/90	299.mg	7/89	599.mg	14/87
a	BT306m	5.28gm	n.s.s.	3/88	99.8mg	4/89	299.mg	4/88	599.mg	9/85
b	BT306m	21.4gm	n.s.s.	0/90	99.8mg	0/90	299.mg	0/89	599.mg	1/87
c	BT306m	17.3gm	n.s.s.	1/90	99.8mg	1/90	299.mg	1/89	599.mg	1/87
d	BT306m	700.mg	6.89gm	51/90	99.8mg	58/90	299.mg	60/89	599.mg	69/87
e	BT306m	986.mg	n.s.s.	42/90	99.8mg	52/90	299.mg	53/89	599.mg	58/87
6221	TR2	277.mg	1.13gm	1/20	724.mg	26/50	1.45gm	30/50		
a	TR2	288.mg	28.9gm	5/20	724.mg	30/50	1.45gm	33/50		
b	TR2	277.mg	1.13gm	1/20	724.mg	26/50	1.45gm	30/50		liv:hpa,hpc,ndd. lun:a/a,a/c.
c	TR2	1.79gm	n.s.s.	0/20	724.mg	5/50	1.45gm	2/50		
6222	BT306m	2.22gm	59.8gm	1/59	83.2mg	1/31	250.mg	3/38	499.mg	6/37
a	BT306m	12.3gm	n.s.s.	1/85	83.2mg	2/86	250.mg	2/88	499.mg	1/88
b	BT306m	2.17gm	n.s.s.	0/85	83.2mg	0/86	250.mg	0/88	499.mg	0/88
c	BT306m	8.59gm	n.s.s.	9/85	83.2mg	3/86	250.mg	3/88	499.mg	7/88
d	BT306m	7.93gm	n.s.s.	11/85	83.2mg	4/86	250.mg	5/88	499.mg	8/88
6223	BT306n	1.34gm	n.s.s.	17/77	94.9mg	19/47	285.mg	27/67	569.mg	21/63
a	BT306n	6.47gm	n.s.s.	1/77	94.9mg	1/47	285.mg	3/67	569.mg	1/63
b	BT306n	7.94gm	n.s.s.	12/90	94.9mg	6/89	285.mg	7/90	569.mg	7/90
c	BT306n	3.14gm	n.s.s.	40/90	94.9mg	27/89	285.mg	34/90	569.mg	31/90
d	BT306n	994.mg	n.s.s.	51/90	94.9mg	30/89	285.mg	46/90	(569.mg)	36/90
6224	1011	6.73mg	n.s.s.	0/30	2.86mg	1/30				Van Duuren;jnci,63,1433-1439;1979
6225	1011	4.16mg	n.s.s.	0/30	2.38mg	2/30				
6226	1626	1.26gm	n.s.s.	6/49	95.8mg	5/50	287.mg	13/50	862.mg	11/46
										Fukuda;indh,21,243-254;1983

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	1626	1.46gm	n.s.s.	1/49	95.8mg	3/50	287.mg	8/50	862.mg	7/46		
b	1626	6.90gm	n.s.s.	0/49	95.8mg	0/50	287.mg	0/50	862.mg	1/46		
c	1626	704.mg	n.s.s.	18/49	95.8mg	18/50	287.mg	27/50	862.mg	24/46		
6227	1010m	339.mg	n.s.s.	9/29	102.mg	17/30	509.mg	18/28			Henschler;artx,43,237-248;1980/pers.comm.	
a	1010m	809.mg	n.s.s.	0/29	102.mg	0/30	509.mg	0/28				
b	1010m	3.80gm	n.s.s.	3/29	102.mg	0/30	509.mg	1/28				
c	1010m	3.63gm	n.s.s.	1/29	102.mg	3/30	509.mg	0/28				
d	1010m	230.mg	n.s.s.	13/29	102.mg	22/30	509.mg	22/28				
e	1010m	2.03gm	n.s.s.	6/29	102.mg	1/30	509.mg	4/28				
6228	1010m	663.mg	n.s.s.	1/30	84.8mg	0/29	424.mg	0/30				
a	1010m	663.mg	n.s.s.	1/30	84.8mg	0/29	424.mg	0/30				
b	1010m	1.33gm	n.s.s.	7/30	84.8mg	7/29	424.mg	6/30				
c	1010m	2.25gm	n.s.s.	1/30	84.8mg	3/29	424.mg	1/30				
d	1010m	3.19gm	n.s.s.	5/30	84.8mg	3/29	424.mg	1/30				
e	1010m	3.49gm	n.s.s.	1/30	84.8mg	2/29	424.mg	0/30				
f	1010m	1.12gm	n.s.s.	11/30	84.8mg	10/29	424.mg	9/30				
g	1010m	2.37gm	n.s.s.	8/30	84.8mg	6/29	424.mg	3/30				
6229	BT305	4.57gm	n.s.s.	15/88	106.mg	12/89	318.mg	12/88	636.mg	16/88		Maltoni;aric,5,1-393;1986
a	BT305	19.8gm	n.s.s.	0/84	106.mg	0/89	318.mg	0/86	636.mg	1/86		
b	BT305	1.70gm	n.s.s.	54/90	106.mg	43/89	318.mg	46/90	636.mg	54/89		
c	BT305	2.32gm	n.s.s.	36/90	106.mg	27/89	318.mg	30/90	636.mg	38/89		
6230	BT305	1.98gm	22.7gm	4/66	88.4mg	2/53	265.mg	8/59	530.mg	13/61		
a	BT305	3.02gm	n.s.s.	10/78	88.4mg	5/73	265.mg	12/78	530.mg	12/74		
b	BT305	2.45gm	n.s.s.	10/88	88.4mg	13/89	265.mg	15/89	530.mg	19/90		
c	BT305	2.23gm	n.s.s.	23/88	88.4mg	17/89	265.mg	27/89	530.mg	26/90		
6231	TR2	302.mg	n.s.s.	7/20	242.mg	12/50	484.mg	12/50				
a	TR2	n.s.s.	n.s.s.	0/20	242.mg	0/50	484.mg	0/50				
b	TR2	n.s.s.	n.s.s.	0/20	242.mg	0/50	484.mg	0/50				
c	TR2	n.s.s.	n.s.s.	0/20	242.mg	0/50	484.mg	0/50				liv:hpa,hpc,nnd.
6232	TR2	1.18gm	n.s.s.	0/20	242.mg	1/50	484.mg	0/50				
a	TR2	305.mg	n.s.s.	5/20	242.mg	7/50	484.mg	5/50				liv:hpa,hpc,nnd.
b	TR2	n.s.s.	n.s.s.	0/20	242.mg	0/50	484.mg	0/50				
6233	1626	320.mg	n.s.s.	6/50	22.8mg	12/50	68.4mg	10/47	205.mg	14/51		Fukuda;indh,21,243-254;1983
a	1626	1.74gm	n.s.s.	0/50	22.8mg	0/50	68.4mg	0/47	205.mg	1/51		
b	1626	1.40gm	n.s.s.	0/50	22.8mg	1/50	68.4mg	0/47	205.mg	1/51		
c	1626	288.mg	n.s.s.	32/50	22.8mg	39/50	68.4mg	31/47	205.mg	32/51		
6234	BT301	98.3mg	n.s.s.	16/30	11.9mg	22/30	59.7mg	16/29				Maltoni;aric,5,1-393;1986
a	BT301	106.mg	n.s.s.	0/30	11.9mg	0/29	59.7mg	0/26				
b	BT301	109.mg	n.s.s.	1/30	11.9mg	0/30	59.7mg	0/26				
c	BT301	111.mg	n.s.s.	0/30	11.9mg	0/30	59.7mg	0/29				
d	BT301	98.1mg	n.s.s.	18/30	11.9mg	23/30	59.7mg	17/29				
e	BT301	297.mg	n.s.s.	7/30	11.9mg	4/30	59.7mg	4/29				
6235	BT304m	1.30gm	n.s.s.	0/17	30.7mg	0/4	92.1mg	0/26	184.mg	1/14		
a	BT304m	5.46gm	n.s.s.	0/101	30.7mg	1/89	92.1mg	0/88	184.mg	1/88		
b	BT304m	7.03gm	n.s.s.	0/101	30.7mg	0/89	92.1mg	0/88	184.mg	1/88		
c	BT304m	3.56gm	n.s.s.	7/105	30.7mg	6/90	92.1mg	0/90	184.mg	7/90		
d	BT304m	6.53gm	n.s.s.	0/81	30.7mg	1/63	92.1mg	0/63	184.mg	0/70		
e	BT304m	406.mg	n.s.s.	84/105	30.7mg	60/90	92.1mg	72/90	184.mg	69/90		
f	BT304m	1.10gm	n.s.s.	38/105	30.7mg	17/90	92.1mg	21/90	184.mg	32/90		
6236	BT304n	1.01gm	n.s.s.	0/40	30.7mg	3/40	92.1mg	2/40	184.mg	4/40		
a	BT304n	2.38gm	n.s.s.	0/40	30.7mg	0/40	92.1mg	0/40	184.mg	2/40		
b	BT304n	384.mg	n.s.s.	0/38	30.7mg	0/39	92.1mg	0/39	184.mg	0/39		
c	BT304n	269.mg	n.s.s.	0/28	30.7mg	0/26	92.1mg	0/31	184.mg	0/29		
d	BT304n	532.mg	n.s.s.	9/40	30.7mg	12/40	92.1mg	8/40	184.mg	16/40		
e	BT304n	312.mg	n.s.s.	35/40	30.7mg	28/40	92.1mg	26/40	184.mg	33/40		
6237	BT301	162.mg	n.s.s.	0/25	11.9mg	2/28	59.7mg	3/25				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	BT301	87.1mg	n.s.s.	0/22	11.9mg	0/24	59.7mg	0/21			
b	BT301	108.mg	n.s.s.	0/28	11.9mg	0/29	59.7mg	0/30			
c	BT301	363.mg	n.s.s.	1/28	11.9mg	4/29	59.7mg	1/30			
d	BT301	177.mg	n.s.s.	1/28	11.9mg	4/29	59.7mg	4/30			
e	BT301	191.mg	n.s.s.	7/28	11.9mg	8/29	59.7mg	7/30			
6238	BT304m	336.mg	1.44gm	5/81	21.5mg	11/73	64.5mg	24/71	129.mg	22/76	
a	BT304m	2.87gm	n.s.s.	0/87	21.5mg	0/86	64.5mg	0/80	129.mg	3/85	
b	BT304m	1.17gm	n.s.s.	6/95	21.5mg	10/90	64.5mg	11/90	129.mg	9/89	
c	BT304m	3.65gm	n.s.s.	0/87	21.5mg	1/86	64.5mg	0/80	129.mg	1/85	
d	BT304m	4.99gm	n.s.s.	0/95	21.5mg	0/90	64.5mg	0/90	129.mg	1/89	
e	BT304m	40.5mg	n.s.s.	1/22	21.5mg	0/5	64.5mg	0/9	129.mg	0/9	
f	BT304m	4.36gm	n.s.s.	1/71	21.5mg	0/62	64.5mg	1/63	129.mg	0/62	
g	BT304m	329.mg	n.s.s.	69/95	21.5mg	54/90	64.5mg	55/90	129.mg	65/89	
h	BT304m	789.mg	n.s.s.	31/95	21.5mg	25/90	64.5mg	26/90	129.mg	29/89	
6239	BT304n	56.2mg	348.mg	0/36	21.5mg	9/36	(64.5mg	7/39	129.mg	10/39)	
a	BT304n	375.mg	n.s.s.	1/33	21.5mg	5/32	64.5mg	6/36	129.mg	9/37	
b	BT304n	755.mg	n.s.s.	3/39	21.5mg	3/40	64.5mg	3/40	129.mg	6/40	
c	BT304n	2.01gm	n.s.s.	0/33	21.5mg	0/32	64.5mg	0/36	129.mg	1/37	
d	BT304n	2.59gm	n.s.s.	1/28	21.5mg	1/23	64.5mg	0/27	129.mg	0/32	
e	BT304n	154.mg	n.s.s.	21/39	21.5mg	26/40	64.5mg	27/40	129.mg	29/40	
f	BT304n	466.mg	n.s.s.	8/39	21.5mg	11/40	64.5mg	7/40	129.mg	13/40	
6240	1010m	896.mg	n.s.s.	0/28	20.1mg	0/30	101.mg	1/30			Henschler;artx,43,237-248;1980/pers.comm.
a	1010m	1.06gm	n.s.s.	0/28	20.1mg	1/30	101.mg	0/30			
b	1010m	448.mg	n.s.s.	2/28	20.1mg	2/30	101.mg	4/30			
c	1010m	277.mg	n.s.s.	16/28	20.1mg	12/30	101.mg	14/30			
6241	1010m	627.mg	n.s.s.	0/29	14.1mg	0/30	70.4mg	1/30			
a	1010m	502.mg	n.s.s.	2/29	14.1mg	1/30	70.4mg	2/30			
b	1010m	738.mg	n.s.s.	0/29	14.1mg	1/30	70.4mg	0/30			
c	1010m	141.mg	n.s.s.	4/29	14.1mg	5/30	70.4mg	11/30			
d	1010m	385.mg	n.s.s.	7/29	14.1mg	2/30	70.4mg	5/30			
TRICHLOROETHYLENE (WITHOUT EPICHLOROHYDRIN) (TCE) 79-01-6											
6242	TR243	215.mg	1.10gm	6/50	704.mg	22/50					liv:hpa,hpc.
a	TR243	283.mg	1.89gm	4/50	704.mg	16/50					
b	TR243	314.mg	2.22gm	2/50	704.mg	13/50					
c	TR243	877.mg	81.4gm	0/50	704.mg	4/50					S
d	TR243	538.mg	n.s.s.	7/50	704.mg	14/50			liv:mlh; mul:mlh,mlm,mlp,mlu,mno,myo; spl:mno.		S
e	TR243	558.mg	n.s.s.	7/50	704.mg	13/50			liv:mlh; mul:mlh,mlm,mlp,mlu,mno; spl:mno.		S
f	TR243	1.48gm	n.s.s.	0/50	704.mg	3/50					S
g	TR243	187.mg	1.19gm	21/50	704.mg	38/50					
h	TR243	215.mg	1.10gm	6/50	704.mg	22/50					liv:hpa,hpc,nnd.
i	TR243	1.04gm	n.s.s.	1/50	704.mg	4/50					lun:a/a,a/c.
6243	TR243	134.mg	539.mg	14/50	701.mg	39/50					liv:hpa,hpc. S
a	TR243	163.mg	672.mg	8/50	701.mg	31/50					
b	TR243	365.mg	11.6gm	7/50	701.mg	14/50					S
c	TR243	1.29gm	n.s.s.	0/50	701.mg	4/50					hag: adn, ana, ppa. S
d	TR243	165.mg	1.55gm	33/50	701.mg	45/50					
e	TR243	134.mg	539.mg	14/50	701.mg	39/50					liv:hpa,hpc,nnd.
f	TR243	744.mg	n.s.s.	7/50	701.mg	6/50					lun:a/a,a/c.
6244	2071	4.83mg	n.s.s.	0/22	6.67mg	3/32					Herren-Freund;txap,90,183-189;1987
a	2071	6.06mg	n.s.s.	2/22	6.67mg	3/32					
6245	TR243	486.mg	n.s.s.	38/50	354.mg	31/50	714.mg	30/50			
a	TR243	3.74gm	n.s.s.	0/50	354.mg	0/50	714.mg	1/50			
b	TR243	n.s.s.	n.s.s.	0/50	354.mg	0/50	714.mg	0/50			
c	TR243	2.46gm	n.s.s.	0/50	354.mg	1/50	714.mg	1/50			liv:hpa,hpc,nnd.
6246	TR273	1.29gm	n.s.s.	0/50	349.mg	3/50	707.mg	1/50			kid: acn, tla, uac.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	TR273	1.90gm	n.s.s.	0/50	349.mg	1/50	707.mg	1/50		kid:acn,uac.
b	TR273	461.mg	n.s.s.	33/50	349.mg	21/50	707.mg	18/50		
c	TR273	4.26gm	n.s.s.	2/50	349.mg	0/50	707.mg	0/50	liv:hpa,hpc,nnd.	
6247	TR273	604.mg	n.s.s.	1/50	354.mg	4/50	(707.mg)	0/50)		kid:tla,uac.
a	TR273	2.32gm	n.s.s.	0/50	354.mg	2/50	707.mg	0/50		
b	TR273	660.mg	n.s.s.	43/50	354.mg	35/50	707.mg	29/50		
c	TR273	5.95gm	n.s.s.	2/50	354.mg	0/50	707.mg	0/50	liv:hpa,hpc,nnd.	
6248	TR273	1.01gm	n.s.s.	0/50	354.mg	1/50	707.mg	1/50		
a	TR273	934.mg	n.s.s.	1/50	354.mg	2/50	707.mg	1/50		kid:tla,uac.
b	TR273	196.mg	n.s.s.	47/50	354.mg	32/50	707.mg	22/50		
c	TR273	n.s.s.	n.s.s.	0/50	354.mg	0/50	707.mg	0/50	liv:hpa,hpc,nnd.	
6249	TR273	217.mg	n.s.s.	16/50	354.mg	13/50	711.mg	19/50		S
a	TR273	1.74gm	n.s.s.	0/50	354.mg	0/50	711.mg	1/50		
b	TR273	n.s.s.	n.s.s.	0/50	354.mg	0/50	711.mg	0/50		
c	TR273	143.mg	n.s.s.	40/50	354.mg	36/50	711.mg	37/50		
d	TR273	839.mg	n.s.s.	0/50	354.mg	0/50	711.mg	2/50	liv:hpa,hpc,nnd.	
6250	TR243	1.03gm	116.gm	0/50	357.mg	2/50	714.mg	3/50		kid:tla,uac. S
a	TR243	497.mg	n.s.s.	1/50	357.mg	5/50	(714.mg)	1/50)		per:men,msm. S
b	TR243	497.mg	n.s.s.	1/50	357.mg	5/50	(714.mg)	0/50)		S
c	TR243	1.19gm	n.s.s.	0/50	357.mg	0/50	714.mg	3/50		S
d	TR243	392.mg	n.s.s.	33/50	357.mg	26/50	714.mg	18/50		
e	TR243	1.99gm	n.s.s.	0/50	357.mg	0/50	714.mg	1/50	liv:hpa,hpc,nnd.	
6251	TR273	1.95gm	n.s.s.	0/50	354.mg	1/50	707.mg	0/50		
a	TR273	198.mg	n.s.s.	44/50	354.mg	27/50	707.mg	17/50		
b	TR273	1.47gm	n.s.s.	1/50	354.mg	1/50	707.mg	1/50	liv:hpa,hpc,nnd.	
6252	TR273	1.24gm	n.s.s.	0/50	354.mg	1/50	707.mg	3/50		sub:spm,srn. S
a	TR273	1.14gm	n.s.s.	0/50	354.mg	2/50	707.mg	1/50		kid:tla,uac.
b	TR273	1.76gm	n.s.s.	0/50	354.mg	1/50	707.mg	0/50		
c	TR273	347.mg	n.s.s.	45/50	354.mg	32/50	707.mg	27/50		
d	TR273	1.55gm	n.s.s.	0/50	354.mg	1/50	707.mg	1/50	liv:hpa,hpc,nnd.	
6253	TR273	90.6mg	316.mg	17/50	354.mg	21/50	707.mg	32/50		tes:ict,itm. S
a	TR273	1.26gm	n.s.s.	0/50	354.mg	1/50	707.mg	1/50		kid:tla,uac.
b	TR273	1.07gm	n.s.s.	0/50	354.mg	0/50	707.mg	1/50		
c	TR273	1.30gm	n.s.s.	0/50	354.mg	0/50	707.mg	1/50		
d	TR273	101.mg	906.mg	38/50	354.mg	23/50	707.mg	32/50		
e	TR273	n.s.s.	n.s.s.	0/50	354.mg	0/50	707.mg	0/50	liv:hpa,hpc,nnd.	
6254	TR273	253.mg	3.23gm	0/50	354.mg	6/50	(707.mg)	1/50)		S
a	TR273	253.mg	3.23gm	0/50	354.mg	6/50	(707.mg)	2/50)		kid:tla,uac. S
b	TR273	257.mg	n.s.s.	37/50	354.mg	35/50	707.mg	29/50		
c	TR273	1.46gm	n.s.s.	1/50	354.mg	0/50	707.mg	2/50	liv:hpa,hpc,nnd.	
TRICHLOROFLUOROMETHANE (CFC 11, fluorocarbon 11) 75-69-4										
6255	TR106	2.49gm	n.s.s.	3/20	1.20gm	11/50	2.40gm	9/50		
a	TR106	5.59gm	n.s.s.	1/20	1.20gm	4/50	2.40gm	2/50	liv:hpa,hpc,nnd.	
b	TR106	9.23gm	n.s.s.	1/20	1.20gm	0/50	2.40gm	2/50		lun:a/a,a/c.
6256	TR106	1.14gm	n.s.s.	7/20	1.20gm	22/50	2.40gm	16/49		
a	TR106	1.54gm	n.s.s.	5/20	1.20gm	15/50	2.40gm	10/49	liv:hpa,hpc,nnd.	
b	TR106	10.3gm	n.s.s.	2/20	1.20gm	0/50	2.40gm	1/49		lun:a/a,a/c.
6257	BT604m	12.6gm	4.71kg	1/90	883.mg	2/60	4.42gm	6/60	Maltoni;anya,534,261-282;1988	
a	BT604m	8.28gm	n.s.s.	8/90	883.mg	10/60	4.42gm	12/60		
b	BT604m	12.1gm	n.s.s.	2/90	883.mg	4/60	4.42gm	6/60		
c	BT604m	4.82gm	n.s.s.	15/90	883.mg	20/60	4.42gm	22/60		
d	BT604m	6.27gm	n.s.s.	9/90	883.mg	12/60	4.42gm	16/60		
6258	BT604m	9.10gm	n.s.s.	3/90	736.mg	0/60				
a	BT604m	2.11gm	n.s.s.	5/90	736.mg	7/60				
b	BT604m	2.23gm	n.s.s.	9/90	736.mg	8/60				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
6259	BT604n	32.9gm	n.s.s.	4/90	3.68gm	1/60					
a	BT604n	30.7gm	n.s.s.	9/90	3.68gm	2/60					
b	BT604n	35.1gm	n.s.s.	6/90	3.68gm	1/60					
6260	TR106	91.0mg	n.s.s.	7/20	270.mg	4/50	540.mg	7/50			
a	TR106	n.s.s.	n.s.s.	0/20	270.mg	0/50	540.mg	0/50		liv:hpa,hpc,nnd.	
6261	TR106	117.mg	n.s.s.	5/20	257.mg	4/50	490.mg	1/50			
a	TR106	n.s.s.	n.s.s.	0/20	257.mg	0/50	490.mg	0/50		liv:hpa,hpc,nnd.	
6262	BT603	20.8gm	n.s.s.	1/150	280.mg	2/90	1.40gm	0/90		Maltoni;anya,534,261-282;1988	
a	BT603	1.77gm	n.s.s.	124/150	280.mg	65/90	1.40gm	70/90			
b	BT603	9.88gm	n.s.s.	43/150	280.mg	23/90	1.40gm	15/90			
6263	BT603	3.03gm	n.s.s.	1/150	196.mg	0/90	981.mg	0/90			
a	BT603	252.mg	n.s.s.	51/150	196.mg	42/90	(981.mg)	25/90			
b	BT603	6.05gm	n.s.s.	25/150	196.mg	16/90	981.mg	11/90			
N- (TRICHLOROMETHYLTHIO) PHTHALIMIDE (folpet) 133-07-3											
6264	1239	138.mg	n.s.s.	0/17	83.8mg	0/15				Innes;ntis,1968/1969	
a	1239	138.mg	n.s.s.	1/17	83.8mg	0/15					
b	1239	89.8mg	n.s.s.	2/17	83.8mg	1/15					
6265	1239	86.4mg	n.s.s.	1/18	78.0mg	1/17					
a	1239	95.9mg	n.s.s.	2/18	78.0mg	1/17					
b	1239	75.1mg	n.s.s.	3/18	78.0mg	2/17					
6266	1239	166.mg	n.s.s.	0/16	83.8mg	0/18					
a	1239	166.mg	n.s.s.	0/16	83.8mg	0/18					
b	1239	63.9mg	n.s.s.	0/16	83.8mg	2/18					
6267	2175	1.05gm	3.11gm	1/51	130.mg	2/52	494.mg	10/52	989.mg	19/52	Nyska;gann,81,545-549;1990/pers.comm.
a	2175	1.28gm	3.73gm	0/51	130.mg	1/52	494.mg	5/52	989.mg	18/52	
b	2175	950.mg	n.s.s.	16/51	130.mg	16/52	494.mg	19/52	989.mg	26/52	
c	2175	2.49gm	n.s.s.	2/51	130.mg	1/52	494.mg	5/52	989.mg	7/52	
d	2175	2.45gm	n.s.s.	2/51	130.mg	2/52	494.mg	5/52	989.mg	7/52	
e	2175	5.71gm	n.s.s.	0/51	130.mg	0/52	494.mg	1/52	989.mg	2/52	
f	2175	4.30gm	n.s.s.	1/51	130.mg	1/52	494.mg	5/52	989.mg	1/52	
g	2175	9.76gm	n.s.s.	3/51	130.mg	2/52	494.mg	1/52	989.mg	1/52	
h	2175	12.1gm	n.s.s.	0/51	130.mg	1/52	494.mg	0/52	989.mg	0/52	
6268	1239	47.2mg	n.s.s.	0/16	78.0mg	3/18				Innes;ntis,1968/1969	
a	1239	59.5mg	n.s.s.	0/16	78.0mg	2/18					
b	1239	33.1mg	1.92gm	0/16	78.0mg	5/18					
6269	2175	625.mg	1.36gm	0/52	120.mg	4/52	456.mg	17/52	913.mg	25/52	Nyska;gann,81,545-549;1990/pers.comm.
a	2175	675.mg	1.50gm	0/52	120.mg	3/52	456.mg	17/52	913.mg	23/52	
b	2175	2.35gm	n.s.s.	0/52	120.mg	2/52	456.mg	6/52	913.mg	3/52	
c	2175	4.52gm	n.s.s.	0/52	120.mg	0/52	456.mg	3/52	913.mg	1/52	
d	2175	3.36gm	n.s.s.	0/52	120.mg	2/52	456.mg	3/52	913.mg	2/52	
e	2175	5.36gm	n.s.s.	0/52	120.mg	1/52	456.mg	0/52	913.mg	2/52	
f	2175	1.83gm	n.s.s.	20/52	120.mg	13/52	456.mg	11/52	(913.mg)	8/52	
g	2175	2.56gm	n.s.s.	11/52	120.mg	4/52	456.mg	5/52	(913.mg)	3/52	
6270	2133m	1.68gm	3.52gm	0/104	130.mg	1/80	650.mg	8/80	1.56gm	41/80	Quest;rtp,17,19-34;1993/pers.comm.
a	2133m	2.18gm	5.34gm	0/88	130.mg	0/63	650.mg	5/67	1.56gm	29/74	
b	2133m	4.13gm	15.3gm	0/88	130.mg	1/63	650.mg	3/67	1.56gm	13/74	
c	2133m	14.0gm	n.s.s.	1/102	130.mg	4/79	650.mg	5/79	1.56gm	1/80	
6271	2133m	1.54gm	3.28gm	1/104	120.mg	2/80	600.mg	8/80	1.44gm	41/80	
a	2133m	1.65gm	3.69gm	0/87	120.mg	1/61	600.mg	7/67	1.44gm	34/75	
b	2133m	5.02gm	38.3gm	1/87	120.mg	1/61	600.mg	2/67	1.44gm	10/75	
c	2133m	6.05gm	178.gm	1/103	120.mg	1/79	600.mg	5/80	1.44gm	6/78	
6272	2133m	1.22gm	n.s.s.	4/60	10.0mg	4/60	40.0mg	3/60	160.mg	2/60	
a	2133m	1.48gm	n.s.s.	1/60	10.0mg	1/60	40.0mg	3/60	160.mg	0/60	
b	2133m	1.49gm	n.s.s.	3/60	10.0mg	5/60	40.0mg	3/60	160.mg	1/60	
6273	2133m	303.mg	n.s.s.	1/60	8.00mg	5/60	32.0mg	4/60	128.mg	8/60	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	2133m	436.mg	n.s.s.	1/60	8.00mg	9/60	32.0mg	4/60	128.mg	6/60	
b	2133m	893.mg	n.s.s.	0/60	8.00mg	8/60	32.0mg	2/60	128.mg	2/60	
6274	2133n	409.mg	n.s.s.	0/55	25.0mg	2/58	50.0mg	2/57	100.mg	3/56	
6275	2133n	407.mg	n.s.s.	0/57	20.0mg	1/56	40.0mg	2/57	80.0mg	2/57	
2,4,6-TRICHLOROPHENOL (dowicide-2S) 88-06-2											
6276	TR155	874.mg	4.56gm	1/20	678.mg	12/50	1.36gm	24/50			liv:hpa,hpc.
a	TR155	686.mg	n.s.s.	6/20	678.mg	30/50	1.36gm	33/50			
b	TR155	874.mg	4.56gm	1/20	678.mg	12/50	1.36gm	24/50			liv:hpa,hpc,nnd.
c	TR155	4.39gm	n.s.s.	1/20	678.mg	4/50	1.36gm	3/50			lun:a/a,a/c.
6277	292	27.8mg	n.s.s.	0/16	36.4mg	2/18					Innes;ntis,1968/1969
a	292	27.8mg	n.s.s.	0/16	36.4mg	2/18					
b	292	11.5mg	110.mg	0/16	36.4mg	7/18					
6278	TR155	457.mg	66.3gm	4/20	600.mg	32/50	1.20gm	39/50			liv:hpa,hpc.
a	TR155	708.mg	n.s.s.	14/20	600.mg	42/50	1.20gm	42/50			
b	TR155	457.mg	66.3gm	4/20	600.mg	32/50	1.20gm	39/50			liv:hpa,hpc,nnd.
c	TR155	2.89gm	n.s.s.	3/20	600.mg	13/50	1.20gm	7/50			lun:a/a,a/c.
6279	292	20.5mg	n.s.s.	0/16	33.9mg	3/18					Innes;ntis,1968/1969
a	292	25.9mg	n.s.s.	0/16	33.9mg	2/18					
b	292	8.25mg	51.6mg	0/16	33.9mg	9/18					
6280	292	35.8mg	n.s.s.	0/17	36.4mg	1/17					
a	292	68.1mg	n.s.s.	1/17	36.4mg	0/17					
b	292	32.0mg	n.s.s.	2/17	36.4mg	2/17					
6281	292	29.5mg	n.s.s.	2/18	33.9mg	2/17					
a	292	37.6mg	n.s.s.	1/18	33.9mg	1/17					
b	292	24.7mg	n.s.s.	3/18	33.9mg	3/17					
6282	TR155	301.mg	n.s.s.	16/20	250.mg	32/50	(500.mg	27/50)			
a	TR155	n.s.s.	n.s.s.	0/20	250.mg	0/50	500.mg	0/50			liv:hpa,hpc,nnd.
6283	TR155	222.mg	8.89gm	3/20	200.mg	23/50	400.mg	28/50			
a	TR155	227.mg	n.s.s.	4/20	200.mg	25/50	400.mg	29/50			---:leu,lym.
b	TR155	227.mg	n.s.s.	4/20	200.mg	25/50	400.mg	29/50			---:leu,lym,mle. C
c	TR155	229.mg	n.s.s.	16/20	200.mg	40/50	400.mg	41/50			
d	TR155	3.93gm	n.s.s.	1/20	200.mg	1/50	400.mg	0/50			liv:hpa,hpc,nnd.
2-(2,4,5-TRICHLOROPHENOXY) PROPIONIC ACID 93-72-1											
6284	1234	29.8mg	n.s.s.	0/17	16.9mg	0/16					Innes;ntis,1968/1969
a	1234	29.8mg	n.s.s.	1/17	16.9mg	0/16					
b	1234	19.6mg	n.s.s.	2/17	16.9mg	1/16					
6285	1234	20.7mg	n.s.s.	2/18	15.8mg	1/18					
a	1234	31.2mg	n.s.s.	1/18	15.8mg	0/18					
b	1234	22.1mg	n.s.s.	3/18	15.8mg	1/18					
6286	1234	33.5mg	n.s.s.	0/16	16.9mg	0/18					
a	1234	33.5mg	n.s.s.	0/16	16.9mg	0/18					
b	1234	12.9mg	n.s.s.	0/16	16.9mg	2/18					
6287	1234	6.24mg	224.mg	0/16	15.8mg	5/17					
a	1234	15.5mg	n.s.s.	0/16	15.8mg	1/17					
b	1234	4.03mg	28.9mg	0/16	15.8mg	8/17					
2,4,5-TRICHLOROPHENOXYACETIC ACID (2,4,5-T) 93-76-5											
6288	1233	16.5mg	n.s.s.	0/17	8.34mg	0/18					Innes;ntis,1968/1969
a	1233	16.5mg	n.s.s.	1/17	8.34mg	0/18					
b	1233	7.87mg	n.s.s.	2/17	8.34mg	2/18					
6289	1233	9.17mg	n.s.s.	1/18	7.76mg	1/18					
a	1233	15.4mg	n.s.s.	2/18	7.76mg	0/18					
b	1233	6.10mg	n.s.s.	3/18	7.76mg	3/18					
6290	1233	8.69mg	n.s.s.	0/16	8.34mg	1/18					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	1233	16.5mg	n.s.s.	0/16	8.34mg	0/18					
b	1233	8.69mg	n.s.s.	0/16	8.34mg	1/18					
6291	1233	3.89mg	n.s.s.	0/16	7.76mg	4/18					
a	1233	8.09mg	n.s.s.	0/16	7.76mg	1/18					
b	1233	2.83mg	42.8mg	0/16	7.76mg	6/18					
6292	2038	43.3mg	n.s.s.	0/10	30.0mg	0/10				Mirvish;jtxe,32,59-74;1991/pers.comm.	
a	2038	43.3mg	n.s.s.	0/10	30.0mg	0/10					
6293	2038	17.3mg	n.s.s.	0/5	24.0mg	0/5					
a	2038	17.3mg	n.s.s.	0/5	24.0mg	0/5					
6294	1353	87.9mg	n.s.s.	3/86	3.00mg	10/50	10.0mg	2/50	30.0mg	6/50	Kociba;fctx,17,205-221;1979
a	1353	208. mg	n.s.s.	4/86	3.00mg	2/50	10.0mg	3/50	30.0mg	1/50	
b	1353	2.34mg	n.s.s.	83/86	3.00mg	48/50	10.0mg	48/50	30.0mg	50/50	
6295	1353	279. mg	n.s.s.	3/86	3.00mg	1/50	10.0mg	0/50	30.0mg	1/50	
a	1353	17.5mg	n.s.s.	76/86	3.00mg	44/50	10.0mg	40/50	30.0mg	44/50	
TRICHLOROPHONE 52-68-6											
6296	2386	13.1mg	n.s.s.	0/36	4.29mg	1/28					Stieglitz;ahae,52,70-76;1974/Gibel 1973/Gibel 1975
a	2386	1.51mg	6.37mg	3/36	4.29mg	19/28					
b	2386	4.39mg	35.0mg	0/36	4.29mg	7/28					
1,2,3-TRICHLOROPROPANE 96-18-4											
6297	TR384	.547mg	1.29mg	9/50	4.26mg	48/50	14.3mg	50/51	42.9mg	54/55	for:sqc,scp; hag:ade,anb; liv:hpa,hpc; pal:sqc; phr:sqc; ute:ead,edc,esp. C
a	TR384	.551mg	1.26mg	0/50	4.26mg	48/50	14.3mg	50/51	42.9mg	54/55	for:sqc,scp.
b	TR384	.649mg	1.46mg	0/50	4.26mg	46/50	14.3mg	49/51	42.9mg	49/55	
c	TR384	.972mg	2.90mg	0/50	4.26mg	23/50	14.3mg	18/51	42.9mg	29/55	
d	TR384	1.60mg	5.95mg	7/50	4.26mg	11/50	14.3mg	8/51	42.9mg	31/55	liv:hpa,hpc.
e	TR384	1.77mg	6.82mg	6/50	4.26mg	9/50	14.3mg	8/51	42.9mg	31/55	
f	TR384	2.81mg	18.0mg	0/50	4.26mg	5/50	14.3mg	3/51	42.9mg	9/55	ute:ead,edc.
g	TR384	3.10mg	18.1mg	2/50	4.26mg	6/50	14.3mg	7/51	42.9mg	10/55	hag:ade,anb.
h	TR384	2.54mg	63.7mg	15/50	4.26mg	6/50	14.3mg	3/51	42.9mg	3/55	---:mlh,mlm,mlp,mlu. S
i	TR384	3.36mg	25.0mg	0/50	4.26mg	4/50	14.3mg	3/51	42.9mg	6/55	
j	TR384	2.80mg	193. mg	17/50	4.26mg	7/50	14.3mg	3/51	42.9mg	3/55	---:hcs,mlh,mlm,mlp,mlu. S
k	TR384	4.56mg	68.9mg	7/50	4.26mg	3/50	14.3mg	0/51	42.9mg	10/55	lun:a/a,a/c. S
l	TR384	4.46mg	71.5mg	4/50	4.26mg	3/50	14.3mg	0/51	42.9mg	10/55	S
m	TR384	5.82mg	148. mg	0/50	4.26mg	2/50	14.3mg	1/51	42.9mg	6/55	
n	TR384	6.25mg	6.07gm	1/50	4.26mg	3/50	14.3mg	0/51	42.9mg	2/55	S
o	TR384	6.33mg	522. mg	0/50	4.26mg	1/50	14.3mg	0/51	42.9mg	3/55	
p	TR384	8.63mg	323. mg	1/50	4.26mg	0/50	14.3mg	2/51	42.9mg	5/55	pal:sqc,scp; phr:sqc; ton:scp. S
q	TR384	50.7mg	600. mg	0/50	4.26mg	0/50	14.3mg	1/51	42.9mg	5/55	pal:sqc; phr:sqc.
r	TR384	.537mg	1.27mg	36/50	4.26mg	48/50	14.3mg	50/51	42.9mg	55/55	
s	TR384	1.60mg	5.95mg	7/50	4.26mg	11/50	14.3mg	8/51	42.9mg	31/55	liv:hpa,hpb,hpc.
t	TR384	4.56mg	68.9mg	7/50	4.26mg	3/50	14.3mg	0/51	42.9mg	10/55	lun:a/a,a/c.
6298	TR384	.626mg	1.39mg	3/52	4.24mg	50/52	14.3mg	53/54	42.8mg	55/56	for:sqc,scp.
a	TR384	.686mg	1.55mg	15/52	4.24mg	50/52	14.3mg	53/54	42.8mg	55/56	for:sqc,scp; hag:ade; liv:hpa,hpc. C
b	TR384	.910mg	1.98mg	0/52	4.24mg	40/52	14.3mg	50/54	42.8mg	51/56	
c	TR384	1.01mg	2.71mg	3/52	4.24mg	28/52	14.3mg	22/54	42.8mg	33/56	
d	TR384	1.31mg	3.64mg	13/52	4.24mg	24/52	14.3mg	24/54	42.8mg	31/56	liv:hpa,hpc.
e	TR384	1.67mg	5.26mg	11/52	4.24mg	18/52	14.3mg	21/54	42.8mg	29/56	
f	TR384	2.93mg	19.9mg	4/52	4.24mg	11/52	14.3mg	5/54	42.8mg	3/56	S
g	TR384	3.57mg	49.7mg	8/52	4.24mg	11/52	14.3mg	5/54	42.8mg	6/56	lun:a/a,a/c. S
h	TR384	3.85mg	87.3mg	7/52	4.24mg	11/52	14.3mg	3/54	42.8mg	6/56	S
i	TR384	6.13mg	30.8mg	1/52	4.24mg	2/52	14.3mg	10/54	42.8mg	11/56	
j	TR384	103. mg	n.s.s.	0/52	4.24mg	0/52	14.3mg	0/54	42.8mg	2/56	
k	TR384	.703mg	1.67mg	29/52	4.24mg	50/52	14.3mg	54/54	42.8mg	56/56	
l	TR384	1.31mg	3.64mg	13/52	4.24mg	24/52	14.3mg	24/54	42.8mg	31/56	liv:hpa,hpb,hpc.

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
m	TR384	3.57mg	49.7mg	8/52	4.24mg	11/52	14.3mg	5/54	42.8mg	6/56	lun:a/a,a/c.
6299	TR384	.759mg	1.58mg	23/50	2.12mg	38/49	7.05mg	49/52	21.4mg	47/52	cli:ade,anb,car,cnb; for:sqc,scp; mgl:adc,ade, fba; pal:scp; phr:sqc; ton:sqc,scp; zym:car. C
a	TR384	1.14mg	2.43mg	0/50	2.12mg	16/49	7.05mg	37/52	21.4mg	19/52	for:sqc,scp.
b	TR384	1.31mg	2.97mg	0/50	2.12mg	13/49	7.05mg	32/52	21.4mg	17/52	
c	TR384	1.26mg	3.43mg	17/50	2.12mg	26/49	7.05mg	29/52	21.4mg	22/52	mgl:adc,ade,fba.
d	TR384	1.94mg	4.48mg	1/50	2.12mg	6/49	7.05mg	28/52	21.4mg	32/52	pal:scp; phr:sqc; ton:sqc,scp.
e	TR384	1.77mg	10.2mg	16/50	2.12mg	23/49	7.05mg	22/52	21.4mg	1/52	mgl:ade,fba. S
f	TR384	1.79mg	11.3mg	15/50	2.12mg	23/49	7.05mg	20/52	21.4mg	1/52	S
g	TR384	2.12mg	6.90mg	5/50	2.12mg	10/49	7.05mg	17/52	21.4mg	15/52	cli:ade,anb,car,cnb.
h	TR384	2.30mg	8.76mg	5/50	2.12mg	10/49	7.05mg	13/52	21.4mg	10/52	cli:ade,anb.
i	TR384	2.84mg	7.94mg	0/50	2.12mg	3/49	7.05mg	18/52	21.4mg	23/52	ton:sqc,scp. S
j	TR384	3.17mg	8.36mg	0/50	2.12mg	1/49	7.05mg	21/52	21.4mg	21/52	phr:sqc; ton:sqc.
k	TR384	3.21mg	10.0mg	2/50	2.12mg	6/49	7.05mg	14/52	21.4mg	21/52	mgl:adc,ade.
l	TR384	3.38mg	10.9mg	1/50	2.12mg	6/49	7.05mg	12/52	21.4mg	21/52	
m	TR384	3.36mg	11.4mg	1/50	2.12mg	5/49	7.05mg	10/52	21.4mg	18/52	pal:scp; ton:scp.
n	TR384	4.00mg	17.1mg	0/50	2.12mg	3/49	7.05mg	9/52	21.4mg	4/52	
o	TR384	4.89mg	16.3mg	0/50	2.12mg	1/49	7.05mg	10/52	21.4mg	15/52	pal:sqc; phr:sqc. S
p	TR384	4.88mg	19.3mg	0/50	2.12mg	3/49	7.05mg	5/52	21.4mg	16/52	S
q	TR384	5.10mg	20.3mg	0/50	2.12mg	0/49	7.05mg	13/52	21.4mg	7/52	S
r	TR384	7.05mg	106.mg	1/50	2.12mg	2/49	7.05mg	5/52	21.4mg	2/52	S
s	TR384	8.60mg	127.mg	0/50	2.12mg	1/49	7.05mg	3/52	21.4mg	2/52	thy:fca,fcc. S
t	TR384	11.2mg	196.mg	0/50	2.12mg	0/49	7.05mg	3/52	21.4mg	2/52	S
u	TR384	22.5mg	131.mg	0/50	2.12mg	0/49	7.05mg	4/52	21.4mg	6/52	cli:car,cnb.
v	TR384	15.8mg	579.mg	0/50	2.12mg	1/49	7.05mg	0/52	21.4mg	3/52	
w	TR384	18.6mg	925.mg	0/50	2.12mg	0/49	7.05mg	1/52	21.4mg	2/52	col:adc; jej:adc.
x	TR384	2.96mg	n.s.s.	13/50	2.12mg	17/49	7.05mg	14/52	21.4mg	0/52	S
y	TR384	.710mg	1.54mg	48/50	2.12mg	46/49	7.05mg	51/52	21.4mg	48/52	
z	TR384	13.3mg	n.s.s.	0/50	2.12mg	0/49	7.05mg	1/52	21.4mg	0/52	liv:hpa,hpb,hpc.
6300	TR384	.803mg	1.57mg	8/50	2.11mg	41/50	7.06mg	45/49	21.4mg	51/52	for:sqc,scp; kid:rua; pal:sqc,scp; pan:ade,ana, aoc; pre:ade,car; ton:sqc,scp; zym:car. C
a	TR384	.860mg	1.58mg	0/50	2.11mg	33/50	7.06mg	42/49	21.4mg	43/52	for:sqc,scp.
b	TR384	.928mg	2.14mg	47/50	2.11mg	48/50	7.06mg	45/49	21.4mg	44/52	tes:iab,ica. S
c	TR384	1.12mg	2.13mg	0/50	2.11mg	29/50	7.06mg	33/49	21.4mg	38/52	
d	TR384	1.17mg	2.47mg	5/50	2.11mg	21/50	7.06mg	36/49	21.4mg	29/52	pan:ade,ana,aoc.
e	TR384	1.17mg	2.47mg	5/50	2.11mg	21/50	7.06mg	36/49	21.4mg	29/52	pan:ade,ana.
f	TR384	2.00mg	4.70mg	0/50	2.11mg	9/50	7.06mg	27/49	21.4mg	13/52	
g	TR384	2.83mg	7.28mg	0/50	2.11mg	2/50	7.06mg	20/49	21.4mg	21/52	
h	TR384	2.96mg	6.96mg	1/50	2.11mg	4/50	7.06mg	18/49	21.4mg	40/52	pal:sqc,scp; ton:sqc,scp.
i	TR384	4.84mg	12.7mg	0/50	2.11mg	2/50	7.06mg	8/49	21.4mg	37/52	ton:sqc,scp. S
j	TR384	3.89mg	36.7mg	4/50	2.11mg	16/50	7.06mg	6/49	21.4mg	5/52	thy:cca,ccr. S
k	TR384	4.75mg	14.7mg	0/50	2.11mg	4/50	7.06mg	9/49	21.4mg	19/52	pal:scp; ton:scp.
l	TR384	4.98mg	15.7mg	1/50	2.11mg	0/50	7.06mg	11/49	21.4mg	25/52	pal:sqc; ton:sqc.
m	TR384	5.16mg	21.5mg	5/50	2.11mg	6/50	7.06mg	8/49	21.4mg	16/52	pre:ade,car.
n	TR384	5.67mg	19.1mg	0/50	2.11mg	2/50	7.06mg	8/49	21.4mg	18/52	S
o	TR384	4.49mg	66.6mg	4/50	2.11mg	15/50	7.06mg	4/49	21.4mg	5/52	S
p	TR384	5.94mg	27.6mg	1/50	2.11mg	0/50	7.06mg	11/49	21.4mg	7/52	S
q	TR384	4.98mg	144.mg	16/50	2.11mg	11/50	7.06mg	9/49	21.4mg	6/52	S
r	TR384	6.69mg	39.0mg	5/50	2.11mg	3/50	7.06mg	5/49	21.4mg	11/52	
s	TR384	7.64mg	665.mg	3/50	2.11mg	3/50	7.06mg	7/49	21.4mg	1/52	sub:fib,sar. S
t	TR384	7.87mg	295.mg	2/50	2.11mg	2/50	7.06mg	6/49	21.4mg	1/52	S
u	TR384	8.39mg	99.7mg	3/50	2.11mg	3/50	7.06mg	3/49	21.4mg	6/52	ski:bcc,ker,scp,tri. S
v	TR384	9.02mg	116.mg	1/50	2.11mg	1/50	7.06mg	4/49	21.4mg	3/52	liv:hpa,hpc. S
w	TR384	11.5mg	127.mg	0/50	2.11mg	3/50	7.06mg	3/49	21.4mg	5/52	
x	TR384	19.6mg	67.0mg	0/50	2.11mg	0/50	7.06mg	0/49	21.4mg	19/52	S
y	TR384	11.7mg	1.25gm	1/50	2.11mg	1/50	7.06mg	3/49	21.4mg	2/52	thy:fca,fcc. S

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
z	TR384	12.7mg	309.mg	0/50	2.11mg	2/50	7.06mg	1/49	21.4mg	3/52		S
A	TR384	14.2mg	283.mg	0/50	2.11mg	2/50	7.06mg	1/49	21.4mg	3/52		ski:sqc, sqp. S
B	TR384	14.2mg	771.mg	0/50	2.11mg	0/50	7.06mg	2/49	21.4mg	1/52		S
C	TR384	25.5mg	357.mg	0/50	2.11mg	0/50	7.06mg	2/49	21.4mg	3/52	col:adc, adp; jej:adc; rec:adp.	
D	TR384	4.64mg	n.s.s.	11/50	2.11mg	8/50	7.06mg	14/49	21.4mg	0/52	amd:pbb, phc, phm, pob.	S
E	TR384	5.00mg	n.s.s.	10/50	2.11mg	7/50	7.06mg	13/49	21.4mg	0/52	amd:pbb, pob.	S
F	TR384	10.4mg	n.s.s.	1/50	2.11mg	1/50	7.06mg	3/49	21.4mg	1/52		S
G	TR384	15.6mg	n.s.s.	0/50	2.11mg	2/50	7.06mg	0/49	21.4mg	2/52		S
H	TR384	28.8mg	n.s.s.	0/50	2.11mg	0/50	7.06mg	2/49	21.4mg	1/52	col:adc; jej:adc.	
I	TR384	60.1mg	n.s.s.	0/50	2.11mg	0/50	7.06mg	0/49	21.4mg	2/52	col:adp; rec:adp.	
J	TR384	89.8mg	454.gm	0/50	2.11mg	0/50	7.06mg	0/49	21.4mg	3/52		
K	TR384	.943mg	2.10mg	44/50	2.11mg	48/50	7.06mg	45/49	21.4mg	51/52		
L	TR384	9.02mg	116.mg	1/50	2.11mg	1/50	7.06mg	4/49	21.4mg	3/52	liv:hpa, hpb, hpc.	
TRICRESYL PHOSPHATE 1330-78-5												
6301	TR433	34.6mg	n.s.s.	40/50	7.69mg	39/50	16.0mg	32/50	32.1mg	41/51		
a	TR433	70.9mg	n.s.s.	21/50	7.69mg	14/50	16.0mg	14/50	32.1mg	18/51	liv:hpa, hpb, hpc.	
b	TR433	101.mg	n.s.s.	5/50	7.69mg	5/50	16.0mg	5/50	32.1mg	6/51	lun:a/a, a/c.	
6302	TR433	83.5mg	2.02gm	0/51	7.10mg	1/50	14.8mg	2/50	29.7mg	5/50		S
a	TR433	22.6mg	n.s.s.	37/51	7.10mg	35/50	14.8mg	39/50	29.7mg	39/50		
b	TR433	35.6mg	n.s.s.	28/51	7.10mg	26/50	14.8mg	24/50	29.7mg	28/50	liv:hpa, hpb, hpc.	
c	TR433	45.5mg	n.s.s.	8/51	7.10mg	11/50	14.8mg	13/50	29.7mg	12/50	lun:a/a, a/c.	
6303	TR433	15.3mg	n.s.s.	8/51	3.74mg	8/53	7.49mg	13/50	15.0mg	15/50		S
a	TR433	6.75mg	n.s.s.	47/51	3.74mg	39/53	7.49mg	43/50	15.0mg	46/50		
b	TR433	n.s.s.	n.s.s.	0/51	3.74mg	0/53	7.49mg	0/50	15.0mg	0/50	liv:hpa, hpb, hpc.	
6304	TR433	9.18mg	n.s.s.	44/51	2.99mg	39/50	5.99mg	44/50	12.0mg	38/50		
a	TR433	43.4mg	n.s.s.	0/51	2.99mg	1/50	5.99mg	1/50	12.0mg	1/50	liv:hpa, hpb, hpc.	
TRIETHANOLAMINE 102-71-6												
6305	2054	12.7gm	n.s.s.	0/50	2.00gm	2/50	4.00gm	1/50			Konishi;faat,18,25-29;1992	
a	2054	23.5gm	n.s.s.	1/50	2.00gm	0/50	4.00gm	1/50				
b	2054	4.86gm	n.s.s.	14/50	2.00gm	13/50	4.00gm	15/50				
6306	2054	6.64gm	n.s.s.	1/43	1.67gm	0/46	3.33gm	0/48				
a	2054	9.33gm	n.s.s.	7/43	1.67gm	5/46	3.33gm	5/48				
b	2054	17.1gm	n.s.s.	2/43	1.67gm	1/46	3.33gm	1/48				
c	2054	2.52gm	n.s.s.	23/43	1.67gm	21/46	3.33gm	26/48				
6307	550	471.mg	n.s.s.	1/36	39.0mg	7/37	390.mg	9/36			Hoshino;canr,38,3918-3921;1978	
a	550	291.mg	n.s.s.	0/36	39.0mg	0/37	390.mg	0/36				
b	550	2.52gm	n.s.s.	0/36	39.0mg	1/37	390.mg	0/36				
c	550	42.2mg	371.mg	1/36	39.0mg	11/37	(390.mg)	13/36)				
d	550	46.1mg	559.mg	1/36	39.0mg	10/37	(390.mg)	13/36)				
6308	550	277.mg	n.s.s.	0/35	36.0mg	0/33	360.mg	0/28				
a	550	2.38gm	n.s.s.	1/35	36.0mg	2/33	360.mg	0/28				
b	550	1.53gm	n.s.s.	1/35	36.0mg	3/33	360.mg	1/28				
c	550	1.70gm	n.s.s.	2/35	36.0mg	4/33	360.mg	1/28				
6309	1793	7.66gm	n.s.s.	0/50	412.mg	0/48	824.mg	1/47			Maekawa;jtxe,19,345-357;1986	
a	1793	1.31gm	n.s.s.	44/50	412.mg	36/48	824.mg	34/47				
6310	1793	3.44gm	n.s.s.	1/48	460.mg	2/49	920.mg	5/48				
a	1793	8.73gm	n.s.s.	0/48	460.mg	0/49	920.mg	1/48				
b	1793	173.mg	n.s.s.	48/48	460.mg	49/49	920.mg	47/48				
TRIETHYLENE GLYCOL 112-27-6												
6311	105	565.mg	n.s.s.	0/12	400.mg	0/12	800.mg	0/12	1.60gm	0/12	Fitzhugh;jiht,28,40-43;1946	
2,2,2-TRIFLUORO-N-[4-(5-NITRO-2-FURYL)-2-THIAZOYL]ACETAMIDE 42011-48-3												
6312	1076	4.97mg	20.2mg	0/29	132.mg	23/25					Cohen;canr,33,1593-1597;1973	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	1076	19.5mg	91.1mg	0/29	132.mg	12/25					
b	1076	21.5mg	107.mg	0/29	132.mg	11/25					
c	1076	190.mg	n.s.s.	0/29	132.mg	0/25					
d	1076	190.mg	n.s.s.	0/29	132.mg	0/25					
e	1076	3.39mg	17.7mg	2/29	132.mg	24/25					
6313	1126	3.55mg	20.5mg	2/24	17.4mg	17/31				Cohen;jnci,54,841-850;1975	
a	1126	3.93mg	15.5mg	0/24	17.4mg	15/31					
b	1126	44.8mg	n.s.s.	0/24	17.4mg	0/31					
c	1126	3.01mg	14.2mg	2/24	17.4mg	19/31					
TRIFLURALIN, TECHNICAL GRADE 1582-09-8											
6314	TR34	220.mg	577.mg	0/20	309.mg	15/50	585.mg	21/50			liv:hpa,hpc.
a	TR34	242.mg	648.mg	0/20	309.mg	12/50	585.mg	21/50			
b	TR34	170.mg	639.mg	2/20	309.mg	24/50	585.mg	26/50			
c	TR34	220.mg	577.mg	0/20	309.mg	15/50	585.mg	21/50			liv:hpa,hpc,nnd.
d	TR34	664.mg	n.s.s.	0/20	309.mg	7/50	585.mg	3/50			lun:a/a,a/c.
6315	TR34	220.mg	526.mg	0/60p	309.mg	15/50	585.mg	21/50			liv:hpa,hpc.
a	TR34	242.mg	600.mg	0/60p	309.mg	12/50	585.mg	21/50			
b	TR34	664.mg	5.71gm	0/60p	309.mg	7/50	585.mg	3/50			lun:a/a,a/c.
c	TR34	718.mg	7.46gm	0/60p	309.mg	6/50	585.mg	3/50			
d	TR34	1.17gm	n.s.s.	0/60p	309.mg	4/50	585.mg	1/50			
6316	2123	5.56gm	n.s.s.	1/120	73.2mg	2/80	292.mg	2/80	585.mg	1/80	Francis;fctx,29,549-555;1991
a	2123	10.2gm	n.s.s.	7/120	73.2mg	4/80	292.mg	3/80	585.mg	0/80	
b	2123	912.mg	n.s.s.	29/120	73.2mg	16/80	292.mg	19/80	(585.mg	4/80)	
c	2123	1.65gm	n.s.s.	39/120	73.2mg	27/80	292.mg	16/80	(585.mg	10/80)	
6317	TR34	170.mg	n.s.s.	9/20	208.mg	20/50	389.mg	17/50			
a	TR34	195.mg	n.s.s.	4/20	208.mg	14/50	389.mg	9/50			liv:hpa,hpc,nnd.
b	TR34	886.mg	n.s.s.	0/20	208.mg	0/50	389.mg	1/50			lun:a/a,a/c.
6318	2123	1.06gm	n.s.s.	6/120	67.6mg	7/80	270.mg	7/80	(540.mg	0/78)	Francis;fctx,29,549-555;1991
a	2123	7.70gm	n.s.s.	0/120	67.6mg	0/80	270.mg	1/80	540.mg	0/78	
b	2123	5.90gm	n.s.s.	6/120	67.6mg	3/80	270.mg	5/80	540.mg	1/78	
c	2123	1.63gm	n.s.s.	16/120	67.6mg	7/80	270.mg	8/80	(540.mg	1/78)	
d	2123	608.mg	n.s.s.	24/120	67.6mg	14/80	270.mg	21/80	(540.mg	6/78)	
e	2123	1.04gm	n.s.s.	32/120	67.6mg	15/80	270.mg	18/80	(540.mg	4/78)	
6319	2315	570.mg	n.s.s.	0/50	6.50mg	0/50	26.0mg	1/50	104.mg	1/50	Ebert;fctx,30,1031-1044;1992
a	2315	260.mg	n.s.s.	6/50	6.50mg	8/50	26.0mg	10/50	104.mg	8/50	
b	2315	151.mg	n.s.s.	34/50	6.50mg	37/50	26.0mg	29/50	104.mg	31/50	
6320	2315	249.mg	n.s.s.	1/50	6.00mg	3/50	24.0mg	7/50	96.0mg	4/50	
a	2315	146.mg	n.s.s.	12/50	6.00mg	19/50	24.0mg	25/50	96.0mg	17/50	
b	2315	320.mg	n.s.s.	5/50	6.00mg	8/50	24.0mg	7/50	96.0mg	6/50	
c	2315	41.6mg	n.s.s.	28/50	6.00mg	36/50	24.0mg	41/50	96.0mg	39/50	
6321	TR34	255.mg	n.s.s.	1/50	145.mg	7/50	(278.mg	0/50)			thy:fca,fcc. S
a	TR34	118.mg	n.s.s.	36/50	145.mg	39/50	(278.mg	22/50)			
b	TR34	3.39gm	n.s.s.	1/50	145.mg	0/50	278.mg	0/50			liv:hpa,hpc,nnd.
6322	TR34	410.mg	n.s.s.	28/50	116.mg	22/50	225.mg	22/50			
a	TR34	n.s.s.	n.s.s.	0/50	116.mg	0/50	225.mg	0/50			liv:hpa,hpc,nnd.
6323	2315	1.45gm	n.s.s.	0/60	10.0mg	0/60	40.0mg	1/60	160.mg	1/60	Ebert;fctx,30,1031-1044;1992
a	2315	2.04gm	n.s.s.	0/60	10.0mg	0/60	40.0mg	1/60	160.mg	0/60	
b	2315	344.mg	n.s.s.	43/60	10.0mg	42/60	40.0mg	42/60	160.mg	38/60	
6324	2315	513.mg	4.77gm	0/60	8.00mg	1/60	32.0mg	0/60	128.mg	7/60	
a	2315	941.mg	341.gm	0/60	8.00mg	0/60	32.0mg	0/60	128.mg	3/60	
b	2315	1.46gm	n.s.s.	1/60	8.00mg	2/60	32.0mg	1/60	128.mg	1/60	
c	2315	228.mg	n.s.s.	37/60	8.00mg	33/60	32.0mg	37/60	128.mg	35/60	
TRIMETHADIONE (3,5,5-trimethyl-2,4-oxazolidinedione) 127-48-0											
6325	2109	17.9mg	n.s.s.	0/27	12.4mg	0/15					Diwan;artx,66,413-422;1992

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code				
<p>(+)-7-(3,5,6-TRIMETHYL-1,4-BENZOQUINON-2-YL)-7-PHENYLHEPTANOIC ACID (AA-2414) 112665-43-7</p>													
6326	2590	1.62mg	n.s.s.	0/15	3.00mg	0/15	10.0mg	0/15	30.0mg	0/15	100.0mg	0/15	Nonoyama;jjpt,21,S1723-S1738;1993
6327	2590	1.62mg	n.s.s.	0/15	3.00mg	0/15	10.0mg	0/15	30.0mg	0/15	100.0mg	0/15	
<p>2,4,5-TRIMETHYLANILINE 137-17-7</p>													
6328	TR160	4.44mg	9.97mg	0/20	6.50mg	18/50	13.0mg	40/50					
a	TR160	5.84mg	n.s.s.	12/20	6.50mg	41/50	13.0mg	45/50					
b	TR160	4.44mg	9.97mg	0/20	6.50mg	18/50	13.0mg	40/50					liv:hpa,hpc,ndd.
c	TR160	23.9mg	n.s.s.	0/20	6.50mg	5/50	13.0mg	6/50					lun:a/a,a/c.
6329	TR160	7.35mg	n.s.s.	12/20	6.00mg	34/50	12.0mg	32/50					
a	TR160	6.14mg	n.s.s.	5/20	6.00mg	26/50	12.0mg	27/50					liv:hpa,hpc,ndd.
b	TR160	13.1mg	n.s.s.	4/20	6.00mg	9/50	(12.0mg	1/50)					lun:a/a,a/c.
6330	TR160	13.8mg	54.5mg	0/20	10.0mg	14/50	40.0mg	33/50					liv:hpc,ndd; lun:a/a,a/c. C
a	TR160	17.3mg	88.2mg	0/20	10.0mg	12/50	40.0mg	27/50					liv:hpc,ndd.
b	TR160	47.4mg	545.0mg	0/20	10.0mg	3/50	40.0mg	11/50					lun:a/a,a/c.
c	TR160	67.0mg	388.0mg	0/20	10.0mg	0/50	40.0mg	9/50					
d	TR160	23.8mg	n.s.s.	17/20	10.0mg	39/50	40.0mg	45/50					
e	TR160	17.3mg	88.2mg	0/20	10.0mg	12/50	40.0mg	27/50					liv:hpa,hpc,ndd.
6331	TR160	23.9mg	205.0mg	1/20	8.00mg	6/50	32.0mg	20/50					liv:hpc,ndd.
a	TR160	38.7mg	497.0mg	0/20	8.00mg	3/50	32.0mg	11/50					
b	TR160	68.2mg	n.s.s.	1/20	8.00mg	0/50	32.0mg	7/50					lun:a/a,a/c. S
c	TR160	92.5mg	n.s.s.	0/20	8.00mg	0/50	32.0mg	4/50					S
d	TR160	19.2mg	n.s.s.	17/20	8.00mg	33/50	32.0mg	45/50					
e	TR160	23.9mg	205.0mg	1/20	8.00mg	6/50	32.0mg	20/50					liv:hpa,hpc,ndd.
<p>2,4,5-TRIMETHYLANILINE.HCl 21436-97-5</p>													
6332	381	24.8mg	182.0mg	6/20	106.0mg	11/15	246.0mg	12/22					Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973
a	381	31.9mg	123.0mg	0/20	106.0mg	6/15	246.0mg	15/22					
b	381	32.6mg	131.0mg	0/20	106.0mg	6/15	246.0mg	14/22					
c	381	21.2mg	255.0mg	17/20	106.0mg	15/15	246.0mg	19/22					
6333	381	32.1mg	134.0mg	1/102p	106.0mg	6/15	246.0mg	14/22					
a	381	31.3mg	184.0mg	31/102p	106.0mg	11/15	246.0mg	12/22					
6334	381	19.1mg	83.5mg	3/18	98.2mg	11/14	227.0mg	19/21					
a	381	19.4mg	136.0mg	5/18	98.2mg	11/14	227.0mg	10/21					
b	381	24.3mg	115.0mg	3/18	98.2mg	9/14	227.0mg	18/21					
c	381	19.3mg	140.0mg	12/18	98.2mg	13/14	227.0mg	19/21					
6335	381	24.4mg	91.2mg	7/99p	98.2mg	9/14	227.0mg	18/21					
a	381	28.8mg	216.0mg	23/99p	98.2mg	11/14	227.0mg	10/21					
b	381	78.1mg	n.s.s.	5/99p	98.2mg	3/14	227.0mg	3/21					
6336	381	15.0mg	n.s.s.	1/22	31.3mg	5/17	68.6mg	2/25					
a	381	23.5mg	n.s.s.	1/22	31.3mg	3/17	68.6mg	2/25					
b	381	27.3mg	n.s.s.	4/22	31.3mg	7/17	68.6mg	1/25					
c	381	9.25mg	n.s.s.	14/22	31.3mg	15/17	68.6mg	13/25					
<p>2,4,6-TRIMETHYLANILINE.HCl 6334-11-8</p>													
6337	381	15.9mg	107.0mg	1/15	37.1mg	1/12	78.0mg	12/16					Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973
a	381	15.9mg	107.0mg	1/15	37.1mg	1/12	78.0mg	12/16					
b	381	7.63mg	n.s.s.	5/15	37.1mg	7/12	78.0mg	7/16					
c	381	7.27mg	n.s.s.	10/15	37.1mg	10/12	78.0mg	16/16					
6338	381	15.9mg	73.9mg	1/102p	37.1mg	1/12	78.0mg	12/16					
6339	381	9.03mg	43.4mg	1/14	34.3mg	5/15	75.8mg	11/13					
a	381	9.31mg	51.4mg	0/14	34.3mg	5/15	75.8mg	9/13					
b	381	12.9mg	n.s.s.	3/14	34.3mg	5/15	75.8mg	5/13					
c	381	7.34mg	966.0mg	7/14	34.3mg	11/15	75.8mg	12/13					
6340	381	10.5mg	60.0mg	7/99p	34.3mg	5/15	75.8mg	9/13					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	381	36.5mg	1.84gm	5/99p	34.3mg	1/15	75.8mg	4/13			
6341	381	2.64mg	17.7mg	0/16	5.90mg	5/20	11.8mg	8/21			
a	381	3.07mg	21.1mg	0/16	5.90mg	4/20	11.8mg	8/21			
b	381	3.07mg	21.1mg	0/16	5.90mg	4/20	11.8mg	8/21			
c	381	1.21mg	6.38mg	10/16	5.90mg	13/20	11.8mg	18/21			
6342	381	2.65mg	12.9mg	1/111p	5.90mg	5/20	11.8mg	8/21			
a	381	3.06mg	15.7mg	2/111p	5.90mg	4/20	11.8mg	8/21			
b	381	6.57mg	159.mg	2/111p	5.90mg	0/20	11.8mg	3/21			
TRIMETHYLARSINE OXIDE 4964-14-1											
6343	2630	10.2mg	n.s.s.	6/42	2.50mg	10/42	10.0mg	16/45		Shen;carc,24,1827-1835;2003	
a	2630	17.5mg	n.s.s.	0/42	2.50mg	0/42	10.0mg	0/45			
b	2630	.662mg	n.s.s.	42/42	2.50mg	40/42	10.0mg	45/45			
1,2,4-TRIMETHYLBENZENE 95-63-6											
6344	BT913	567.mg	n.s.s.	35/50	387.mg	33/50				Maltoni;anya,837,15-52;1997	
a	BT913	1.12gm	n.s.s.	11/50	387.mg	12/50					
6345	BT913	1.42gm	n.s.s.	1/50	387.mg	5/50					
a	BT913	2.46gm	n.s.s.	1/50	387.mg	2/50					
b	BT913	2.99gm	n.s.s.	0/50	387.mg	1/50					
c	BT913	2.99gm	n.s.s.	0/50	387.mg	1/50					
d	BT913	2.99gm	n.s.s.	0/50	387.mg	1/50					
e	BT913	441.mg	n.s.s.	27/50	387.mg	31/50					
f	BT913	1.07gm	n.s.s.	12/50	387.mg	13/50					
TRIMETHYLPHOSPHATE 512-56-1											
6346	TR81	197.mg	995.mg	0/20	107.mg	7/50	214.mg	13/49			
a	TR81	125.mg	n.s.s.	11/20	107.mg	29/50	214.mg	30/49			
b	TR81	258.mg	n.s.s.	2/20	107.mg	4/50	(214.mg	0/49)		liv:hpa,hpc,nnd.	
c	TR81	599.mg	n.s.s.	3/20	107.mg	0/50	214.mg	6/49		lun:a/a,a/c.	
6347	TR81	227.mg	n.s.s.	11/20	107.mg	26/50	214.mg	26/49			
a	TR81	471.mg	n.s.s.	4/20	107.mg	10/50	214.mg	8/49		liv:hpa,hpc,nnd.	
b	TR81	381.mg	n.s.s.	3/20	107.mg	11/50	214.mg	9/49		lun:a/a,a/c.	
6348	TR81	20.1mg	n.s.s.	15/20	21.2mg	40/50	42.5mg	42/49			
a	TR81	n.s.s.	n.s.s.	0/20	21.2mg	0/50	42.5mg	0/49		liv:hpa,hpc,nnd.	
6349	TR81	60.4mg	850.mg	0/20	21.2mg	2/50	42.5mg	9/49			
a	TR81	16.4mg	n.s.s.	12/20	21.2mg	38/50	42.5mg	38/49			
b	TR81	119.mg	n.s.s.	0/20	21.2mg	1/50	42.5mg	1/49		liv:hpa,hpc,nnd.	
6350	2549m	.464mg	n.s.s.	0/10	1.00mg	0/10	10.0mg	0/10	100.mg	0/10	
6351	2549n	883.mg	n.s.s.	0/49	1.00mg	0/49	10.0mg	1/50	77.0mg	0/50	
a	2549n	430.mg	n.s.s.	29/49	1.00mg	29/49	10.0mg	35/50	77.0mg	18/50	
6352	2549m	.464mg	n.s.s.	0/10	1.00mg	0/10	10.0mg	0/10	100.mg	0/10	
6353	2549n	13.7mg	n.s.s.	4/50	1.00mg	0/49	10.0mg	0/48	77.0mg	0/47	
a	2549n	424.mg	n.s.s.	24/50	1.00mg	25/49	10.0mg	26/48	77.0mg	14/47	
TRIMETHYLTHIOUREA 2489-77-2											
6354	TR129	274.mg	n.s.s.	1/20	54.6mg	3/50	110.mg	4/50			
a	TR129	n.s.s.	n.s.s.	0/20	54.6mg	0/50	110.mg	0/50		liv:hpa,hpc,nnd.	
b	TR129	381.mg	n.s.s.	0/20	54.6mg	1/50	110.mg	2/50		lun:a/a,a/c.	
6355	TR129	174.mg	n.s.s.	8/20	50.4mg	11/50	102.mg	15/50			
a	TR129	244.mg	n.s.s.	6/20	50.4mg	2/50	(102.mg	2/50)		liv:hpa,hpc,nnd.	
b	TR129	165.mg	n.s.s.	1/20	50.4mg	5/50	102.mg	8/50		lun:a/a,a/c.	
6356	TR129	15.8mg	47.4mg	0/20	9.10mg	1/50	18.0mg	23/50		thy:fca,fcc.	
a	TR129	24.5mg	114.mg	0/20	9.10mg	1/50	18.0mg	14/50			
b	TR129	9.35mg	169.mg	7/20	9.10mg	20/50	18.0mg	37/50			
c	TR129	143.mg	n.s.s.	2/20	9.10mg	2/50	18.0mg	0/50		liv:hpa,hpc,nnd.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
6357	TR129	33.7mg	n.s.s.	9/20	7.30mg	13/50	14.4mg	16/50			
a	TR129	128.mg	n.s.s.	1/20	7.30mg	0/50	14.4mg	1/50			liv:hpa,hpc,nnd.
2,4,6-TRINITRO-1,3-DIMETHYL-5-tert-BUTYLBENZENE (musk xylol) 81-15-2											
6358	1989	125.mg	466.mg	1/50	86.7mg	15/50	173.mg	15/50		Maekawa;fctx,28,581-586;1990/pers.comm.	
a	1989	140.mg	641.mg	1/50	86.7mg	14/50	173.mg	13/50			
b	1989	184.mg	n.s.s.	0/50	86.7mg	4/50	(173.mg	0/50)			
c	1989	495.mg	n.s.s.	0/50	86.7mg	3/50	173.mg	2/50			
d	1989	565.mg	n.s.s.	0/50	86.7mg	2/50	173.mg	2/50			
e	1989	662.mg	n.s.s.	0/50	86.7mg	1/50	173.mg	2/50			
f	1989	361.mg	n.s.s.	3/50	86.7mg	5/50	173.mg	6/50			
g	1989	462.mg	n.s.s.	3/50	86.7mg	3/50	173.mg	5/50			
h	1989	1.08gm	n.s.s.	0/50	86.7mg	1/50	173.mg	0/50			
i	1989	179.mg	n.s.s.	5/50	86.7mg	14/50	173.mg	12/50			
6359	1989	57.2mg	207.mg	11/50	80.0mg	27/50	160.mg	33/50			
a	1989	168.mg	1.43gm	2/50	80.0mg	8/50	160.mg	13/50			
b	1989	113.mg	n.s.s.	9/50	80.0mg	19/50	160.mg	20/50			
c	1989	189.mg	136.gm	2/50	80.0mg	9/50	160.mg	10/50			
d	1989	192.mg	n.s.s.	3/50	80.0mg	10/50	160.mg	10/50			
e	1989	333.mg	n.s.s.	3/50	80.0mg	5/50	160.mg	6/50			
f	1989	1.31gm	n.s.s.	1/50	80.0mg	1/50	160.mg	0/50			
g	1989	138.mg	n.s.s.	9/50	80.0mg	17/50	160.mg	17/50			
1,3,5-TRINITROBENZENE 99-35-4											
6360	2280m	.117mg	n.s.s.	0/10	.250mg	0/10	3.00mg	0/10	15.0mg	0/10	Reddy;jtxe,52,447-460;1997/2001
6361	2280n	109.mg	n.s.s.	1/27	.250mg	3/43	3.00mg	0/39	15.0mg	1/44	
6362	2280m	93.7ug	n.s.s.	0/10	.200mg	0/10	2.40mg	0/10	12.0mg	0/10	
6363	2280n	54.3mg	n.s.s.	1/26	.200mg	0/35	2.40mg	1/36	12.0mg	1/37	
TRINITROGLYCERIN (glyceryl trinitrate, nitroglycerin) 55-63-0											
6364	1995	184.mg	687.mg	0/29	5.00mg	1/32	50.0mg	3/28	500.mg	16/25	Ellis III;faat,4,248-260;1984
6365	1995	121.mg	473.mg	1/24	4.00mg	0/28	40.0mg	4/26	400.mg	15/21	
a	1995	195.mg	1.24gm	2/24	4.00mg	1/28	40.0mg	3/26	400.mg	11/21	
6366	2288m	35.4mg	9.38gm	0/5	400.mg	4/6					Tamano;carc,17,2477-2486;1996
a	2288m	51.7mg	n.s.s.	0/5	400.mg	3/6					
b	2288m	110.mg	n.s.s.	0/5	400.mg	1/6					
6367	2288n	26.3mg	4.74gm	0/5	400.mg	3/4					
a	2288n	48.8mg	n.s.s.	0/5	400.mg	2/4					
b	2288n	n.s.s.	n.s.s.	0/5	400.mg	4/4					
c	2288n	81.4mg	n.s.s.	0/5	400.mg	1/4					
TRIPHENYL TIN ACETATE 900-95-8											
6368	295	127.mg	n.s.s.	1/17	151.mg	2/18					Innes;ntis,1968/1969
a	295	298.mg	n.s.s.	0/17	151.mg	0/18					
b	295	86.9mg	n.s.s.	2/17	151.mg	4/18					
6369	295	69.2mg	n.s.s.	1/18	139.mg	4/17					
a	295	171.mg	n.s.s.	2/18	139.mg	1/17					
b	295	65.4mg	n.s.s.	3/18	139.mg	5/17					
6370	295	108.mg	n.s.s.	0/16	151.mg	2/17					
a	295	148.mg	n.s.s.	0/16	151.mg	1/17					
b	295	85.6mg	n.s.s.	0/16	151.mg	3/17					
6371	295	79.1mg	n.s.s.	0/16	139.mg	3/17					
a	295	99.8mg	n.s.s.	0/16	139.mg	2/17					
b	295	47.2mg	634.mg	0/16	139.mg	6/17					

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
TRIPHENYLTYN HYDROXIDE 76-87-9									
6372	TR139	12.9mg	n.s.s.	10/20	3.60mg	15/50	7.30mg	18/50	
a	TR139	22.4mg	n.s.s.	1/20	3.60mg	2/50	7.30mg	4/50	liv:hpa,hpc,nnd.
b	TR139	27.5mg	n.s.s.	0/20	3.60mg	1/50	7.30mg	2/50	lun:a/a,a/c.
6373	TR139	6.34mg	n.s.s.	10/20	3.40mg	19/50	6.70mg	22/50	
a	TR139	12.9mg	n.s.s.	5/20	3.40mg	6/50	6.70mg	10/50	liv:hpa,hpc,nnd.
b	TR139	14.3mg	n.s.s.	3/20	3.40mg	5/50	6.70mg	6/50	lun:a/a,a/c.
6374	TR139	.753mg	n.s.s.	12/20	1.40mg	39/50	(2.80mg)	31/50	
a	TR139	21.2mg	n.s.s.	0/20	1.40mg	1/50	2.80mg	0/50	liv:hpa,hpc,nnd.
6375	TR139	4.24mg	n.s.s.	9/20	1.10mg	22/50	2.20mg	16/50	
a	TR139	12.2mg	n.s.s.	0/20	1.10mg	2/50	2.20mg	0/50	liv:hpa,hpc,nnd.
TRIPROlidINE.HCl MONOHYDRATE 6138-79-0									
6376	2254m	601.mg	n.s.s.	0/12	622.mg	0/12			Greenman;faat,25,138-145;1995/NCTR 1991
a	2254m	601.mg	n.s.s.	0/12	622.mg	0/12			
b	2254m	601.mg	n.s.s.	1/12	622.mg	0/12			
c	2254m	601.mg	n.s.s.	0/12	622.mg	0/12			
6377	2254n	559.mg	n.s.s.	2/47	77.0mg	0/48	308.mg	0/46	616.mg 0/47
a	2254n	2.73gm	n.s.s.	4/47	77.0mg	0/48	308.mg	1/46	(616.mg 1/47)
b	2254n	4.31gm	n.s.s.	5/47	77.0mg	3/48	308.mg	3/48	616.mg 2/48
c	2254n	5.09gm	n.s.s.	2/47	77.0mg	0/48	308.mg	1/46	616.mg 1/47
d	2254n	926.mg	n.s.s.	25/47	77.0mg	23/48	308.mg	16/48	(616.mg 12/48)
e	2254n	1.02gm	n.s.s.	17/47	77.0mg	13/48	308.mg	11/48	(616.mg 5/48)
f	2254n	2.47gm	n.s.s.	9/47	77.0mg	11/48	308.mg	8/48	616.mg 7/48
6378	2254m	50.4mg	n.s.s.	2/12	71.8mg	0/12	287.mg	0/12	574.mg 0/12
a	2254m	50.4mg	n.s.s.	0/12	71.8mg	0/12	287.mg	0/12	574.mg 0/12
b	2254m	326.mg	n.s.s.	1/12	574.mg	1/12			
c	2254m	362.mg	n.s.s.	2/12	574.mg	1/12			
d	2254m	554.mg	n.s.s.	0/12	574.mg	0/12			
6379	2254n	882.mg	n.s.s.	9/48	71.1mg	6/48	284.mg	11/48	568.mg 14/48
a	2254n	816.mg	n.s.s.	13/48	71.1mg	10/48	284.mg	16/48	568.mg 16/48
b	2254n	3.42gm	n.s.s.	5/48	71.1mg	4/48	284.mg	5/48	568.mg 2/48
c	2254n	6.07gm	n.s.s.	11/48	71.1mg	12/48	284.mg	1/48	568.mg 2/48
d	2254n	1.52gm	n.s.s.	20/48	71.1mg	14/48	284.mg	14/48	568.mg 15/48
e	2254n	2.64gm	n.s.s.	16/48	71.1mg	14/48	284.mg	12/48	568.mg 8/48
f	2254n	1.31gm	n.s.s.	28/48	71.1mg	25/48	284.mg	24/48	568.mg 21/48
6380	2255m	115.mg	n.s.s.	0/12	120.mg	0/12			Greenman;faat,27,223-231;1995/NCTR 1991
a	2255m	63.4mg	n.s.s.	4/12	120.mg	2/12			
b	2255m	67.8mg	n.s.s.	1/12	120.mg	1/12			
c	2255m	80.7mg	n.s.s.	3/12	120.mg	1/12			
6381	2255n	1.33gm	n.s.s.	0/48	14.8mg	1/47	59.2mg	0/48	118.mg 0/47
a	2255n	1.33gm	n.s.s.	0/48	14.8mg	1/47	59.2mg	0/48	118.mg 0/47
b	2255n	123.mg	n.s.s.	42/48	14.8mg	45/47	59.2mg	47/48	118.mg 36/47
c	2255n	129.mg	n.s.s.	39/48	14.8mg	40/47	59.2mg	45/48	118.mg 33/47
d	2255n	404.mg	n.s.s.	16/48	14.8mg	19/47	59.2mg	15/48	118.mg 11/47
6382	2255m	8.40mg	n.s.s.	0/12	12.0mg	0/12	47.8mg	0/12	95.6mg 0/12
a	2255m	18.7mg	n.s.s.	10/12	95.6mg	8/12			
b	2255m	20.7mg	n.s.s.	11/12	95.6mg	8/12			
c	2255m	92.4mg	n.s.s.	2/12	95.6mg	0/12			
6383	2255n	84.7mg	n.s.s.	0/47	11.8mg	0/48	47.4mg	0/47	94.7mg 0/47
a	2255n	764.mg	n.s.s.	1/47	11.8mg	1/48	47.4mg	2/47	94.7mg 0/47
b	2255n	18.0mg	n.s.s.	45/47	11.8mg	48/48	47.4mg	46/48	94.7mg 47/48
c	2255n	174.mg	n.s.s.	25/47	11.8mg	38/48	47.4mg	28/48	94.7mg 25/48
d	2255n	n.s.s.	n.s.s.	46/47	11.8mg	48/48	47.4mg	48/48	94.7mg 48/48

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology				Brkly Code		
TRIS (2-CHLOROETHYL) PHOSPHATE			115-96-8											
6384	TR391	830.mg	n.s.s.	0/51	124.mg	1/50	249.mg	3/50					S	
a	TR391	923.mg	n.s.s.	0/51	124.mg	0/50	249.mg	3/50					S	
b	TR391	403.mg	n.s.s.	3/51	124.mg	8/50	249.mg	7/50	hag:ade,car.					
c	TR391	177.mg	n.s.s.	25/51	124.mg	26/50	249.mg	37/50						
d	TR391	543.mg	n.s.s.	5/51	124.mg	5/50	249.mg	8/50	liv:hpa,hpc,nnd.					
e	TR391	724.mg	n.s.s.	3/51	124.mg	2/50	249.mg	5/50	lun:a/a,a/c.					
6385	TR391	934.mg	n.s.s.	1/52	125.mg	0/50	249.mg	2/52	kid:rua,ruc.					
a	TR391	1.38gm	n.s.s.	0/52	125.mg	0/50	249.mg	1/52						
b	TR391	1.18gm	n.s.s.	1/52	125.mg	0/50	249.mg	1/52						
c	TR391	124.mg	n.s.s.	38/52	125.mg	39/50	249.mg	42/52						
d	TR391	147.mg	n.s.s.	26/52	125.mg	27/50	249.mg	33/52	liv:hpa,hpc,nnd.					
e	TR391	322.mg	n.s.s.	10/52	125.mg	12/50	249.mg	10/52	lun:a/a,a/c.					
6386	TR391	1.05gm	n.s.s.	1/52	51.3mg	11/50	98.1mg	20/50	kid:rua,ruc.					
a	TR391	1.22gm	n.s.s.	1/52	125.mg	1/50	249.mg	3/52						
6387	2374	2.49gm	16.1gm	0/49	15.6mg	0/49	78.0mg	0/50	390.mg	1/49	1.95gm	7/50	Takada;jtxp,2,213-222;1989	
a	2374	3.40gm	37.3gm	0/49	15.6mg	0/49	78.0mg	0/50	390.mg	0/49	1.95gm	5/50		
b	2374	1.77gm	n.s.s.	1/49	15.6mg	3/49	78.0mg	6/50	390.mg	9/49	1.95gm	9/50		
c	2374	5.66gm	n.s.s.	0/49	15.6mg	0/49	78.0mg	0/50	390.mg	0/49	1.95gm	2/50		
d	2374	391.mg	13.3gm	30/49	15.6mg	28/49	78.0mg	33/50	390.mg	39/49	1.95gm	41/50		
6388	2374	366.mg	832.mg	2/50	14.4mg	0/49	72.0mg	2/49	360.mg	5/47	1.80gm	41/50		
a	2374	552.mg	1.39gm	2/50	14.4mg	0/49	72.0mg	2/49	360.mg	3/47	1.80gm	32/50		
b	2374	883.mg	5.29gm	4/50	14.4mg	5/49	72.0mg	7/49	360.mg	12/47	1.80gm	19/50		
c	2374	3.96gm	n.s.s.	1/50	14.4mg	1/49	72.0mg	4/49	360.mg	2/47	1.80gm	3/50		
d	2374	79.7mg	565.mg	34/50	14.4mg	38/49	72.0mg	39/49	360.mg	39/47	1.80gm	50/50		
6389	TR391	80.8mg	900.mg	0/50	31.3mg	2/50	62.6mg	5/51						
a	TR391	87.3mg	1.50gm	0/50	31.3mg	3/50	62.6mg	4/51	thy:fca,fcc.					
b	TR391	40.3mg	n.s.s.	14/50	31.3mg	16/50	62.6mg	20/51						
c	TR391	106.mg	n.s.s.	0/50	31.3mg	2/50	62.6mg	3/51					S	
d	TR391	174.mg	n.s.s.	0/50	31.3mg	0/50	62.6mg	3/51					S	
e	TR391	17.2mg	n.s.s.	45/50	31.3mg	46/50	62.6mg	44/51						
f	TR391	n.s.s.	n.s.s.	0/50	31.3mg	0/50	62.6mg	0/51	liv:hpa,hpc,nnd.					
6390	TR391	34.7mg	111.mg	2/51	31.3mg	5/50	62.6mg	25/50	kid:rua,ruc.					
a	TR391	35.5mg	106.mg	1/51	31.3mg	5/50	62.6mg	24/50						
b	TR391	20.8mg	n.s.s.	10/51	31.3mg	21/50	(62.6mg)	13/50	amd:pbb,pob.				S	
c	TR391	50.8mg	n.s.s.	5/51	31.3mg	14/50	62.6mg	13/50						
d	TR391	102.mg	n.s.s.	1/51	31.3mg	3/50	62.6mg	6/50					S	
e	TR391	124.mg	n.s.s.	1/51	31.3mg	2/50	62.6mg	5/50	thy:fca,fcc.					
f	TR391	209.mg	n.s.s.	0/51	31.3mg	0/50	62.6mg	3/50	bra:grb; clm:grb.				S	
g	TR391	322.mg	n.s.s.	1/51	31.3mg	0/50	62.6mg	1/50						
h	TR391	22.4mg	n.s.s.	39/51	31.3mg	44/50	62.6mg	46/50						
i	TR391	190.mg	n.s.s.	0/51	31.3mg	1/50	62.6mg	2/50	liv:hpa,hpc,nnd.					
TRIS-1,2,3-(CHLOROMETHOXY) PROPANE			38571-73-2											
6391	582	1.30mg	51.1mg	0/30	1.71mg	5/30						Van Duuren;canr,35,2553-2557;1975		
TRIS (2,3-DIBROMOPROPYL) PHOSPHATE (TRIS)			126-72-7											
6392	TR76	51.3mg	171.mg	16/55	64.3mg	34/50	129.mg	40/50	liv:hpa,hpc; lun:a/a,a/c; sto:sgc,sgp.				C	
a	TR76	62.2mg	188.mg	11/55	64.3mg	23/50	129.mg	35/50	liv:hpa,hpc.					
b	TR76	88.1mg	212.mg	2/55	64.3mg	14/50	129.mg	22/50	sto:sgc,sgp.					
c	TR76	128.mg	692.mg	7/55	64.3mg	12/50	129.mg	20/50						
d	TR76	135.mg	576.mg	4/55	64.3mg	9/50	129.mg	17/50	lun:a/a,a/c.					
e	TR76	130.mg	682.mg	0/55	64.3mg	6/50	(129.mg)	2/50					S	
f	TR76	328.mg	2.15gm	0/55	64.3mg	4/50	129.mg	4/50						
g	TR76	67.7mg	n.s.s.	34/55	64.3mg	42/50	129.mg	44/50						
h	TR76	55.7mg	268.mg	11/55	64.3mg	23/50	129.mg	35/50	liv:hpa,hpc,nnd.					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
i	TR76	119.mg	1.13gm	4/55	64.3mg	9/50	129.mg	17/50			lun:a/a,a/c.
6393	TR76	58.7mg	336.mg	12/55	59.0mg	23/50	119.mg	37/50		kid:tla,uac; lun:a/a,a/c;	sto:sqc,scp. C
a	TR76	120.mg	406.mg	0/55	59.0mg	10/50	119.mg	13/50			sto:sqc,scp.
b	TR76	147.mg	531.mg	0/55	59.0mg	4/50	119.mg	14/50			kid:tla,uac.
c	TR76	335.mg	25.7gm	0/55	59.0mg	1/50	119.mg	5/50			
d	TR76	95.1mg	n.s.s.	12/55	59.0mg	18/50	119.mg	25/50			lun:a/a,a/c.
e	TR76	170.mg	n.s.s.	6/55	59.0mg	8/50	119.mg	13/50			
f	TR76	86.1mg	n.s.s.	43/55	59.0mg	41/50	119.mg	43/50			
g	TR76	43.2mg	n.s.s.	28/55	59.0mg	31/50	(119.mg)	23/50		liv:hpa,hpc,nnd.	
h	TR76	95.1mg	n.s.s.	12/55	59.0mg	18/50	119.mg	25/50			lun:a/a,a/c.
6394	TR76	7.41mg	35.7mg	0/55	2.50mg	4/55	4.95mg	10/55			
a	TR76	20.1mg	n.s.s.	0/55	2.50mg	0/55	4.95mg	3/55			S
b	TR76	2.88mg	n.s.s.	52/55	2.50mg	47/55	4.95mg	54/55			
c	TR76	29.8mg	n.s.s.	1/55	2.50mg	1/55	4.95mg	1/55		liv:hpa,hpc,nnd.	
6395	TR76	.975mg	2.75mg	0/55	2.00mg	26/55	(4.00mg)	26/55			
a	TR76	.975mg	2.75mg	0/55	2.00mg	26/55	(4.00mg)	29/55			kid:tla,uac.
b	TR76	8.69mg	n.s.s.	1/55	2.00mg	3/55	4.00mg	7/55		pre:acn,adn,can. S	
c	TR76	13.0mg	n.s.s.	0/55	2.00mg	1/55	4.00mg	4/55			liv:hpc,nnd. S
d	TR76	18.9mg	n.s.s.	0/55	2.00mg	0/55	4.00mg	3/55			
e	TR76	2.31mg	n.s.s.	39/55	2.00mg	44/55	4.00mg	48/55			
f	TR76	13.0mg	n.s.s.	0/55	2.00mg	1/55	4.00mg	4/55		liv:hpa,hpc,nnd.	
6396	1729	3.72mg	189.mg	0/9	71.4mg	3/5				Reznik;livt,44,74-83;1981	
a	1729	8.84mg	n.s.s.	0/9	71.4mg	1/5					
b	1729	18.4mg	n.s.s.	0/9	71.4mg	0/5					
TRIS-(1,3-DICHLORO-2-PROPYL)PHOSPHATE (Fyrol FR-2, TDCPP) 13674-87-8											
6397	2662	45.9mg	108.mg	0/49	5.00mg	1/48	20.0mg	8/48	80.0mg	29/50	
a	2662	89.4mg	1.71gm	8/48	5.00mg	5/27	20.0mg	2/33	80.0mg	19/49	
b	2662	106.mg	692.mg	1/49	5.00mg	2/47	20.0mg	5/47	80.0mg	12/50	
c	2662	147.mg	2.59gm	1/49	5.00mg	1/47	20.0mg	4/47	80.0mg	8/50	
d	2662	217.mg	n.s.s.	0/49	5.00mg	2/47	20.0mg	2/47	80.0mg	4/50	
6398	2662	22.9mg	60.8mg	7/43	5.00mg	8/48	20.0mg	23/47	80.0mg	36/45	
a	2662	35.7mg	85.2mg	1/45	5.00mg	3/49	20.0mg	9/48	80.0mg	32/46	
b	2662	74.8mg	462.mg	3/45	5.00mg	9/48	20.0mg	4/48	80.0mg	19/46	
c	2662	114.mg	1.76gm	2/45	5.00mg	7/48	20.0mg	1/48	80.0mg	13/46	
d	2662	157.mg	n.s.s.	1/45	5.00mg	2/48	20.0mg	3/48	80.0mg	7/46	
TRIS(2-ETHYLHEXYL) PHOSPHATE 78-42-2											
6399	TR274	1.28gm	17.6gm	0/50	352.mg	4/50	704.mg	7/50			
a	TR274	995.mg	n.s.s.	2/50	352.mg	8/50	704.mg	10/50			liv:hpa,hpc. S
b	TR274	1.01gm	n.s.s.	24/50	352.mg	25/50	704.mg	25/50			
c	TR274	995.mg	n.s.s.	2/50	352.mg	8/50	704.mg	10/50		liv:hpa,hpc,nnd.	
d	TR274	2.44gm	n.s.s.	2/50	352.mg	2/50	704.mg	4/50		lun:a/a,a/c.	
6400	TR274	1.09gm	n.s.s.	33/50	352.mg	30/50	704.mg	25/50			
a	TR274	785.mg	n.s.s.	15/50	352.mg	21/50	704.mg	18/50		liv:hpa,hpc,nnd.	
b	TR274	1.99gm	n.s.s.	7/50	352.mg	3/50	704.mg	7/50		lun:a/a,a/c.	
6401	TR274	1.04gm	n.s.s.	37/50	704.mg	38/50	1.41gm	31/50			
a	TR274	13.9gm	n.s.s.	1/50	704.mg	0/50	1.41gm	0/50		liv:hpa,hpc,nnd.	
6402	TR274	2.86gm	24.9gm	2/50	1.41gm	9/50	2.82gm	14/50			
a	TR274	2.86gm	24.9gm	2/50	1.41gm	9/50	2.82gm	14/50			adr:phe,phm.
b	TR274	6.54gm	n.s.s.	1/50	1.41gm	2/50	2.82gm	6/50		thy:fca,fcc; tyf:cyn. S	
c	TR274	9.66gm	n.s.s.	0/50	1.41gm	1/50	2.82gm	3/50		thy:fca; tyf:cyn. S	
d	TR274	2.04gm	n.s.s.	32/50	1.41gm	34/50	2.82gm	35/50			
e	TR274	n.s.s.	n.s.s.	0/50	1.41gm	1/50	2.82gm	0/50		liv:hpa,hpc,nnd.	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
TRIS (2-HYDROXYPROPYL)AMINE 122-20-3									
6403	1910m	3.01gm	n.s.s.	0/17	800.mg	0/19		Yamamoto;clet,45,221-225;1989/1996/pers.comm.	
N-TRITRIACONTANE-16-18-DIONE 24514-86-1									
6404	2612	27.8mg	n.s.s.	0/10	50.0mg	0/10		Hagiwara;gann,90,399-405;1999	
a	2612	27.8mg	n.s.s.	0/10	50.0mg	0/10			
Trp-P-1 ACETATE (3-amino-1,4-dimethyl-5H-pyrido[4,3-b]indole acetate) 75104-43-7									
6405	1224	13.8mg	51.7mg	0/40	26.0mg	16/40		Matsukura;scie,213,346-347;1981	
a	1224	15.8mg	64.8mg	0/40	26.0mg	14/40			
b	1224	110.mg	n.s.s.	3/40	26.0mg	1/40			
c	1224	153.mg	n.s.s.	1/40	26.0mg	0/40			
6406	1224	35.5mg	n.s.s.	1/40	24.0mg	5/40			
a	1224	38.6mg	n.s.s.	0/40	24.0mg	4/40			
b	1224	59.4mg	n.s.s.	3/40	24.0mg	3/40			
c	1224	142.mg	n.s.s.	1/40	24.0mg	0/40			
6407	1683	.310mg	1.04mg	0/50	10.0mg	37/39		Takayama;gann,76,815-817;1985	
6408	1683	.342mg	1.01mg	0/50	6.00mg	30/36			
Trp-P-2 ACETATE (3-amino-1-methyl-5H-pyrido[4,3-b]indole acetate) 72254-58-1									
6409	1224	3.70mg	13.3mg	0/24	26.0mg	22/26		Matsukura;scie,213,346-347;1981	
a	1224	64.3mg	n.s.s.	3/40	26.0mg	3/40			
b	1224	93.1mg	n.s.s.	1/40	26.0mg	1/40			
6410	1224	27.3mg	n.s.s.	3/40	24.0mg	8/40			
a	1224	26.6mg	n.s.s.	0/25	24.0mg	3/24			
b	1224	23.7mg	n.s.s.	1/25	24.0mg	4/24			
c	1224	49.4mg	n.s.s.	1/40	24.0mg	3/40			
6411	1225m	1.68mg	16.4mg	0/30	5.00mg	6/9		Hosaka;clet,13,23-28;1981/Ohgaki 1991	
a	1225m	1.68mg	16.4mg	0/30	5.00mg	6/9			
b	1225m	6.72mg	n.s.s.	0/30	5.00mg	1/9			
c	1225m	6.72mg	n.s.s.	0/30	5.00mg	1/9			
d	1225m	6.72mg	n.s.s.	0/30	5.00mg	1/9			
6412	1225m	11.7mg	n.s.s.	0/30	4.00mg	0/10			
6413	2046	4.41mg	419.mg	2/28	1.50mg	8/30	5.00mg	11/30	Takahashi;gann,84,852-858;1993/pers.comm.
a	2046	4.48mg	699.mg	3/28	1.50mg	7/30	5.00mg	12/30	
b	2046	11.0mg	208.mg	0/28	1.50mg	0/30	5.00mg	5/30	
c	2046	1.54mg	n.s.s.	2/28	1.50mg	10/30	(5.00mg	8/30)	
d	2046	5.02mg	n.s.s.	3/28	1.50mg	6/30	5.00mg	11/30	
e	2046	5.18mg	n.s.s.	2/28	1.50mg	8/30	5.00mg	9/30	
f	2046	18.6mg	n.s.s.	0/28	1.50mg	0/30	5.00mg	2/30	
g	2046	10.5mg	n.s.s.	1/28	1.50mg	5/30	5.00mg	3/30	
h	2046	18.7mg	n.s.s.	0/28	1.50mg	1/30	5.00mg	1/30	
i	2046	23.4mg	n.s.s.	1/28	1.50mg	1/30	5.00mg	1/30	
6414	2046	4.87mg	26.7mg	0/30	1.20mg	2/29	4.00mg	9/30	
a	2046	5.77mg	48.0mg	0/30	1.20mg	2/29	4.00mg	7/30	
b	2046	3.66mg	n.s.s.	6/30	1.20mg	5/29	4.00mg	14/30	
c	2046	4.47mg	n.s.s.	4/30	1.20mg	4/29	4.00mg	11/30	
d	2046	14.7mg	n.s.s.	0/30	1.20mg	0/29	4.00mg	2/30	
e	2046	6.45mg	n.s.s.	1/30	1.20mg	0/29	4.00mg	0/30	
DL-TRYPTOPHAN 54-12-6									
6415	1657	2.93gm	n.s.s.	0/42	800.mg	0/20		Cohen;canr,39,1207-1217;1979	
a	1657	2.93gm	n.s.s.	0/42	800.mg	0/20			
L-TRYPTOPHAN 73-22-3									
6416	TR71	5.55gm	n.s.s.	3/15	1.74gm	11/35	3.48gm	3/35	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	TR71	7.40gm	n.s.s.	0/15	1.74gm	1/35	3.48gm	1/35		liv:hpa,hpc,ndd.
b	TR71	11.9gm	n.s.s.	1/15	1.74gm	0/35	3.48gm	1/35		lun:a/a,a/c.
6417	TR71	602.mg	n.s.s.	1/15	1.61gm	15/35	(3.21gm)	12/33)		
a	TR71	3.33gm	n.s.s.	1/15	1.61gm	5/35	3.21gm	7/33		liv:hpa,hpc,ndd.
b	TR71	4.66gm	n.s.s.	0/15	1.61gm	4/35	3.21gm	2/33		lun:a/a,a/c.
6418	TR71	1.53gm	n.s.s.	11/15	690.mg	24/35	1.33gm	19/35		
a	TR71	n.s.s.	n.s.s.	0/15	690.mg	0/35	1.33gm	0/35		liv:hpa,hpc,ndd.
6419	TR71	560.mg	n.s.s.	11/15	552.mg	21/35	(1.07gm)	14/35)		
a	TR71	n.s.s.	n.s.s.	0/15	552.mg	0/35	1.07gm	0/35		liv:hpa,hpc,ndd.
6420	1430	4.12gm	n.s.s.	0/27	769.mg	0/26			Fukushima;canr,41,3100-3103;1981	
6421	1574	3.30gm	n.s.s.	0/30	800.mg	0/20			Murasaki;carc,4,97-99;1983	
a	1574	3.30gm	n.s.s.	0/30	800.mg	0/20				
TUNGSTATE, SODIUM 13472-45-2										
6422	1456	.380mg	n.s.s.	17/24	.286mg	13/20			Schroeder;jnut,105,421-427;1975	
a	1456	.884mg	n.s.s.	8/24	.286mg	5/20				
6423	1456	.780mg	n.s.s.	4/26	.250mg	4/25				
a	1456	1.05mg	n.s.s.	2/26	.250mg	2/25				
TURMERIC (>98% CURCUMIN) (diferuloylmethane) 458-37-7										
6424	2409	55.3mg	n.s.s.	0/12	80.0mg	0/12			Rao;canr,55,259-266;1995	
TURMERIC OLEORESIN (79%-85% CURCUMIN) 8024-37-1										
6425	TR427	850.mg	30.6gm	13/50	255.mg	12/50	1.28gm	25/51 (6.41gm)	19/50)	liv:hpa,hpc.
a	TR427	968.mg	14.4gm	7/50	255.mg	8/50	1.28gm	19/51 (6.41gm)	14/50)	
b	TR427	16.3gm	n.s.s.	0/50	255.mg	0/50	1.28gm	2/51 6.41gm	3/50	for:sqc,scp. S
c	TR427	18.5gm	n.s.s.	0/50	255.mg	0/50	1.28gm	1/51 6.41gm	3/50	S
d	TR427	7.08gm	n.s.s.	30/50	255.mg	33/50	1.28gm	35/51 6.41gm	33/50	
e	TR427	850.mg	30.6gm	13/50	255.mg	12/50	1.28gm	25/51 (6.41gm)	19/50)	liv:hpa,hpb,hpc.
f	TR427	42.1gm	n.s.s.	5/50	255.mg	3/50	1.28gm	3/51 6.41gm	1/50	lun:a/a,a/c.
6426	TR427	583.mg	n.s.s.	30/50	235.mg	38/50	1.18gm	41/50 (5.92gm)	37/50)	liv:hpa,hpc.
a	TR427	624.mg	n.s.s.	25/50	235.mg	28/50	1.18gm	35/50 (5.92gm)	30/50)	
b	TR427	2.48gm	n.s.s.	0/50	235.mg	3/50	1.18gm	3/50 (5.92gm)	0/50)	duo:adc; ilm:adc; jej:adc.
c	TR427	4.48gm	n.s.s.	38/50	235.mg	42/50	1.18gm	47/50 5.92gm	42/50	
d	TR427	4.56gm	n.s.s.	30/50	235.mg	38/50	1.18gm	41/50 5.92gm	38/50	liv:hpa,hpb,hpc.
e	TR427	13.0gm	n.s.s.	14/50	235.mg	16/50	1.18gm	7/50 5.92gm	13/50	lun:a/a,a/c.
6427	TR427	65.7mg	n.s.s.	6/50	98.5mg	16/50	(494.mg)	15/50 2.48gm	16/51)	cli:adc,ade.
a	TR427	339.mg	n.s.s.	5/50	98.5mg	12/50	494.mg	15/50 (2.48gm)	16/51)	
b	TR427	2.07gm	n.s.s.	48/50	98.5mg	48/50	494.mg	47/50 2.48gm	46/51	
c	TR427	21.2gm	n.s.s.	1/50	98.5mg	0/50	494.mg	0/50 2.48gm	0/51	liv:hpa,hpb,hpc.
6428	TR427	1.11gm	n.s.s.	42/50	79.7mg	47/50	399.mg	48/50 2.00gm	36/51	
a	TR427	2.51gm	n.s.s.	1/50	79.7mg	1/50	399.mg	4/50 2.00gm	3/51	liv:hpa,hpb,hpc.
TYLOSIN LACTATE 11034-63-2										
6429	2595	36.5mg	n.s.s.	0/7	130.mg	0/6	1.30gm	0/6	Tsubura;jnma,30,506-517;1979	
a	2595	36.5mg	n.s.s.	0/7	130.mg	0/6	1.30gm	0/6		
6430	2595	34.2mg	n.s.s.	0/8	120.mg	0/6	1.20gm	0/7		
a	2595	34.2mg	n.s.s.	0/8	120.mg	0/6	1.20gm	0/7		
URACIL (2,4-DIOXYPRIMIDINE) 66-22-8										
6431	2058	835.mg	2.75gm	0/30	3.29gm	22/30			Fukushima;canr,52,1675-1680;1992/pers.comm.	
a	2058	5.51gm	n.s.s.	0/30	3.29gm	3/30				
b	2058	9.23gm	n.s.s.	0/30	3.29gm	1/30				
c	2058	9.23gm	n.s.s.	0/30	3.29gm	1/30				
d	2058	10.5gm	n.s.s.	1/30	3.29gm	1/30				
e	2058	10.5gm	n.s.s.	1/30	3.29gm	1/30				

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
6432	2058	6.32gm	n.s.s.	0/30	3.04gm	2/30					
a	2058	6.32gm	n.s.s.	0/30	3.04gm	2/30					
b	2058	6.00gm	n.s.s.	2/30	3.04gm	3/30					
c	2058	8.52gm	n.s.s.	0/30	3.04gm	1/30					
d	2058	11.4gm	n.s.s.	9/30	3.04gm	2/30					
e	2058	16.0gm	n.s.s.	0/30	3.04gm	0/30					
6433	2058	2.14gm	83.7gm	0/30	1.50gm	5/30					
a	2058	1.63gm	n.s.s.	2/30	1.50gm	8/30					
b	2058	2.95gm	n.s.s.	0/30	1.50gm	3/30					
c	2058	4.03gm	n.s.s.	1/30	1.50gm	2/30					
6434	2058	195.mg	672.mg	0/30	1.20gm	27/30					
a	2058	293.mg	953.mg	0/30	1.20gm	24/30					
b	2058	1.33gm	12.4gm	0/30	1.20gm	7/30					
c	2058	1.98gm	n.s.s.	0/30	1.20gm	4/30					
d	2058	2.36gm	n.s.s.	0/30	1.20gm	3/30					
e	2058	3.95gm	n.s.s.	0/30	1.20gm	1/30					
f	2058	3.95gm	n.s.s.	0/30	1.20gm	1/30					
URAPIDIL 6-[[3-[4-(o-methoxyphenyl)-1-piperazinyl]propyl]amino]-1,3-dimethyluracil 34661-75-1											
6435	2351	2.29mg	n.s.s.	0/20	2.50mg	0/20	25.0mg	0/19	125.mg	0/19	Kudo;phrm,33,473-500;1987/pers.comm.
6436	2351	2.20mg	n.s.s.	0/20	2.50mg	0/19	25.0mg	0/20	125.mg	0/20	
UREA 57-13-6											
6437	1343	9.95gm	n.s.s.	0/89p	440.mg	0/43	881.mg	0/38	4.40gm	2/50	Fleischman;jept,3,149-170;1980
a	1343	3.90gm	n.s.s.	10/92p	440.mg	7/43	881.mg	10/38	4.40gm	9/50	
b	1343	10.4gm	n.s.s.	1/89p	440.mg	0/43	881.mg	0/38	4.40gm	2/50	
c	1343	646.mg	n.s.s.	2/89p	440.mg	0/28	881.mg	0/23	4.40gm	0/23	
6438	1343	11.5gm	n.s.s.	0/91p	406.mg	0/41	813.mg	0/36	4.06gm	1/47	
a	1343	12.9gm	n.s.s.	2/91p	406.mg	0/41	813.mg	0/36	4.06gm	1/47	
b	1343	8.00gm	n.s.s.	1/87p	406.mg	0/27	813.mg	1/21	4.06gm	0/24	
6439	1343	473.mg	n.s.s.	0/49	169.mg	0/50	339.mg	0/48	1.69gm	0/48	
6440	1343	305.mg	36.6gm	21/50	135.mg	27/48	271.mg	25/47	1.35gm	35/50	
a	1343	369.mg	n.s.s.	0/50	135.mg	0/48	271.mg	0/48	1.35gm	0/48	
URETHANE (ethyl carbamate) 51-79-6											
6441	170	27.9mg	74.7mg	1/67	136.mg	35/44					Toth;ejca,5,165-171;1969
a	170	45.2mg	133.mg	0/62	136.mg	25/41					
b	170	126.mg	949.mg	0/55	136.mg	7/33					
c	170	108.mg	1.77gm	0/49	136.mg	4/20					
d	170	130.mg	2.05gm	1/55	136.mg	7/33					
e	170	142.mg	1.31gm	0/55	136.mg	6/33					
f	170	161.mg	1.23gm	0/62	136.mg	7/41					
g	170	204.mg	2.94gm	0/62	136.mg	5/41					
h	170	235.mg	8.99gm	0/62	136.mg	4/41					
i	170	235.mg	8.99gm	0/62	136.mg	4/41					
j	170	222.mg	n.s.s.	0/49	136.mg	1/20					
k	170	926.mg	n.s.s.	0/67	136.mg	0/44					
6442	297a	34.6mg	965.mg	0/14	273.mg	4/10					Pietra;jnci,25,627-630;1960
a	297a	80.6mg	n.s.s.	0/14	273.mg	1/10					
6443	170	40.5mg	110.mg	6/88	120.mg	36/49					Toth;ejca,5,165-171;1969
a	170	66.7mg	197.mg	1/62	120.mg	26/49					
b	170	76.8mg	267.mg	0/53	120.mg	18/40					
c	170	264.mg	25.2gm	0/53	120.mg	4/40					
d	170	386.mg	n.s.s.	0/62	120.mg	3/49					
e	170	114.mg	n.s.s.	1/26	120.mg	2/12					
f	170	151.mg	n.s.s.	0/26	120.mg	1/12					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc						Citation or Pathology	Brkly Code
a	2004	10.6mg	n.s.s.	0/25	24.4mg	1/3									
b	2004	19.1mg	n.s.s.	0/37	24.4mg	1/5									
c	2004	23.3mg	n.s.s.	0/42	24.4mg	1/6									
d	2004	23.3mg	n.s.s.	0/42	24.4mg	1/6									
e	2004	10.6mg	n.s.s.	1/37	24.4mg	1/4									
f	2004	5.54mg	n.s.s.	17/108	24.4mg	4/11									
g	2004	8.50mg	n.s.s.	6/74	24.4mg	2/9									
h	2004	7.41mg	n.s.s.	12/108	24.4mg	2/11									
6456	298	21.4mg	129.mg	2/74	.100mg	2/70	.500mg	4/65	2.50mg	7/70	12.5mg	15/74	Schmahl;ijcn,19,77-80;1977		
a	298	35.6mg	n.s.s.	1/74	.100mg	3/70	.500mg	2/65	2.50mg	5/70	12.5mg	8/74			
VANADYL SULFATE 27774-13-6															
6457	1512	2.33mg	n.s.s.	26/170	.877mg	8/47								Kanisawa;canr,27,1192-1195;1967	
a	1512	6.00mg	n.s.s.	7/170	.877mg	1/47									
b	1512	1.65mg	n.s.s.	15/170	.877mg	9/47									
c	1512	4.10mg	n.s.s.	29/170	.877mg	5/47									
d	1512	1.79mg	n.s.s.	55/170	.877mg	15/47									
6458	1395	2.01mg	n.s.s.	9/45	1.00mg	19/51								Schroeder;jnut,105,452-458;1975	
6459	1395	4.93mg	n.s.s.	10/43	.833mg	5/38									
6460	2217	3.10mg	n.s.s.	0/5	25.0mg	0/5	37.3mg	0/5	61.3mg	0/5				Dai;phtx,75,265-273;1994	
VANGUARD GF (ferric nitrosodimethyldithiocarbamate (58.5%) and tetramethylthiuram disulfide (6.5%). 83542-83-0 and 137-26-8) mixture															
6461	1356	24.9mg	n.s.s.	1/17	33.9mg	2/16								Innes;ntis,1968/1969	
a	1356	59.7mg	n.s.s.	0/17	33.9mg	0/16									
b	1356	21.0mg	n.s.s.	2/17	33.9mg	3/16									
6462	1356	27.5mg	n.s.s.	2/18	31.6mg	2/17									
a	1356	59.1mg	n.s.s.	1/18	31.6mg	0/17									
b	1356	30.4mg	n.s.s.	3/18	31.6mg	2/17									
6463	1356	24.3mg	n.s.s.	0/16	33.9mg	2/17									
a	1356	63.4mg	n.s.s.	0/16	33.9mg	0/17									
b	1356	24.3mg	n.s.s.	0/16	33.9mg	2/17									
6464	1356	29.2mg	n.s.s.	0/16	31.6mg	1/16									
a	1356	29.2mg	n.s.s.	0/16	31.6mg	1/16									
b	1356	55.6mg	n.s.s.	0/16	31.6mg	0/16									
c	1356	13.8mg	n.s.s.	0/16	31.6mg	4/16									
VINBLASTINE 865-21-4															
6465	1017	37.8ug	n.s.s.	7/65	10.0ug	1/25								Schmahl;arzn,20,1461-1467;1970	
VINYL ACETATE 108-05-4															
6466	2167m	21.4mg	n.s.s.	0/10	55.3mg	0/10	221.mg	0/10	664.mg	0/10				Bogdanffy;faat,23,215-229;1994	
6467	2167n	47.6mg	n.s.s.	0/10	45.1mg	0/10	180.mg	0/10	541.mg	0/10					
6468	2167o	53.2mg	n.s.s.	0/10	55.3mg	0/10	221.mg	0/10	664.mg	0/10					
6469	2167r	513.mg	n.s.s.	0/60	55.3mg	0/60	221.mg	0/60	664.mg	0/60					
6470	2167m	17.8mg	n.s.s.	0/10	46.1mg	0/10	184.mg	0/10	554.mg	0/10					
6471	2167n	39.2mg	n.s.s.	0/10	38.0mg	0/10	152.mg	0/10	456.mg	0/10					
6472	2167o	44.3mg	n.s.s.	0/10	46.1mg	0/10	184.mg	0/10	554.mg	0/10					
6473	2167r	5.22gm	n.s.s.	0/60	46.1mg	0/60	184.mg	0/60	554.mg	1/60					
a	2167r	428.mg	n.s.s.	1/60	46.1mg	0/60	184.mg	0/60	554.mg	0/60					
6474	BT52	1.70gm	39.6gm	1/37	103.mg	2/37	578.mg	8/37						Maltoni;anya,837,209-238;1997	
a	BT52	2.30gm	22.1gm	0/37	103.mg	0/37	578.mg	6/37							
b	BT52	2.60gm	36.8gm	0/37	103.mg	0/37	578.mg	5/37							
c	BT52	2.09gm	n.s.s.	1/37	103.mg	2/37	578.mg	6/37							
d	BT52	3.03gm	n.s.s.	0/37	103.mg	1/37	578.mg	3/37							
e	BT52	3.54gm	n.s.s.	0/37	103.mg	0/37	578.mg	3/37							
f	BT52	1.94gm	n.s.s.	3/37	103.mg	6/37	578.mg	7/37							

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
g	BT52	2.22gm	n.s.s.	3/37	103.mg	6/37	578.mg	6/37				
h	BT52	4.67gm	n.s.s.	1/37	103.mg	0/37	578.mg	2/37				
i	BT52	4.67gm	n.s.s.	1/37	103.mg	0/37	578.mg	2/37				
j	BT52	4.50gm	n.s.s.	0/37	103.mg	1/37	578.mg	1/37				
k	BT52	5.86gm	n.s.s.	0/37	103.mg	0/37	578.mg	1/37				
l	BT52	5.86gm	n.s.s.	0/37	103.mg	0/37	578.mg	1/37				
m	BT52	5.86gm	n.s.s.	0/37	103.mg	0/37	578.mg	1/37				
n	BT52	5.86gm	n.s.s.	0/37	103.mg	0/37	578.mg	1/37				
o	BT52	1.41gm	n.s.s.	0/37	103.mg	0/37	578.mg	0/37				
p	BT52	851.mg	n.s.s.	12/37	103.mg	10/37	578.mg	20/37				
q	BT52	680.mg	n.s.s.	21/37	103.mg	28/37	578.mg	26/37				
6475	BT52	852.mg	n.s.s.	2/14	96.3mg	2/13	546.mg	3/13				
a	BT52	1.52gm	n.s.s.	0/14	96.3mg	0/13	546.mg	1/13				
b	BT52	1.52gm	n.s.s.	0/14	96.3mg	0/13	546.mg	1/13				
c	BT52	1.52gm	n.s.s.	0/14	96.3mg	0/13	546.mg	1/13				
d	BT52	1.52gm	n.s.s.	0/14	96.3mg	0/13	546.mg	1/13				
e	BT52	778.mg	n.s.s.	4/14	96.3mg	4/13	546.mg	4/13				
f	BT52	1.12gm	n.s.s.	2/14	96.3mg	2/13	546.mg	2/13				
g	BT52	1.21gm	n.s.s.	3/14	96.3mg	4/13	546.mg	2/13				
h	BT52	191.mg	n.s.s.	7/14	96.3mg	6/13	546.mg	11/13				
i	BT52	676.mg	n.s.s.	5/14	96.3mg	3/13	546.mg	5/13				
6476	2167m	5.09mg	n.s.s.	0/10	13.2mg	0/10	52.7mg	0/10	158.mg	0/10	Bogdanffy;faat,23,215-229;1994	
6477	2167n	11.3mg	n.s.s.	0/10	10.7mg	0/10	42.9mg	0/10	129.mg	0/10		
6478	2167o	12.7mg	n.s.s.	0/10	13.2mg	0/10	52.7mg	0/10	158.mg	0/10		
6479	2167r	767.mg	18.2gm	0/60	13.2mg	0/60	52.7mg	0/60	158.mg	4/59		
a	2167r	1.47gm	n.s.s.	0/60	13.2mg	0/60	52.7mg	0/60	158.mg	1/59		
b	2167r	122.mg	n.s.s.	1/60	13.2mg	0/60	52.7mg	0/60	158.mg	0/59		
6480	2167m	3.56mg	n.s.s.	0/10	9.23mg	0/10	36.9mg	0/10	111.mg	0/10		
6481	2167n	7.84mg	n.s.s.	0/10	7.60mg	0/10	30.4mg	0/10	91.2mg	0/10		
6482	2167o	8.86mg	n.s.s.	0/10	9.23mg	0/10	36.9mg	0/10	111.mg	0/10		
6483	2167r	343.mg	2.31gm	0/59	9.23mg	0/60	36.9mg	1/59	111.mg	7/59		
a	2167r	469.mg	10.4gm	0/59	9.23mg	0/60	36.9mg	1/59	111.mg	4/59		
b	2167r	535.mg	12.9gm	0/59	9.23mg	0/60	36.9mg	0/59	111.mg	4/59		
c	2167r	629.mg	n.s.s.	0/59	9.23mg	0/60	36.9mg	0/59	111.mg	3/59		
d	2167r	771.mg	n.s.s.	0/59	9.23mg	0/60	36.9mg	0/59	111.mg	2/59		
e	2167r	1.03gm	n.s.s.	0/59	9.23mg	0/60	36.9mg	0/59	111.mg	1/59		
f	2167r	84.5mg	n.s.s.	0/58	9.23mg	0/59	36.9mg	0/60	111.mg	0/60		
g	2167r	1.04gm	n.s.s.	0/59	9.23mg	0/60	36.9mg	1/59	111.mg	0/59		
6484	1546	181.mg	4.68gm	0/20	44.0mg	2/20	110.mg	5/20			Lijinsky;txap,68,43-53;1983/pers.comm.	
a	1546	198.mg	2.31gm	0/20	44.0mg	0/20	110.mg	6/20				
b	1546	201.mg	4.70gm	0/20	44.0mg	1/20	110.mg	5/20				
c	1546	590.mg	n.s.s.	1/20	44.0mg	0/20	110.mg	1/20				
d	1546	37.7mg	n.s.s.	20/20	44.0mg	18/20	110.mg	19/20				
6485	1546	45.4mg	n.s.s.	0/20	27.5mg	4/20	(68.1mg	2/20)				
a	1546	254.mg	n.s.s.	1/20	27.5mg	2/20	68.1mg	1/20				
b	1546	14.8mg	n.s.s.	18/20	27.5mg	16/20	68.1mg	20/20				
VINYL BROMIDE 593-60-2												
6486	1466	8.74mg	107.mg	3/142	2.95mg	12/101	(14.4mg	9/113	63.5mg	10/118	343.mg	5/112)
a	1466	13.9mg	27.9mg	1/144	2.95mg	10/120	14.4mg	50/120	(63.5mg	61/120	343.mg	41/120)
b	1466	1.12gm	6.44gm	0/139	2.95mg	0/99	14.4mg	3/113	63.5mg	2/119	343.mg	11/114
c	1466	175.mg	n.s.s.	7/142	2.95mg	18/101	14.4mg	12/113	63.5mg	21/118	(343.mg	9/112)
d	1466	282.mg	n.s.s.	4/142	2.95mg	6/101	14.4mg	3/113	63.5mg	11/118	(343.mg	4/112)
6487	1466	12.3mg	27.2mg	0/144	2.11mg	7/120	8.88mg	36/120	(38.9mg	61/120	232.mg	43/120)
a	1466	281.mg	647.mg	2/142	2.11mg	1/99	8.88mg	1/112	38.9mg	13/114	232.mg	35/116
b	1466	1.14gm	27.3gm	0/142	2.11mg	0/99	8.88mg	1/112	38.9mg	3/114	232.mg	5/116

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc								Citation or Pathology	Brkly Code
d	1BT17	.596mg	n.s.s.	3/90	36.6ug	2/96											
6529	1BT7	271.mg	1.32gm	0/34	2.05mg	0/22	10.6mg	1/17	18.6mg	3/18	120.mg	3/11	276.mg	3/14			
				479.mg	8/12												
a	1BT7	1.22gm	21.2gm	0/36	2.05mg	0/22	10.6mg	0/18	18.6mg	0/19	120.mg	0/12	276.mg	2/16			
				479.mg	2/18												
b	1BT7	1.57gm	21.8gm	0/38	2.05mg	0/28	10.6mg	0/25	18.6mg	0/26	120.mg	1/22	276.mg	1/25			
				479.mg	3/24												
c	1BT7	860.mg	n.s.s.	0/33	2.05mg	0/22	10.6mg	0/16	18.6mg	1/15	120.mg	0/9	276.mg	2/12			
				479.mg	0/8												
d	1BT7	1.47gm	n.s.s.	0/36	2.05mg	0/22	10.6mg	0/18	18.6mg	0/19	120.mg	1/12	276.mg	2/16			
				479.mg	0/18												
e	1BT7	1.04gm	n.s.s.	0/34	2.05mg	1/22	10.6mg	0/17	18.6mg	2/17	120.mg	0/11	276.mg	2/14			
				479.mg	1/12												
f	1BT7	991.mg	n.s.s.	1/33	2.05mg	0/21	10.6mg	1/14	18.6mg	0/14	120.mg	1/8	276.mg	1/11			
				479.mg	0/7												
g	1BT7	4.03gm	n.s.s.	0/38	2.05mg	0/28	10.6mg	1/27	18.6mg	0/28	120.mg	0/25	276.mg	1/26			
				479.mg	0/27												
h	1BT7	485.mg	n.s.s.	11/38	2.05mg	7/28	10.6mg	5/27	18.6mg	12/28	120.mg	11/25	276.mg	11/26			
				479.mg	14/27												
6530	1170	98.3mg	n.s.s.	0/10	781.mg	3/9										Feron;txcy,13,131-141;1979/1979a	
a	1170	98.3mg	n.s.s.	0/10	781.mg	3/9											
b	1170	130.mg	n.s.s.	0/10	781.mg	2/9											
c	1170	185.mg	n.s.s.	0/10	781.mg	1/9											
d	1170	362.mg	n.s.s.	0/10	781.mg	0/9											
6531	1760	4.36mg	32.7mg	0/19	1.07mg	0/20	10.7mg	7/19	(321.mg	17/20)						Bi;eaes,10,281-289;1985/pers.comm.	
a	1760	88.3mg	617.mg	0/19	1.07mg	0/20	10.7mg	2/19	321.mg	9/20							
b	1760	208.mg	n.s.s.	1/19	1.07mg	1/20	10.7mg	3/19	321.mg	4/20							
c	1760	503.mg	n.s.s.	0/19	1.07mg	0/20	10.7mg	2/19	321.mg	1/20							
d	1760	503.mg	n.s.s.	0/19	1.07mg	0/20	10.7mg	2/19	321.mg	1/20							
e	1760	469.mg	n.s.s.	1/19	1.07mg	1/20	10.7mg	2/19	321.mg	1/20							
f	1760	674.mg	n.s.s.	0/19	1.07mg	0/20	10.7mg	1/19	321.mg	0/20							
g	1760	2.63mg	15.7mg	1/19	1.07mg	1/20	10.7mg	11/19	(321.mg	19/20)							
VINYL FLUORIDE 75-02-5																	
6532	2354o	8.19mg	25.0mg	0/69	14.8mg	22/70	(148.mg	20/68	1.48gm	19/69)						Bogdanffy;faat,26,223-238;1995/pers.comm.	
a	2354o	8.19mg	25.0mg	0/69	14.8mg	22/70	(148.mg	20/68	1.48gm	20/69)							
b	2354o	13.4mg	57.5mg	0/71	14.8mg	13/71	(148.mg	25/70	1.48gm	32/71)							
c	2354o	34.6mg	101.mg	9/71	14.8mg	23/70	148.mg	46/70	(1.48gm	50/71)							
d	2354o	34.6mg	101.mg	9/71	14.8mg	23/70	148.mg	46/70	(1.48gm	50/71)							
e	2354o	1.63gm	n.s.s.	1/71	14.8mg	7/71	148.mg	6/69	1.48gm	12/71							
f	2354o	8.26gm	n.s.s.	0/71	14.8mg	0/71	148.mg	1/70	1.48gm	0/71							
6533	2354o	3.66mg	10.8mg	11/71	12.3mg	44/70	(123.mg	48/70	1.23gm	50/71)							
a	2354o	3.66mg	10.8mg	11/71	12.3mg	44/70	(123.mg	48/70	1.23gm	50/71)							
b	2354o	10.5mg	48.2mg	1/71	12.3mg	16/70	(123.mg	42/70	1.23gm	42/71)							
c	2354o	587.mg	2.21gm	3/70	12.3mg	13/69	123.mg	12/70	1.23gm	31/70							
d	2354o	13.5mg	n.s.s.	7/71	12.3mg	15/70	(123.mg	5/70	1.23gm	3/71)							
e	2354o	2.88gm	n.s.s.	1/71	12.3mg	1/70	123.mg	4/70	1.23gm	4/71							
f	2354o	10.4gm	n.s.s.	2/71	12.3mg	2/70	123.mg	1/70	1.23gm	0/71							
6534	2354m	104.mg	n.s.s.	0/10	3.52mg	0/10	35.2mg	0/10	352.mg	1/10							
a	2354m	1.64mg	n.s.s.	0/10	3.52mg	0/10	35.2mg	0/10	352.mg	0/10							
6535	2354n	167.mg	n.s.s.	0/10	3.52mg	0/10	35.2mg	0/10	352.mg	2/10							
a	2354n	234.mg	n.s.s.	0/10	3.52mg	0/10	35.2mg	0/10	352.mg	1/10							
b	2354n	206.mg	n.s.s.	0/10	3.52mg	1/10	35.2mg	2/10	352.mg	1/10							
c	2354n	347.mg	n.s.s.	0/10	3.52mg	1/10	35.2mg	2/10	352.mg	0/10							
d	2354n	307.mg	n.s.s.	0/10	3.52mg	0/10	35.2mg	1/10	352.mg	0/10							
6536	2354o	7.49mg	56.7mg	0/60	3.52mg	8/60	(35.2mg	18/60	352.mg	15/60)							

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
a	2354o	73.8mg	4.10gm	0/60	3.52mg	3/60	35.2mg	7/60	(352.mg 5/60)		
b	2354o	73.8mg	4.10gm	0/60	3.52mg	3/60	35.2mg	7/60	(352.mg 7/60)		
c	2354o	715.mg	3.85gm	0/60	3.52mg	0/60	35.2mg	1/60	352.mg 9/60		
d	2354o	1.91gm	n.s.s.	0/60	3.52mg	0/60	35.2mg	0/60	352.mg 2/60		
6537	2354m	52.1mg	n.s.s.	0/10	2.47mg	0/10	24.7mg	0/10	247.mg 2/10		
a	2354m	1.15mg	n.s.s.	0/10	2.47mg	0/10	24.7mg	0/10	247.mg 0/10		
6538	2354n	2.58mg	n.s.s.	0/10	2.47mg	0/10	24.7mg	0/10	247.mg 0/10		
a	2354n	165.mg	n.s.s.	1/10	2.47mg	1/10	24.7mg	2/10	247.mg 1/10		
b	2354n	262.mg	n.s.s.	0/10	2.47mg	1/10	24.7mg	1/10	247.mg 0/10		
c	2354n	269.mg	n.s.s.	1/10	2.47mg	0/10	24.7mg	1/10	247.mg 0/10		
6539	2354o	16.3mg	40.9mg	0/60	2.47mg	4/60	24.7mg	29/60	(247.mg 20/60)		
a	2354o	686.mg	5.53gm	0/60	2.47mg	2/60	24.7mg	3/60	247.mg 9/60		
b	2354o	64.0mg	n.s.s.	0/60	2.47mg	3/60	24.7mg	5/60	(247.mg 1/60)		
c	2354o	1.24gm	n.s.s.	3/60	2.47mg	6/60	24.7mg	5/60	247.mg 4/60		
VINYL TOLUENE (65-71% m- and 32-35% p-) 25013-15-4											
6540	TR375	73.0mg	n.s.s.	29/50	14.9mg	27/50	37.3mg	17/50			
a	TR375	52.8mg	n.s.s.	9/50	14.9mg	5/50	(37.3mg 2/50)			liv:hpa,hpc,nnd.	
b	TR375	112.mg	n.s.s.	3/50	14.9mg	2/50	37.3mg 4/50			lun:a/a,a/c.	
6541	TR375	17.4mg	n.s.s.	33/50	12.4mg	23/50	(31.1mg 20/50)				
a	TR375	73.7mg	n.s.s.	17/50	12.4mg	14/50	31.1mg 14/50			liv:hpa,hpc,nnd.	
b	TR375	38.9mg	n.s.s.	12/50	12.4mg	5/50	(31.1mg 2/50)			lun:a/a,a/c.	
6542	TR375	52.1mg	n.s.s.	48/50	35.8mg	41/50	107.mg 46/50				
a	TR375	n.s.s.	n.s.s.	0/50	35.8mg	0/50	107.mg 0/50			liv:hpa,hpc,nnd.	
6543	TR375	41.3mg	n.s.s.	48/50	25.1mg	48/50	75.2mg 48/50				
a	TR375	213.mg	n.s.s.	2/50	25.1mg	2/50	75.2mg 1/50			liv:hpa,hpc,nnd.	
4-VINYLCYCLOHEXENE 100-40-3											
6544	TR303	66.7mg	145.mg	1/50	142.mg	33/50	283.mg 24/50			ova:gcc,gct,mtb. C	
a	TR303	65.9mg	187.mg	0/50	142.mg	25/50	(283.mg 11/50)			ova:gcc,gct.	
b	TR303	181.mg	672.mg	1/50	142.mg	10/50	283.mg 13/50				
c	TR303	204.mg	888.mg	1/50	142.mg	9/50	283.mg 11/50				
d	TR303	376.mg	72.6gm	1/50	142.mg	6/50	283.mg 5/50			mln:mlp; mul:mlp; smi:mlp. S	
e	TR303	450.mg	6.37gm	0/50	142.mg	3/50	283.mg 4/50				
f	TR303	77.9mg	802.mg	28/50	142.mg	47/50	283.mg 30/50				
g	TR303	506.mg	n.s.s.	1/50	142.mg	3/50	283.mg 3/50			liv:hpa,hpc,nnd.	
h	TR303	799.mg	n.s.s.	6/50	142.mg	1/50	283.mg 4/50			lun:a/a,a/c.	
6545	TR303	206.mg	n.s.s.	4/50	142.mg	11/50	283.mg 4/50			lun:a/a,a/c. S	
a	TR303	245.mg	n.s.s.	4/50	142.mg	7/50	283.mg 5/50			mln:mlh; mul:mlh,mlm,mlp; spl:mlm. S	
b	TR303	347.mg	n.s.s.	1/50	142.mg	4/50	283.mg 3/50			S	
c	TR303	112.mg	n.s.s.	26/50	142.mg	33/50	283.mg 12/50				
d	TR303	216.mg	n.s.s.	18/50	142.mg	20/50	283.mg 6/50			liv:hpa,hpc,nnd.	
e	TR303	206.mg	n.s.s.	4/50	142.mg	11/50	283.mg 4/50			lun:a/a,a/c.	
6546	TR303	199.mg	n.s.s.	1/50	141.mg	5/50	(280.mg 0/50)			cli:adn,sgc. S	
a	TR303	98.8mg	n.s.s.	38/50	141.mg	37/50	280.mg 18/50				
b	TR303	766.mg	n.s.s.	1/50	141.mg	2/50	280.mg 0/50			liv:hpa,hpc,nnd.	
6547	TR303	34.7mg	166.mg	35/50	141.mg	30/50	280.mg 29/50			S	
a	TR303	265.mg	4.36gm	0/50	141.mg	1/50	280.mg 4/50			ski:sgc,sgp. S	
b	TR303	287.mg	12.5gm	0/50	141.mg	1/50	280.mg 3/50			S	
c	TR303	66.5mg	n.s.s.	17/50	141.mg	16/50	280.mg 8/50			adr:phe,phm. S	
d	TR303	51.9mg	n.s.s.	38/50	141.mg	31/50	280.mg 19/50				
e	TR303	477.mg	n.s.s.	1/50	141.mg	1/50	280.mg 0/50			liv:hpa,hpc,nnd.	
VINYLDIENE CHLORIDE (1,1-dichloroethylene) 75-35-4											
6548	TR228	1.54mg	n.s.s.	7/50	1.43mg	15/50	(7.14mg 7/50)			---:leu,lym. S	
a	TR228	1.65mg	n.s.s.	2/50	1.43mg	9/50	(7.14mg 6/50)			S	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc		Citation or Pathology	Brkly Code
b	TR228	.838mg	n.s.s.	23/50	1.43mg	33/50	(7.14mg	21/50)			
c	TR228	28.7mg	n.s.s.	4/50	1.43mg	3/50	7.14mg	3/50		liv:hpa,hpc,nnd.	
d	TR228	19.2mg	n.s.s.	1/50	1.43mg	1/50	7.14mg	4/50		lun:a/a,a/c.	
6549	TR228	6.01mg	n.s.s.	30/50	1.43mg	22/50	7.14mg	33/50			
a	TR228	11.1mg	n.s.s.	15/50	1.43mg	9/50	7.14mg	15/50		liv:hpa,hpc,nnd.	
b	TR228	12.8mg	n.s.s.	5/50	1.43mg	5/50	7.14mg	8/50		lun:a/a,a/c.	
6550	357	27.7mg	n.s.s.	0/16	68.6mg	1/15				Lee;jtxe,4,15-30;1978	
a	357	27.7mg	n.s.s.	0/16	68.6mg	1/15					
b	357	53.0mg	n.s.s.	0/16	68.6mg	0/15					
6551	1113m	31.8mg	n.s.s.	1/28	22.9mg	0/12				Hong;jtxe,7,909-924;1981/1980	
a	1113m	31.8mg	n.s.s.	1/28	22.9mg	0/12					
b	1113m	31.8mg	n.s.s.	7/28	22.9mg	0/12					
6552	1113m	17.5mg	n.s.s.	4/28	19.0mg	1/12					
a	1113m	17.5mg	n.s.s.	4/28	19.0mg	1/12					
6553	BT402n	38.9mg	578.mg	1/89	7.72mg	12/118				Maltoni;aric,3,1-229;1985/1977	
a	BT402n	46.6mg	n.s.s.	3/89	7.72mg	11/119					
b	BT402n	140.mg	n.s.s.	0/78	7.72mg	1/111					
c	BT402n	178.mg	n.s.s.	2/77	7.72mg	1/109					
d	BT402n	16.5mg	179.mg	14/89	7.72mg	41/119					
e	BT402n	38.1mg	n.s.s.	3/90	7.72mg	14/120					
6554	BT402n	13.6mg	38.7mg	0/66	6.43mg	25/98					
a	BT402n	28.3mg	n.s.s.	3/87	6.43mg	16/120					
b	BT402n	92.2mg	n.s.s.	0/60	6.43mg	1/88					
c	BT402n	94.4mg	n.s.s.	2/62	6.43mg	2/92					
d	BT402n	11.1mg	39.7mg	9/87	6.43mg	45/120					
e	BT402n	25.3mg	350.mg	3/90	6.43mg	18/120					
6555	TR228	3.65mg	n.s.s.	42/50	.714mg	38/50	3.57mg	36/50			
a	TR228	31.4mg	n.s.s.	4/50	.714mg	0/50	3.57mg	0/50		liv:hpa,hpc,nnd.	
6556	TR228	2.81mg	n.s.s.	29/50	.714mg	25/50	3.57mg	43/50			
a	TR228	10.1mg	n.s.s.	1/50	.714mg	3/50	3.57mg	3/50		liv:hpa,hpc,nnd.	
6557	357	12.6mg	n.s.s.	0/15	16.3mg	0/15				Lee;jtxe,4,15-30;1978	
6558	1113m	5.05mg	n.s.s.	0/8	5.44mg	0/8				Hong;jtxe,7,909-924;1981/1980	
6559	1113n	20.4mg	n.s.s.	0/16	7.42mg	0/16					
6560	1113m	3.53mg	n.s.s.	0/8	3.81mg	0/8					
6561	1113n	12.5mg	n.s.s.	1/16	5.19mg	0/14					
6562	BT4002	138.mg	n.s.s.	0/22	23.3mg	1/26				Maltoni;aric,3,1-229;1985	
a	BT4002	33.9mg	n.s.s.	35/60	23.3mg	37/54					
6563	BT403	1.05mg	n.s.s.	1/7	1.14mg	0/4	2.27mg	0/7	4.55mg	0/2	
a	BT403	6.94mg	n.s.s.	1/7	1.14mg	0/4	2.27mg	1/6	4.55mg	0/2	
b	BT403	19.2mg	n.s.s.	63/99	1.14mg	32/50	2.27mg	28/50	4.55mg	25/48	
6564	BT404	80.1ug	n.s.s.	0/10	.123mg	1/4					
a	BT404	.305mg	n.s.s.	38/74	.123mg	23/47					
6565	BT403	.702mg	n.s.s.	0/17	1.14mg	0/2	2.27mg	0/6	4.55mg	0/3	
a	BT403	.702mg	n.s.s.	0/17	1.14mg	0/2	2.27mg	0/6	4.55mg	0/3	
b	BT403	42.7mg	n.s.s.	29/100	1.14mg	11/49	2.27mg	9/48	4.55mg	9/49	
6566	BT404	.303mg	n.s.s.	0/6	.123mg	0/7					
a	BT404	.466mg	n.s.s.	13/68	.123mg	10/47					
6567	1655	74.1mg	n.s.s.	1/80	2.86mg	1/48	5.71mg	0/48	11.4mg	2/48	Quast;faat,3,55-62;1983
a	1655	106.mg	n.s.s.	0/80	2.86mg	0/48	5.71mg	0/48	11.4mg	1/48	
b	1655	8.69mg	n.s.s.	53/75	2.86mg	40/47	5.71mg	36/47	11.4mg	35/48	
c	1655	19.3mg	n.s.s.	25/76	2.86mg	22/44	5.71mg	18/46	11.4mg	14/42	
6568	1799	6.68mg	n.s.s.	64/84	5.30mg	68/86	16.1mg	74/84			Quast;faat,6,105-144;1986
a	1799	19.4mg	n.s.s.	1/84	5.30mg	7/86	(16.1mg	4/84)			
b	1799	214.mg	n.s.s.	0/84	5.30mg	1/86	16.1mg	0/84			
6569	1655	86.2mg	n.s.s.	2/80	2.50mg	0/48	5.00mg	1/48	10.0mg	1/47	Quast;faat,3,55-62;1983
a	1655	14.1mg	n.s.s.	1/80	2.50mg	0/48	5.00mg	0/48	10.0mg	0/47	

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology		Brkly Code
6570	1799	49.0mg	n.s.s.	1/86	3.71mg	0/85	11.3mg	0/86	Quast;faat,6,105-144;1986	
VINYLLIDENE FLUORIDE 75-38-7										
6571	BT801	14.8mg	n.s.s.	0/30	.977mg	0/30	1.96mg	2/35	Maltoni;lmdl,5,363-368;1979	
	a	BT801	19.9mg	n.s.s.	0/30	.977mg	0/30	1.96mg	1/35	
	b	BT801	7.77mg	n.s.s.	0/30	.977mg	0/30	1.96mg	0/35	
6572	BT801	11.7mg	n.s.s.	0/26	.977mg	1/27	1.96mg	2/35		
	a	BT801	22.3mg	n.s.s.	1/26	.977mg	0/27	1.96mg	1/35	
	b	BT801	7.21mg	n.s.s.	0/26	.977mg	0/27	1.96mg	0/35	
N-VINYLPYRROLIDONE-2 88-12-0										
6573	2542m	3.22mg	n.s.s.	0/10	1.70mg	0/10	3.40mg	0/10	6.80mg	1/10
	a	2542m	.501mg	n.s.s.	0/10	1.70mg	0/10	3.40mg	0/10	6.80mg
6574	2542n	8.05mg	20.8mg	1/70	1.70mg	3/60	3.40mg	6/60	6.80mg	26/60
	a	2542n	12.3mg	39.2mg	0/70	1.70mg	2/60	3.40mg	8/60	12/60
	b	2542n	41.5mg	3.56gm	0/70	1.70mg	0/60	3.40mg	0/60	6.80mg
	c	2542n	41.5mg	3.56gm	0/70	1.70mg	0/60	3.40mg	0/60	6.80mg
	d	2542n	3.35mg	18.6mg	25/70	6.80mg	42/60			
	e	2542n	8.60mg	n.s.s.	69/70	6.80mg	50/60			
6575	2542m	1.70mg	n.s.s.	0/10	1.19mg	1/10	2.38mg	0/10	4.76mg	1/10
	a	2542m	.351mg	n.s.s.	0/10	1.19mg	0/10	2.38mg	0/10	4.76mg
6576	2542n	7.37mg	36.4mg	0/70	1.19mg	8/60	2.38mg	9/60	4.76mg	10/60
	a	2542n	7.27mg	26.7mg	1/70	1.19mg	6/60	2.38mg	5/60	4.76mg
	b	2542n	16.1mg	105.mg	0/70	1.19mg	0/60	2.38mg	4/60	4.76mg
	c	2542n	29.0mg	2.49gm	0/70	1.19mg	0/60	2.38mg	0/60	4.76mg
	d	2542n	2.88mg	12.1mg	14/70	4.76mg	35/60			
	e	2542n	.543mg	n.s.s.	64/70	4.76mg	59/60			
FD & C VIOLET NO. 1 (benzyl violet 4B) 1694-09-3										
6577	1354	480.mg	n.s.s.	8/42	9.10mg	7/43	91.0mg	7/42	455.mg	12/48
	a	1354	42.6mg	n.s.s.	0/42	9.10mg	0/43	91.0mg	0/42	455.mg
6578	1354	1.15gm	n.s.s.	0/42	8.40mg	0/45	84.0mg	1/42	420.mg	1/46
	a	1354	40.9mg	n.s.s.	0/42	8.40mg	0/45	84.0mg	0/42	420.mg
	b	1354	519.mg	n.s.s.	18/42	8.40mg	13/45	84.0mg	18/42	420.mg
6579	1364	430.mg	n.s.s.	0/10	2.50gm	5/16			Uematsu;jnci,51,1337-1338;1973	
	a	1364	549.mg	n.s.s.	0/10	2.50gm	4/17			
	b	1364	261.mg	2.03gm	0/10	2.50gm	9/17			
	c	1364	274.mg	n.s.s.	1/10	2.50gm	9/17			
6580	1364	2.06gm	n.s.s.	0/10	2.00gm	0/20				
6581	1643	325.mg	1.14gm	0/35	2.41gm	18/35			Ikeda;txcy,2,275-284;1974	
	a	1643	547.mg	2.72gm	0/35	2.41gm	11/35			
	b	1643	246.mg	779.mg	0/35	2.41gm	22/35			
VOGLIBOSE (AO-128) 83480-29-9										
6582	2446	1.00gm	n.s.s.	6/61	107.mg	1/60			Atkinson;jjpt,19,4427-4438;1991/pers.comm.	
	a	2446	1.25gm	n.s.s.	1/61	107.mg	0/60			
6583	2446	299.mg	n.s.s.	1/59	107.mg	3/60				
	a	2446	417.mg	n.s.s.	2/59	107.mg	2/60			
	b	2446	417.mg	n.s.s.	2/59	107.mg	2/60			
6584	2433	46.1mg	n.s.s.	8/120	2.14mg	5/60	7.14mg	8/60	21.4mg	10/60
	a	2433	265.mg	n.s.s.	0/120	21.4mg	0/60		Nonoyama;jjpt,19,4415-4425;1991/pers.comm.	
6585	2433	3.76mg	448.mg	101/120	2.14mg	55/60	7.14mg	55/60	21.4mg	58/60
	a	2433	112.mg	n.s.s.	1/120	21.4mg	2/60			
	b	2433	153.mg	n.s.s.	1/120	21.4mg	1/60			

RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
WATANIDIPINE.HCl 133743-71-2											
6586	2576	73.5mg	n.s.s.	0/50	39.0mg	3/50				Ishida;jjpt,25,227-246;1997	
a	2576	86.7mg	n.s.s.	2/50	39.0mg	3/50					
b	2576	137.mg	n.s.s.	1/50	39.0mg	1/50					
c	2576	43.0mg	n.s.s.	10/50	39.0mg	12/50					
6587	2576	84.6mg	n.s.s.	1/50	10.8mg	3/50	36.0mg	2/50			
a	2576	n.s.s.	n.s.s.	10/50	10.8mg	10/50	36.0mg	10/50			
b	2576	123.mg	n.s.s.	6/50	10.8mg	2/50	36.0mg	3/50			
c	2576	158.mg	n.s.s.	0/50	10.8mg	1/50	36.0mg	0/50			
d	2576	47.7mg	n.s.s.	20/50	10.8mg	21/50	36.0mg	16/50			
6588	2575	82.9mg	n.s.s.	0/50	15.0mg	1/50				Ishida;jjpt,25,247-270;1997	
a	2575	7.26mg	n.s.s.	40/50	15.0mg	42/50					
6589	2575	52.2mg	n.s.s.	3/50	12.0mg	3/50					
a	2575	n.s.s.	n.s.s.	50/50	12.0mg	50/50					
WINGSTAY 100 68953-84-4											
6590	2547m	2.28mg	n.s.s.	0/12	2.65mg	0/20	15.5mg	0/20	95.0mg	0/20	Iatropoulos;extp,49,153-165;1997/pers.comm.
a	2547m	50.4mg	n.s.s.	1/12	2.65mg	2/20	15.5mg	0/20	95.0mg	2/20	
6591	2547n	.841mg	n.s.s.	0/5	2.15mg	0/6	12.6mg	0/6	77.2mg	0/6	
a	2547n	.841mg	n.s.s.	0/5	2.15mg	0/6	12.6mg	0/6	77.2mg	0/6	
b	2547n	13.4mg	n.s.s.	1/5	2.15mg	0/6	12.6mg	1/6	77.2mg	2/6	
6592	2547m	1.82mg	n.s.s.	0/12	2.12mg	0/20	12.4mg	0/20	76.0mg	0/20	
a	2547m	38.4mg	n.s.s.	1/12	2.12mg	0/20	12.4mg	0/20	76.0mg	2/20	
6593	2547n	.673mg	n.s.s.	0/5	1.72mg	0/6	10.1mg	0/6	61.8mg	0/6	
a	2547n	.673mg	n.s.s.	0/5	1.72mg	0/6	10.1mg	0/6	61.8mg	0/6	
b	2547n	5.65mg	n.s.s.	5/5	1.72mg	1/6	10.1mg	5/6	61.8mg	4/6	
XIBENOLOL.HCl 15263-30-6											
6594	2380	996.mg	n.s.s.	3/50	57.6mg	3/48	230.mg	2/50			Horiuchi;phrm,30,705-721;1985
a	2380	1.01gm	n.s.s.	9/50	57.6mg	4/48	230.mg	4/50			
b	2380	279.mg	n.s.s.	28/50	57.6mg	26/48	230.mg	25/50			
6595	2380	287.mg	n.s.s.	12/50	53.2mg	12/50	213.mg	14/49			
a	2380	431.mg	n.s.s.	19/50	53.2mg	14/50	213.mg	14/49			
b	2380	115.mg	n.s.s.	33/50	53.2mg	33/50	213.mg	35/49			
XYLAZINE.HCl (2-(2,6-dimethylpheyldamino)-4H-5,6-dihydro-1,3-thiazine.HCl) 23076-35-9											
6596	2655	10.8mg	n.s.s.	0/10	39.2mg	1/10				Yasuhara;carc,22,613-618;2001	
XYLENE MIXTURE (50.31% m-XYLENE, 26.9% o-XYLENE, 22.24% p-XYLENE) (CAS# 108-38-3, 95-47-6, and 106-42-3) 1330-20-7											
6597	BT911	1.24gm	n.s.s.	3/50	387.mg	7/50					Maltoni;anya,837,15-52;1997
a	BT911	1.40gm	n.s.s.	3/50	387.mg	6/50					
b	BT911	1.64gm	n.s.s.	1/50	387.mg	4/50					
c	BT911	2.46gm	n.s.s.	1/50	387.mg	2/50					
d	BT911	5.57gm	n.s.s.	1/50	387.mg	0/50					
e	BT911	652.mg	n.s.s.	11/50	387.mg	18/50					
f	BT911	697.mg	n.s.s.	35/50	387.mg	31/50					
6598	BT904m	979.mg	420.gm	0/50	237.mg	4/40					Maltoni;ajim,7,415-446;1985/1997a
a	BT904m	581.mg	n.s.s.	7/50	237.mg	11/40					
b	BT904m	1.24gm	n.s.s.	1/50	237.mg	3/40					
c	BT904m	132.mg	10.4gm	30/50	237.mg	34/40					
d	BT904m	262.mg	2.26gm	10/49	237.mg	22/40					
6599	BT911	1.25gm	n.s.s.	1/50	387.mg	6/50					Maltoni;anya,837,15-52;1997
a	BT911	1.53gm	n.s.s.	0/50	387.mg	4/50					
b	BT911	1.40gm	n.s.s.	5/50	387.mg	7/50					
c	BT911	2.99gm	n.s.s.	0/50	387.mg	1/50					
d	BT911	3.39gm	n.s.s.	1/50	387.mg	1/50					

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
e	BT911	627.mg	n.s.s.	12/50	387.mg	19/50				
f	BT911	528.mg	n.s.s.	27/50	387.mg	29/50				
6600	BT904m	1.43gm	n.s.s.	0/50	237.mg	2/40			Maltoni;ajim,7,415-446;1985/1997a	
a	BT904m	991.mg	n.s.s.	3/50	237.mg	5/40				
b	BT904m	1.24gm	n.s.s.	1/50	237.mg	3/40				
c	BT904m	2.13gm	n.s.s.	1/50	237.mg	1/40				
d	BT904m	483.mg	n.s.s.	11/45	237.mg	14/38				
e	BT904m	446.mg	n.s.s.	29/50	237.mg	23/40				
XYLENE MIXTURE (60% m-XYLENE, 9% o-XYLENE, 14% p-XYLENE, 17% ETHYLBENZENE) 1330-20-7										
6601	TR327	1.82gm	n.s.s.	0/50	350.mg	2/50	707.mg	3/50		S
a	TR327	636.mg	n.s.s.	41/50	350.mg	42/50	707.mg	32/50		
b	TR327	1.63gm	n.s.s.	3/50	350.mg	3/50	707.mg	5/50	liv:hpa,hpc,nnd. lun:a/a,a/c.	
c	TR327	1.40gm	n.s.s.	4/50	350.mg	5/50	707.mg	7/50		
6602	TR327	847.mg	n.s.s.	36/50	352.mg	37/50	707.mg	33/50		
a	TR327	1.71gm	n.s.s.	18/50	352.mg	13/50	707.mg	14/50	liv:hpa,hpc,nnd. lun:a/a,a/c.	
b	TR327	1.50gm	n.s.s.	3/50	352.mg	5/50	707.mg	6/50		
6603	TR327	1.24gm	n.s.s.	0/50	175.mg	0/50	354.mg	3/50		S
a	TR327	200.mg	n.s.s.	46/50	175.mg	45/50	354.mg	46/50		
b	TR327	1.40gm	n.s.s.	2/50	175.mg	2/50	354.mg	2/50	liv:hpa,hpc,nnd.	
6604	TR327	145.mg	n.s.s.	45/50	176.mg	45/50	354.mg	32/50		
a	TR327	1.23gm	n.s.s.	3/50	176.mg	2/50	354.mg	1/50	liv:hpa,hpc,nnd.	
2,4-XYLIDINE.HCl 21436-96-4										
6605	381	5.45mg	103.mg	5/22	13.9mg	5/18	29.3mg	11/19	Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	122.mg	n.s.s.	1/22	13.9mg	0/18	29.3mg	0/19		
b	381	4.28mg	n.s.s.	18/22	13.9mg	11/18	29.3mg	16/19		
6606	381	5.74mg	89.6mg	31/102p	13.9mg	5/18	29.3mg	11/19		
6607	381	9.11mg	n.s.s.	1/18	12.9mg	2/20	27.0mg	1/19		
a	381	14.5mg	n.s.s.	8/18	12.9mg	2/20	27.0mg	3/19		
b	381	8.40mg	n.s.s.	13/18	12.9mg	8/20	27.0mg	9/19		
6608	381	63.9mg	n.s.s.	0/16	23.6mg	1/20	47.3mg	1/24		
a	381	6.86mg	n.s.s.	9/16	23.6mg	14/20	(47.3mg)	15/24)		
2,5-XYLIDINE.HCl 51786-53-9										
6609	381	217.mg	3.20gm	0/13	669.mg	5/16	1.56gm	2/20	Weisburger;jept,2,325-356;1978/pers.comm./Russfield 1973	
a	381	217.mg	3.20gm	0/13	669.mg	5/16	1.56gm	2/20		
b	381	403.mg	15.3gm	3/13	669.mg	2/16	1.56gm	4/20		
c	381	196.mg	3.12gm	9/13	669.mg	8/16	1.56gm	7/20		
6610	381	217.mg	2.01gm	1/102p	669.mg	5/16	1.56gm	2/20		
6611	381	294.mg	6.83gm	2/16	617.mg	4/18	1.44gm	3/19		
a	381	299.mg	48.4gm	2/16	617.mg	4/18	1.44gm	2/19		
b	381	149.mg	1.55gm	9/16	617.mg	12/18	1.44gm	12/19		
6612	381	324.mg	2.11gm	5/99p	617.mg	5/18	1.44gm	7/19		
6613	381	272.mg	n.s.s.	1/17	120.mg	1/17	240.mg	1/17		
a	381	19.1mg	747.mg	13/17	120.mg	12/17	(240.mg)	12/17)		
6614	381	69.6mg	475.mg	18/111p	120.mg	7/17	240.mg	9/17		
C.I. DISPERSE YELLOW 3 2832-40-8										
6615	TR222	590.mg	3.05gm	2/50	319.mg	10/50	638.mg	17/50		liv:hpa,hpc.
a	TR222	769.mg	2.96gm	0/50	319.mg	6/50	638.mg	12/50		
b	TR222	654.mg	n.s.s.	10/50	319.mg	17/50	638.mg	20/50		---:leu,lym. S
c	TR222	689.mg	n.s.s.	10/50	319.mg	16/50	638.mg	19/50		
d	TR222	362.mg	n.s.s.	20/50	319.mg	33/50	638.mg	36/50		
e	TR222	590.mg	3.05gm	2/50	319.mg	10/50	638.mg	17/50	liv:hpa,hpc,nnd.	
f	TR222	3.62gm	n.s.s.	6/50	319.mg	0/50	638.mg	4/50	lun:a/a,a/c.	

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
6616	TR222	960.mg	n.s.s.	2/50	294.mg	6/50	589.mg	9/50				S
a	TR222	624.mg	n.s.s.	33/50	294.mg	26/50	589.mg	33/50				
b	TR222	1.31gm	n.s.s.	20/50	294.mg	12/50	589.mg	16/50			liv:hpa,hpc,nnd.	
c	TR222	977.mg	n.s.s.	3/50	294.mg	7/50	589.mg	9/50			lun:a/a,a/c.	
6617	TR222	232.mg	n.s.s.	38/50	248.mg	40/50	(495.mg)	25/50)				
a	TR222	2.42gm	n.s.s.	2/50	248.mg	1/50	495.mg	3/50			liv:hpa,hpc,nnd.	
6618	TR222	196.mg	1.80gm	1/50	198.mg	15/50	(396.mg)	10/50)				
a	TR222	397.mg	n.s.s.	2/50	198.mg	15/50	396.mg	11/50			liv:hpc,nnd.	
b	TR222	1.41gm	n.s.s.	0/50	198.mg	3/50	396.mg	1/50				
c	TR222	569.mg	n.s.s.	37/50	198.mg	37/50	396.mg	32/50				
d	TR222	397.mg	n.s.s.	2/50	198.mg	15/50	396.mg	11/50			liv:hpa,hpc,nnd.	
C.I. PIGMENT YELLOW 12 (diarylanilide yellow) 6358-85-6												
6619	TR30	10.1gm	n.s.s.	12/50	2.61gm	10/50	5.23gm	9/50				
a	TR30	51.7gm	n.s.s.	2/50	2.61gm	0/50	5.23gm	0/50			liv:hpa,hpc,nnd.	
b	TR30	25.5gm	n.s.s.	4/50	2.61gm	3/50	5.23gm	1/50			lun:a/a,a/c.	
6620	TR30	8.17gm	n.s.s.	20/50	2.44gm	21/50	4.82gm	13/50				
a	TR30	5.41gm	n.s.s.	15/50	2.44gm	11/50	(4.82gm)	4/50)			liv:hpa,hpc,nnd.	
b	TR30	16.6gm	n.s.s.	7/50	2.44gm	5/50	4.82gm	4/50			lun:a/a,a/c.	
6621	1021	2.46gm	n.s.s.	33/100	125.mg	21/100	375.mg	26/100	1.12gm	34/100	Leuschner;txlt,2,253-260;1978	
6622	TR30	1.13gm	n.s.s.	31/50	920.mg	40/50	1.84gm	34/50				
a	TR30	10.4gm	n.s.s.	1/50	920.mg	0/50	1.84gm	2/50			liv:hpa,hpc,nnd.	
6623	TR30	2.64gm	n.s.s.	31/50	736.mg	25/50	1.47gm	23/50				
a	TR30	n.s.s.	n.s.s.	0/50	736.mg	1/50	1.47gm	0/50			liv:hpa,hpc,nnd.	
6624	1021	1.03gm	n.s.s.	43/100	45.0mg	20/100	135.mg	18/100	405.mg	37/100	Leuschner;txlt,2,253-260;1978	
C.I. PIGMENT YELLOW 16 5979-28-2												
6625	1021	2.50gm	n.s.s.	33/100	125.mg	22/100	375.mg	33/100	1.13gm	33/100	Leuschner;txlt,2,253-260;1978	
6626	1021	1.19gm	n.s.s.	43/100	45.0mg	24/100	135.mg	16/100	405.mg	36/100		
C.I. PIGMENT YELLOW 83 5567-15-7												
6627	1021	4.66gm	n.s.s.	33/100	125.mg	23/100	375.mg	19/100	1.13gm	26/100	Leuschner;txlt,2,253-260;1978	
6628	1021	897.mg	n.s.s.	43/100	45.0mg	23/100	135.mg	20/100	405.mg	40/100		
C.I. VAT YELLOW 4 128-66-5												
6629	TR134	3.77gm	n.s.s.	13/20	1.62gm	29/50	3.25gm	29/50				
a	TR134	5.84gm	n.s.s.	2/20	1.62gm	6/50	3.25gm	9/50			liv:hpa,hpc,nnd.	
b	TR134	11.6gm	n.s.s.	2/20	1.62gm	5/50	3.25gm	3/50			lun:a/a,a/c.	
6630	TR134	5.66gm	333.gm	3/20	3.00gm	7/50	6.00gm	22/50				
a	TR134	1.94gm	n.s.s.	12/20	3.00gm	42/50	6.00gm	48/50				
b	TR134	3.87gm	n.s.s.	3/20	3.00gm	22/50	6.00gm	21/50			liv:hpa,hpc,nnd.	
c	TR134	5.69gm	n.s.s.	4/20	3.00gm	14/50	6.00gm	15/50			lun:a/a,a/c.	
6631	TR134	474.mg	n.s.s.	9/20	175.mg	26/50	350.mg	23/50				
a	TR134	n.s.s.	n.s.s.	0/20	175.mg	0/50	350.mg	0/50			liv:hpa,hpc,nnd.	
6632	TR134	185.mg	n.s.s.	11/20	140.mg	32/50	280.mg	31/50				
a	TR134	963.mg	n.s.s.	0/20	140.mg	1/50	280.mg	3/50			liv:hpa,hpc,nnd.	
FD & C YELLOW NO. 5 (tartrazine) 1934-21-0												
6633	1869	616.mg	5.36gm	3/120	650.mg	8/28	(1.95gm)	4/30	6.50gm	2/60)	Borzelleca;fctx,26,189-194;1988	
a	1869	40.6gm	n.s.s.	1/120	650.mg	0/28	1.95gm	0/30	6.50gm	2/60		
b	1869	53.6gm	n.s.s.	3/120	650.mg	0/28	1.95gm	1/30	6.50gm	1/60		
c	1869	44.4gm	n.s.s.	29/120	650.mg	7/28	1.95gm	7/30	6.50gm	6/60		
d	1869	46.9gm	n.s.s.	3/120	650.mg	1/28	1.95gm	2/30	6.50gm	1/60		
e	1869	813.mg	4.84gm	34/120	650.mg	15/28	1.95gm	20/30	(6.50gm)	15/60)		
f	1869	32.4gm	n.s.s.	52/120	650.mg	14/28	1.95gm	10/30	6.50gm	15/60		
6634	1869	732.mg	n.s.s.	7/120	600.mg	6/27	(1.80gm)	3/33	6.00gm	2/60)		

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc			Citation or Pathology	Brkly Code
a	TR419	3.63gm	n.s.s.	1/50	246.mg	1/50	495.mg	0/50				liv:hpa,hpc,nnd.
6653	TR419	142.mg	n.s.s.	17/51	98.7mg	20/50	198.mg	28/50				
a	TR419	153.mg	n.s.s.	47/51	98.7mg	48/50	198.mg	45/50				
b	TR419	1.81gm	n.s.s.	1/51	98.7mg	0/50	198.mg	0/50				liv:hpa,hpc,nnd.
ZATOSETRON MALEATE (LY277359 maleate) 123482-23-5												
6654	2165	7.20mg	n.s.s.	0/15	13.3mg	0/15	40.0mg	0/15	140.mg	0/15	Bendele;faat,22,494-504;1994	
6655	2165	7.12mg	n.s.s.	0/15	13.3mg	0/15	40.0mg	0/15	120.mg	0/15		
ZEARALENONE (F-2 TOXIN) 17924-92-4												
6656	TR235	11.4mg	121.mg	6/50	6.50mg	8/50	13.0mg	20/50			liv:hpa,hpc; pit:adn,car. C	
a	TR235	16.1mg	165.mg	3/50	6.50mg	2/50	13.0mg	15/50			pit:adn,car.	
b	TR235	17.6mg	442.mg	3/50	6.50mg	2/50	13.0mg	13/50				
c	TR235	23.5mg	194.mg	0/50	6.50mg	2/50	13.0mg	7/50				
d	TR235	17.2mg	n.s.s.	3/50	6.50mg	7/50	13.0mg	10/50			liv:hpa,hpc.	
e	TR235	7.55mg	n.s.s.	28/50	6.50mg	26/50	13.0mg	40/50				
f	TR235	17.2mg	n.s.s.	3/50	6.50mg	7/50	13.0mg	10/50			liv:hpa,hpc,nnd.	
g	TR235	59.5mg	n.s.s.	3/50	6.50mg	4/50	13.0mg	1/50			lun:a/a,a/c.	
6657	TR235	24.6mg	383.mg	0/50	6.00mg	5/50	12.0mg	6/50			pit:ade,car.	
a	TR235	26.0mg	417.mg	0/50	6.00mg	4/50	12.0mg	6/50				
b	TR235	10.6mg	n.s.s.	37/50	6.00mg	41/50	12.0mg	38/50				
c	TR235	25.9mg	n.s.s.	19/50	6.00mg	22/50	12.0mg	14/50			liv:hpa,hpc,nnd.	
d	TR235	28.9mg	n.s.s.	11/50	6.00mg	8/50	12.0mg	11/50			lun:a/a,a/c.	
6658	TR235	2.26mg	n.s.s.	32/50	1.25mg	40/50	2.50mg	33/50				
a	TR235	10.2mg	n.s.s.	0/50	1.25mg	1/50	2.50mg	2/50			liv:hpa,hpc,nnd.	
6659	TR235	1.71mg	n.s.s.	32/50	1.00mg	36/50	2.00mg	33/50				
a	TR235	11.9mg	n.s.s.	2/50	1.00mg	0/50	2.00mg	2/50			liv:hpa,hpc,nnd.	
ZINC (II) ACETATE DIHYDRATE 5970-45-6												
6660	2343	17.3mg	n.s.s.	9/83	5.00mg	2/29					Waalkes;canr,49,4282-4288;1989/pers.comm.	
ZINC DIBUTYLDITHIOCARBAMATE (butyl zimate) 136-23-2												
6661	1220	239.mg	n.s.s.	1/17	364.mg	3/18					Innes;ntis,1968/1969	
a	1220	721.mg	n.s.s.	0/17	364.mg	0/18						
b	1220	261.mg	n.s.s.	2/17	364.mg	3/18						
6662	1220	317.mg	n.s.s.	2/18	339.mg	2/18						
a	1220	672.mg	n.s.s.	1/18	339.mg	0/18						
b	1220	351.mg	n.s.s.	3/18	339.mg	2/18						
6663	1220	379.mg	n.s.s.	0/16	364.mg	1/18						
a	1220	721.mg	n.s.s.	0/16	364.mg	0/18						
b	1220	220.mg	n.s.s.	0/16	364.mg	3/18						
6664	1220	205.mg	n.s.s.	0/16	339.mg	3/18						
a	1220	259.mg	n.s.s.	0/16	339.mg	2/18						
b	1220	107.mg	1.03gm	0/16	339.mg	7/18						
ZINC DIETHYLDITHIOCARBAMATE (ethyl zimate) 14324-55-1												
6665	1210	68.1mg	n.s.s.	0/17	36.4mg	0/17					Innes;ntis,1968/1969	
a	1210	68.1mg	n.s.s.	1/17	36.4mg	0/17						
b	1210	32.0mg	n.s.s.	2/17	36.4mg	2/17						
6666	1210	28.4mg	n.s.s.	1/18	33.9mg	2/18						
a	1210	31.7mg	n.s.s.	2/18	33.9mg	2/18						
b	1210	17.3mg	n.s.s.	3/18	33.9mg	5/18						
6667	1210	68.1mg	n.s.s.	0/16	36.4mg	0/17						
a	1210	68.1mg	n.s.s.	0/16	36.4mg	0/17						
b	1210	68.1mg	n.s.s.	0/16	36.4mg	0/17						
6668	1210	15.9mg	n.s.s.	0/16	33.9mg	4/17						

	RefNum	LoConf	UpConf	Cntrl	1Dose	1Inc	2Dose	2Inc	Citation or Pathology	Brkly Code
a	1210	63.4mg	n.s.s.	0/16	33.9mg	0/17				
b	1210	11.5mg	155.mg	0/16	33.9mg	6/17				
ZINC DIMETHYLDITHIOCARBAMATE (methyl zimate, milbam, ziram) 137-30-4										
6669	TR238	245.mg	n.s.s.	2/50	76.5mg	5/50	154.mg	10/50		
a	TR238	373.mg	n.s.s.	1/50	76.5mg	1/50	154.mg	7/50		S
b	TR238	338.mg	n.s.s.	28/50	76.5mg	19/50	154.mg	23/50		
c	TR238	341.mg	n.s.s.	9/50	76.5mg	4/50	(154.mg	1/50)	liv:hpa,hpc,nnd.	
d	TR238	254.mg	n.s.s.	4/50	76.5mg	6/50	154.mg	11/50	lun:a/a,a/c.	
6670	1204	2.14mg	n.s.s.	0/16	2.05mg	1/18			Innes;ntis,1968/1969	
a	1204	4.07mg	n.s.s.	0/16	2.05mg	0/18				
b	1204	2.14mg	n.s.s.	0/16	2.05mg	1/18				
6671	TR238	192.mg	n.s.s.	31/50	70.6mg	24/50	143.mg	25/49		
a	TR238	209.mg	n.s.s.	19/50	70.6mg	9/50	(143.mg	9/49)	liv:hpa,hpc,nnd.	
b	TR238	215.mg	n.s.s.	8/50	70.6mg	8/50	143.mg	12/49	lun:a/a,a/c.	
6672	1204	1.28mg	n.s.s.	0/16	1.91mg	2/16			Innes;ntis,1968/1969	
a	1204	1.76mg	n.s.s.	0/16	1.91mg	1/16				
b	1204	1.01mg	n.s.s.	0/16	1.91mg	3/16				
6673	1204	4.07mg	n.s.s.	0/17	2.05mg	0/18				
a	1204	4.07mg	n.s.s.	1/17	2.05mg	0/18				
b	1204	4.07mg	n.s.s.	2/17	2.05mg	0/18				
6674	1204	1.27mg	n.s.s.	2/18	1.91mg	3/17				
a	1204	2.12mg	n.s.s.	1/18	1.91mg	1/17				
b	1204	.898mg	n.s.s.	3/18	1.91mg	5/17				
6675	TR238	39.5mg	n.s.s.	43/50	14.6mg	42/50	29.6mg	39/50		
a	TR238	n.s.s.	n.s.s.	0/50	14.6mg	0/50	29.6mg	0/50	liv:hpa,hpc,nnd.	
6676	TR238	45.1mg	602.mg	0/50	11.8mg	2/50	23.8mg	7/50		
a	TR238	21.8mg	n.s.s.	37/50	11.8mg	42/50	23.8mg	39/50		
b	TR238	140.mg	n.s.s.	2/50	11.8mg	2/50	23.8mg	1/50	liv:hpa,hpc,nnd.	
6677	1426	13.8mg	1.94gm	0/46	18.4mg	2/10			Andrianova;vpit,29,71-74;1970	
a	1426	8.47mg	198.mg	1/46	18.4mg	4/10				
ZINC ETHYLENEBISTHIOCARBAMATE (zineb) 12122-67-7										
6678	1213	152.mg	n.s.s.	1/17	180.mg	2/18			Innes;ntis,1968/1969	
a	1213	357.mg	n.s.s.	0/17	180.mg	0/18				
b	1213	130.mg	n.s.s.	2/17	180.mg	3/18				
6679	1213	132.mg	n.s.s.	1/18	168.mg	2/17				
a	1213	206.mg	n.s.s.	2/18	168.mg	1/17				
b	1213	96.4mg	n.s.s.	3/18	168.mg	4/17				
6680	1213	188.mg	n.s.s.	0/16	180.mg	1/18				
a	1213	357.mg	n.s.s.	0/16	180.mg	0/18				
b	1213	188.mg	n.s.s.	0/16	180.mg	1/18				
6681	1213	84.0mg	n.s.s.	0/16	168.mg	4/18				
a	1213	333.mg	n.s.s.	0/16	168.mg	0/18				
b	1213	71.2mg	4.14gm	0/16	168.mg	5/18				
6682	1426	154.mg	n.s.s.	0/46	74.9mg	0/10			Andrianova;vpit,29,71-74;1970	
a	1426	57.5mg	n.s.s.	1/46	74.9mg	2/10				
ZIRCONIUM (IV) SULFATE 14644-61-2										
6683	1036	8.41mg	n.s.s.	15/71	.877mg	9/72			Kanisawa;canr,29,892-895;1969	
a	1036	10.4mg	n.s.s.	4/71	.877mg	3/72				
b	1036	7.10mg	n.s.s.	24/71	.877mg	15/72				
c	1036	9.64mg	n.s.s.	8/71	.877mg	5/72				