N,N-ジメチルアセトアミドのマウスを用いた
吸入による13週間毒性試験報告書

試験番号：0718

TABLES

TABLES

TABLES (CONTINUED)

TABLE A

CONCENTRATIONS OF *N,N*-DIMETHYLACETAMIDE IN THE INHALATION CHAMBER OF THE 13-WEEK INHALATION STUDY

CONCENTRATIONS OF *N,N*-DIMETHYLACETAMIDE IN THE INHALATION CHAMBER OF THE 13-WEEK INHALATION STUDY

Group Name	Concentration(ppm) Mean ± S.D.
Control	0.0 ± 0.0
30 ppm	29.9 ± 0.6
100 ppm	100.3 ± 1.7
300 ppm	299.5 ± 3.4
450 ppm	446.8 ± 6.3
600 ppm	600.7 ± 5.0

TABLE B1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 13
SEX : MALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Weeks) 0	1	2	3	4	5	6	7	8	9	10	11	12	13
Control	10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30ppm	10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100ppm	10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300ppm	10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
450ppm	10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600ppm	10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Number of survival/ Number of effective animals
Survival rate(%)

TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 13
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Weeks) 0	1	2	3	4	5	6	7	8	9	10	11	12	13
Control	10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30ppm	10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100ppm	10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300ppm	10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
450ppm	10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600ppm	10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Number of survival/ Number of effective animals
Survival rate(%)

TABLE C1

CLINICAL OBSERVATION : MALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 13

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Administration Week-day 1-7 1	2-7 1	3-7 1	4-7 1	5-7 1	6-7 1	7-7 1	8-7 1	9-7 1	10-7 1	11-7 1	12-7 1	13-7 1
NON REMARKABLE	Control	10	10	10	10	10	10	10	10	10	10	10	10	10
	30ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	100ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	300ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	450ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	600ppm	10	10	10	10	10	10	10	10	10	10	10	10	10

TABLE C2

CLINICAL OBSERVATION : FEMALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 13

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

Clinical sign	Group Name	Administration Week-day 1-7 1	2-7 1	3-7 1	4-7 1	5-7 1	6-7 1	7-7 1	8-7 1	9-7 1	10-7 1	11-7 1	12-7 1	13-7 1
NON REMARKABLE	Control	10	10	10	10	10	10	10	10	10	10	10	10	10
	30ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	100ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	300ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	450ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	600ppm	10	10	10	10	10	10	10	10	10	10	10	10	10

TABLE D1

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 13
SEX : MALE

MEAN BODY WEIGHTS AND SURVIVAL

Week-Day on Study	Control Av.Wt.	Control No. of Surviv. <10>	30ppm Av.Wt.	30ppm % of cont. <10>	30ppm No. of Surviv.	100ppm Av.Wt.	100ppm % of cont. <10>	100ppm No. of Surviv.	300ppm Av.Wt.	300ppm % of cont. <10>	300ppm No. of Surviv.	450ppm Av.Wt.	450ppm % of cont. <10>	450ppm No. of Surviv.	600ppm Av.Wt.	600ppm % of cont. <10>	600ppm No. of Surviv.
0-0	23.2 (10)	10/10	23.2 (10)	100	10/10	23.3 (10)	100	10/10	23.3 (10)	100	10/10	23.3 (10)	100	10/10	23.3 (10)	100	10/10
1-7	24.5 (10)	10/10	24.6 (10)	100	10/10	24.6 (10)	100	10/10	24.5 (10)	100	10/10	24.4 (10)	100	10/10	25.2 (10)	103	10/10
2-7	25.3 (10)	10/10	24.8 (10)	98	10/10	24.9 (10)	98	10/10	25.4 (10)	100	10/10	25.4 (10)	100	10/10	26.3 (10)	104	10/10
3-7	26.3 (10)	10/10	25.4 (10)	97	10/10	25.9 (10)	98	10/10	25.9 (10)	98	10/10	26.4 (10)	100	10/10	27.1 (10)	103	10/10
4-7	26.7 (10)	10/10	25.9 (10)	97	10/10	25.8 (10)	97	10/10	26.9 (10)	101	10/10	26.9 (10)	101	10/10	27.4 (10)	103	10/10
5-7	27.5 (10)	10/10	26.6 (10)	97	10/10	26.6 (10)	97	10/10	27.1 (10)	99	10/10	27.4 (10)	100	10/10	28.0 (10)	102	10/10
6-7	28.0 (10)	10/10	27.0 (10)	96	10/10	27.3 (10)	98	10/10	27.8 (10)	99	10/10	27.7 (10)	99	10/10	28.3 (10)	101	10/10
7-7	28.7 (10)	10/10	27.6 (10)	96	10/10	28.0 (10)	98	10/10	28.2 (10)	98	10/10	28.0 (10)	98	10/10	28.5 (10)	99	10/10
8-7	29.3 (10)	10/10	28.2 (10)	96	10/10	28.5 (10)	97	10/10	29.1 (10)	99	10/10	28.9 (10)	99	10/10	29.0 (10)	99	10/10
9-7	30.1 (10)	10/10	29.1 (10)	97	10/10	28.8 (10)	96	10/10	29.4 (10)	98	10/10	29.4 (10)	98	10/10	29.2 (10)	97	10/10
10-7	30.9 (10)	10/10	29.6 (10)	96	10/10	29.4 (10)	95	10/10	30.1 (10)	97	10/10	29.4 (10)	95	10/10	29.7 (10)	96	10/10
11-7	31.5 (10)	10/10	29.9 (10)	95	10/10	29.9 (10)	95	10/10	30.6 (10)	97	10/10	29.7 (10)	94	10/10	30.0 (10)	95	10/10
12-7	32.3 (10)	10/10	30.1 (10)	93	10/10	30.4 (10)	94	10/10	31.1 (10)	96	10/10	29.8 (10)	92	10/10	30.1 (10)	93	10/10
13-7	32.7 (10)	10/10	31.3 (10)	96	10/10	31.1 (10)	95	10/10	31.8 (10)	97	10/10	30.5 (10)	93	10/10	30.8 (10)	94	10/10

< >:No. of effective animals, ( ):No. of measured animals Av.Wt. : g

TABLE D2

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 13
SEX : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

Week-Day on Study	Control Av. Wt.	Control No. of Surviv. <10>	30ppm Av. Wt.	30ppm % of cont. <10>	30ppm No. of Surviv.	100ppm Av. Wt.	100ppm % of cont. <10>	100ppm No. of Surviv.	300ppm Av. Wt.	300ppm % of cont. <10>	300ppm No. of Surviv.	450ppm Av. Wt.	450ppm % of cont. <10>	450ppm No. of Surviv.	600ppm Av. Wt.	600ppm % of cont. <10>	600ppm No. of Surviv.
0-0	19.6 (10)	10/10	19.5 (10)	99	10/10	19.6 (10)	100	10/10	19.5 (10)	99	10/10	19.6 (10)	100	10/10	19.6 (10)	100	10/10
1-7	19.4 (10)	10/10	20.3 (10)	105	10/10	20.2 (10)	104	10/10	20.1 (10)	104	10/10	20.1 (10)	104	10/10	20.5 (10)	106	10/10
2-7	21.3 (10)	10/10	21.0 (10)	99	10/10	20.7 (10)	97	10/10	21.3 (10)	100	10/10	21.6 (10)	101	10/10	21.4 (10)	100	10/10
3-7	21.6 (10)	10/10	22.2 (10)	103	10/10	22.1 (10)	102	10/10	21.7 (10)	100	10/10	23.0 (10)	106	10/10	22.2 (10)	103	10/10
4-7	22.4 (10)	10/10	22.8 (10)	102	10/10	22.1 (10)	99	10/10	22.7 (10)	101	10/10	22.8 (10)	102	10/10	22.6 (10)	101	10/10
5-7	23.1 (10)	10/10	23.5 (10)	102	10/10	22.7 (10)	98	10/10	23.4 (10)	101	10/10	24.1 (10)	104	10/10	23.8 (10)	103	10/10
6-7	23.5 (10)	10/10	23.8 (10)	101	10/10	23.9 (10)	102	10/10	24.2 (10)	103	10/10	24.2 (10)	103	10/10	24.1 (10)	103	10/10
7-7	23.8 (10)	10/10	24.3 (10)	102	10/10	24.3 (10)	102	10/10	25.0 (10)	105	10/10	25.0 (10)	105	10/10	25.0 (10)	105	10/10
8-7	24.4 (10)	10/10	24.9 (10)	102	10/10	24.7 (10)	101	10/10	24.8 (10)	102	10/10	25.6 (10)	105	10/10	25.8 (10)	106	10/10
9-7	24.9 (10)	10/10	25.1 (10)	101	10/10	24.9 (10)	100	10/10	24.8 (10)	100	10/10	25.5 (10)	102	10/10	25.1 (10)	101	10/10
10-7	24.7 (10)	10/10	25.3 (10)	102	10/10	26.0 (10)	105	10/10	25.6 (10)	104	10/10	26.0 (10)	105	10/10	25.8 (10)	104	10/10
11-7	24.9 (10)	10/10	25.8 (10)	104	10/10	25.1 (10)	101	10/10	25.7 (10)	103	10/10	26.2 (10)	105	10/10	26.3 (10)	106	10/10
12-7	25.6 (10)	10/10	26.1 (10)	102	10/10	26.4 (10)	103	10/10	26.6 (10)	104	10/10	25.9 (10)	101	10/10	26.6 (10)	104	10/10
13-7	25.8 (10)	10/10	25.9 (10)	100	10/10	26.9 (10)	104	10/10	26.5 (10)	103	10/10	26.0 (10)	101	10/10	26.5 (10)	103	10/10

< >:No. of effective animals, ( ):No. of measured animals Av. Wt. : g

TABLE D3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 13
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day 0-0	1-7	2-7	3-7	4-7	5-7	6-7
Control	23.2± 0.6	24.5± 0.9	25.3± 0.9	26.3± 1.0	26.7± 0.9	27.5± 0.9	28.0± 1.2
30ppm	23.2± 0.5	24.6± 0.6	24.8± 0.6	25.4± 0.8	25.9± 1.0	26.6± 0.9	27.0± 1.1
100ppm	23.3± 0.5	24.6± 0.4	24.9± 0.6	25.9± 0.6	25.8± 0.7	26.6± 0.6	27.3± 0.7
300ppm	23.3± 0.5	24.5± 0.6	25.4± 0.7	25.9± 0.7	26.9± 0.8	27.1± 1.1	27.8± 1.2
450ppm	23.3± 0.5	24.4± 0.9	25.4± 1.2	26.4± 1.1	26.9± 1.0	27.4± 0.9	27.7± 0.9
600ppm	23.3± 0.5	25.2± 0.6	26.3± 0.9*	27.1± 0.6	27.4± 0.6	28.0± 0.8	28.3± 0.9

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 13
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day 7-7	8-7	9-7	10-7	11-7	12-7	13-7
Control	28.7± 1.0	29.3± 1.2	30.1± 1.3	30.9± 1.4	31.5± 1.6	32.3± 1.8	32.7± 1.8
30ppm	27.6± 1.3	28.2± 1.6	29.1± 1.8	29.6± 1.9	29.9± 2.1	30.1± 2.3*	31.3± 2.5
100ppm	28.0± 0.8	28.5± 0.8	28.8± 0.9	29.4± 1.1	29.9± 1.3	30.4± 1.3	31.1± 1.5
300ppm	28.2± 1.1	29.1± 1.7	29.4± 1.9	30.1± 2.1	30.6± 2.2	31.1± 2.5	31.8± 2.6
450ppm	28.0± 1.1	28.9± 1.0	29.4± 1.5	29.4± 1.5	29.7± 1.3	29.8± 1.4*	30.5± 1.8
600ppm	28.5± 1.1	29.0± 1.1	29.2± 1.2	29.7± 0.8	30.0± 1.2	30.1± 1.3*	30.8± 1.0

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE D4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 13
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day 0-0	1-7	2-7	3-7	4-7	5-7	6-7
Control	19.6± 0.6	19.4± 1.8	21.3± 0.6	21.6± 0.9	22.4± 1.0	23.1± 0.9	23.5± 1.0
30ppm	19.5± 0.7	20.3± 0.8	21.0± 0.9	22.2± 0.6	22.8± 0.8	23.5± 1.0	23.8± 0.7
100ppm	19.6± 0.6	20.2± 0.9	20.7± 0.7	22.1± 1.3	22.1± 0.7	22.7± 0.8	23.9± 0.9
300ppm	19.5± 0.7	20.1± 0.9	21.3± 0.8	21.7± 0.8	22.7± 0.6	23.4± 0.8	24.2± 1.0
450ppm	19.6± 0.6	20.1± 1.0	21.6± 1.0	23.0± 0.9**	22.8± 0.7	24.1± 0.8*	24.2± 1.1
600ppm	19.6± 0.6	20.5± 1.1	21.4± 0.9	22.2± 0.8	22.6± 1.0	23.8± 1.0	24.1± 0.9

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 13
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day 7-7	8-7	9-7	10-7	11-7	12-7	13-7
Control	23.8± 0.8	24.4± 0.8	24.9± 1.2	24.7± 1.1	24.9± 1.0	25.6± 0.8	25.8± 1.3
30ppm	24.3± 1.0	24.9± 1.2	25.1± 1.8	25.3± 0.7	25.8± 1.4	26.1± 1.1	25.9± 1.1
100ppm	24.3± 0.5	24.7± 1.0	24.9± 0.8	26.0± 1.3	25.1± 1.1	26.4± 1.5	26.9± 1.8
300ppm	25.0± 0.7**	24.8± 0.6	24.8± 1.1	25.6± 1.2	25.7± 1.1	26.6± 1.8	26.5± 1.4
450ppm	25.0± 1.0*	25.6± 0.9*	25.5± 1.2	26.0± 1.0	26.2± 1.2	25.9± 0.8	26.0± 0.8
600ppm	25.0± 1.0*	25.8± 1.3**	25.1± 1.1	25.8± 1.5	26.3± 1.5	26.6± 1.3	26.5± 1.8

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE E1

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 13
SEX : MALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

Week-Day on Study	Control Av. FC.	Control No. of Surviv. <10>	30ppm Av. FC.	30ppm % of cont. <10>	30ppm No. of Surviv.	100ppm Av. FC.	100ppm % of cont. <10>	100ppm No. of Surviv.	300ppm Av. FC.	300ppm % of cont. <10>	300ppm No. of Surviv.	450ppm Av. FC.	450ppm % of cont. <10>	450ppm No. of Surviv.	600ppm Av. FC.	600ppm % of cont. <10>	600ppm No. of Surviv.
1-7	4.2 (10)	10/10	4.3 (10)	102	10/10	4.2 (10)	100	10/10	4.2 (10)	100	10/10	3.9 (10)	93	10/10	4.2 (10)	100	10/10
2-7	4.1 (10)	10/10	3.9 (10)	95	10/10	4.0 (10)	98	10/10	4.1 (10)	100	10/10	4.0 (10)	98	10/10	4.3 (10)	105	10/10
3-7	4.2 (10)	10/10	4.1 (10)	98	10/10	4.2 (10)	100	10/10	4.1 (10)	98	10/10	4.2 (10)	100	10/10	4.4 (10)	105	10/10
4-7	4.1 (10)	10/10	4.0 (10)	98	10/10	4.1 (10)	100	10/10	4.4 (10)	107	10/10	4.3 (10)	105	10/10	4.3 (10)	105	10/10
5-7	4.2 (10)	10/10	4.1 (10)	98	10/10	4.2 (10)	100	10/10	4.3 (10)	102	10/10	4.2 (10)	100	10/10	4.3 (10)	102	10/10
6-7	4.2 (10)	10/10	4.1 (10)	98	10/10	4.2 (10)	100	10/10	4.4 (10)	105	10/10	4.3 (10)	102	10/10	4.4 (10)	105	10/10
7-7	4.3 (10)	10/10	4.2 (10)	98	10/10	4.2 (10)	98	10/10	4.3 (10)	100	10/10	4.2 (10)	98	10/10	4.3 (10)	100	10/10
8-7	4.3 (10)	10/10	4.2 (10)	98	10/10	4.3 (10)	100	10/10	4.3 (10)	100	10/10	4.4 (10)	102	10/10	4.4 (10)	102	10/10
9-7	4.3 (10)	10/10	4.2 (10)	98	10/10	4.2 (10)	98	10/10	4.3 (10)	100	10/10	4.3 (10)	100	10/10	4.2 (10)	98	10/10
10-7	4.4 (10)	10/10	4.3 (10)	98	10/10	4.3 (10)	98	10/10	4.4 (10)	100	10/10	4.2 (10)	95	10/10	4.4 (10)	100	10/10
11-7	4.6 (10)	10/10	4.4 (10)	96	10/10	4.5 (10)	98	10/10	4.4 (10)	96	10/10	4.1 (10)	89	10/10	4.5 (10)	98	10/10
12-7	4.4 (10)	10/10	4.2 (10)	95	10/10	4.4 (10)	100	10/10	4.4 (10)	100	10/10	4.2 (10)	95	10/10	4.3 (10)	98	10/10
13-7	4.4 (10)	10/10	4.3 (10)	98	10/10	4.4 (10)	100	10/10	4.4 (10)	100	10/10	4.3 (10)	98	10/10	4.5 (10)	102	10/10

< >:No. of effective animals, ( ):No. of measured animals Av. FC. : g

TABLE E2

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 13
SEX : FEMALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

Week-Day on Study	Control Av. FC.	Control No. of Surviv. <10>	30ppm Av. FC.	30ppm % of cont. <10>	30ppm No. of Surviv.	100ppm Av. FC.	100ppm % of cont. <10>	100ppm No. of Surviv.	300ppm Av. FC.	300ppm % of cont. <10>	300ppm No. of Surviv.	450ppm Av. FC.	450ppm % of cont. <10>	450ppm No. of Surviv.	600ppm Av. FC.	600ppm % of cont. <10>	600ppm No. of Surviv.
1-7	3.3 (10)	10/10	3.6 (10)	109	10/10	3.3 (10)	100	10/10	3.4 (10)	103	10/10	3.3 (10)	100	10/10	3.5 (10)	106	10/10
2-7	3.8 (10)	10/10	3.8 (10)	100	10/10	3.5 (10)	92	10/10	3.9 (10)	103	10/10	3.8 (10)	100	10/10	3.7 (10)	97	10/10
3-7	3.8 (10)	10/10	4.1 (10)	108	10/10	3.8 (10)	100	10/10	4.0 (10)	105	10/10	4.0 (10)	105	10/10	3.9 (10)	103	10/10
4-7	4.0 (10)	10/10	4.1 (10)	103	10/10	3.9 (10)	98	10/10	4.1 (10)	103	10/10	3.9 (10)	98	10/10	4.0 (10)	100	10/10
5-7	4.3 (10)	10/10	4.4 (10)	102	10/10	4.1 (10)	95	10/10	4.3 (10)	100	10/10	4.3 (10)	100	10/10	4.4 (10)	102	10/10
6-7	4.2 (10)	10/10	4.2 (10)	100	10/10	4.4 (10)	105	10/10	4.4 (10)	105	10/10	4.3 (10)	102	10/10	4.3 (10)	102	10/10
7-7	4.4 (10)	10/10	4.5 (10)	102	10/10	4.5 (10)	102	10/10	4.4 (10)	100	10/10	4.3 (10)	98	10/10	4.5 (10)	102	10/10
8-7	4.5 (10)	10/10	4.4 (10)	98	10/10	4.4 (10)	98	10/10	4.4 (10)	98	10/10	4.4 (10)	98	10/10	4.6 (10)	102	10/10
9-7	4.3 (10)	10/10	4.3 (10)	100	10/10	4.3 (10)	100	10/10	4.3 (10)	100	10/10	4.2 (10)	98	10/10	4.2 (10)	98	10/10
10-7	4.3 (10)	10/10	4.5 (10)	105	10/10	4.4 (10)	102	10/10	4.4 (10)	102	10/10	4.3 (10)	100	10/10	4.5 (10)	105	10/10
11-7	4.5 (10)	10/10	4.5 (10)	100	10/10	4.3 (10)	96	10/10	4.5 (10)	100	10/10	4.4 (10)	98	10/10	4.5 (10)	100	10/10
12-7	4.4 (10)	10/10	4.5 (10)	102	10/10	4.4 (10)	100	10/10	4.5 (10)	102	10/10	4.3 (10)	98	10/10	4.4 (10)	100	10/10
13-7	4.4 (10)	10/10	4.5 (10)	102	10/10	4.5 (10)	102	10/10	4.4 (9)	100	10/10	4.6 (10)	105	10/10	4.7 (10)	107	10/10

< >:No. of effective animals, ( ):No. of measured animals Av. FC. : g

TABLE E3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 13
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day(effective) 1-7(7)	2-7(7)	3-7(7)	4-7(7)	5-7(7)	6-7(7)	7-7(7)
Control	4.2± 0.3	4.1± 0.2	4.2± 0.2	4.1± 0.2	4.2± 0.2	4.2± 0.3	4.3± 0.2
30ppm	4.3± 0.2	3.9± 0.2	4.1± 0.3	4.0± 0.3	4.1± 0.2	4.1± 0.3	4.2± 0.2
100ppm	4.2± 0.2	4.0± 0.2	4.2± 0.2	4.1± 0.2	4.2± 0.2	4.2± 0.2	4.2± 0.2
300ppm	4.2± 0.2	4.1± 0.2	4.1± 0.2	4.4± 0.2*	4.3± 0.2	4.4± 0.1	4.3± 0.2
450ppm	3.9± 0.2**	4.0± 0.3	4.2± 0.3	4.3± 0.2	4.2± 0.1	4.3± 0.3	4.2± 0.3
600ppm	4.2± 0.1	4.3± 0.4	4.4± 0.2	4.3± 0.2	4.3± 0.3	4.4± 0.3	4.3± 0.3

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 13
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day(effective) 8-7(7)	9-7(7)	10-7(7)	11-7(7)	12-7(7)	13-7(7)
Control	4.3± 0.2	4.3± 0.2	4.4± 0.3	4.6± 0.2	4.4± 0.3	4.4± 0.2
30ppm	4.2± 0.2	4.2± 0.2	4.3± 0.2	4.4± 0.3	4.2± 0.3	4.3± 0.3
100ppm	4.3± 0.2	4.2± 0.2	4.3± 0.2	4.5± 0.2	4.4± 0.2	4.4± 0.3
300ppm	4.3± 0.2	4.3± 0.2	4.4± 0.2	4.4± 0.2	4.4± 0.2	4.4± 0.3
450ppm	4.4± 0.2	4.3± 0.3	4.2± 0.3	4.1± 0.2**	4.2± 0.2	4.3± 0.2
600ppm	4.4± 0.3	4.2± 0.2	4.4± 0.3	4.5± 0.3	4.3± 0.2	4.5± 0.3

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE E4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 13
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day(effective) 1-7(7)	2-7(7)	3-7(7)	4-7(7)	5-7(7)	6-7(7)	7-7(7)
Control	3.3± 0.4	3.8± 0.3	3.8± 0.2	4.0± 0.3	4.3± 0.3	4.2± 0.3	4.4± 0.4
30ppm	3.6± 0.3	3.8± 0.3	4.1± 0.3	4.1± 0.2	4.4± 0.3	4.2± 0.5	4.5± 0.3
100ppm	3.3± 0.2	3.5± 0.2	3.8± 0.3	3.9± 0.2	4.1± 0.3	4.4± 0.2	4.5± 0.2
300ppm	3.4± 0.1	3.9± 0.2	4.0± 0.2	4.1± 0.3	4.3± 0.4	4.4± 0.4	4.4± 0.3
450ppm	3.3± 0.2	3.8± 0.4	4.0± 0.2	3.9± 0.2	4.3± 0.3	4.3± 0.4	4.3± 0.3
600ppm	3.5± 0.3	3.7± 0.2	3.9± 0.2	4.0± 0.3	4.4± 0.3	4.3± 0.4	4.5± 0.4

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 13
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day(effective) 8-7(7)	9-7(7)	10-7(7)	11-7(7)	12-7(7)	13-7(7)
Control	4.5± 0.3	4.3± 0.2	4.3± 0.2	4.5± 0.3	4.4± 0.2	4.4± 0.3
30ppm	4.4± 0.3	4.3± 0.6	4.5± 0.2	4.5± 0.4	4.5± 0.4	4.5± 0.4
100ppm	4.4± 0.2	4.3± 0.1	4.4± 0.3	4.3± 0.2	4.4± 0.2	4.5± 0.3
300ppm	4.4± 0.2	4.3± 0.3	4.4± 0.3	4.5± 0.4	4.5± 0.6	4.4± 0.3
450ppm	4.4± 0.2	4.2± 0.2	4.3± 0.3	4.4± 0.2	4.3± 0.3	4.6± 0.4
600ppm	4.6± 0.2	4.2± 0.3	4.5± 0.4	4.5± 0.4	4.4± 0.3	4.7± 0.5

Significant difference : * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE F1

HEMATOLOGY : MALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	RED BLOOD CELL $10^6/\mu\ell$	HEMOGLOBIN g/dℓ	HEMATOCRIT %	MCV fℓ	MCH pg	MCHC g/dℓ	PLATELET $10^3/\mu\ell$
Control	10	10.81± 0.25	16.1± 0.3	48.3± 1.2	44.7± 0.5	14.9± 0.2	33.4± 0.5	1370± 110
30ppm	9	10.82± 0.25	16.1± 0.4	48.3± 1.4	44.6± 0.6	14.9± 0.2	33.3± 0.3	1465± 91
100ppm	10	10.81± 0.33	16.1± 0.4	48.1± 1.7	44.5± 0.4	14.9± 0.1	33.4± 0.4	1527± 67**
300ppm	10	10.79± 0.27	16.0± 0.4	47.9± 1.3	44.3± 0.5	14.8± 0.1	33.5± 0.2	1609± 65**
450ppm	10	10.70± 0.34	15.7± 0.5	47.4± 1.6	44.3± 0.7	14.7± 0.2	33.3± 0.5	1666± 54**
600ppm	10	10.82± 0.39	15.9± 0.4	48.1± 1.7	44.4± 0.5	14.7± 0.2	33.1± 0.7	1756± 118**

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	RETICULOCYTE %
Control	10	2.1± 0.2
30ppm	9	2.2± 0.1
100ppm	10	2.1± 0.3
300ppm	10	2.1± 0.2
450ppm	10	2.0± 0.2
600ppm	10	1.9± 0.2

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	WBC $10^3/\mu\ell$	Differential WBC (%) NEUTRO	LYMPHO	MONO	EOSINO	BASO	OTHER
Control	10	1.96± 0.52	14± 2	79± 3	2± 1	3± 1	0± 0	2± 1
30ppm	9	2.09± 1.26	17± 8	77± 9	2± 1	3± 2	0± 0	1± 1
100ppm	10	2.24± 1.31	16± 6	76± 10	2± 1	5± 4	0± 0	2± 1
300ppm	10	2.45± 1.62	17± 3	77± 5	2± 2	3± 2	0± 0	1± 1
450ppm	10	1.85± 1.05	15± 4	79± 5	2± 1	3± 1	0± 1	2± 1
600ppm	10	1.74± 1.69	23± 12**	69± 14	3± 2	4± 3	1± 1	2± 2

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

(HCL070)

TABLE F2

HEMATOLOGY : FEMALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	RED BLOOD CELL $10^6/\mu\ell$	HEMOGLOBIN g/dℓ	HEMATOCRIT %	MCV fℓ	MCH pg	MCHC g/dℓ	PLATELET $10^3/\mu\ell$
Control	10	10.77± 0.28	16.4± 0.5	48.6± 1.4	45.1± 0.4	15.2± 0.2	33.8± 0.5	1291± 94
30ppm	10	10.94± 0.32	16.6± 0.6	48.9± 1.9	44.7± 0.7	15.1± 0.1	33.9± 0.4	1439± 56
100ppm	10	10.86± 0.42	16.4± 0.6	48.5± 1.9	44.7± 0.5	15.1± 0.2	33.8± 0.5	1523± 124**
300ppm	10	10.93± 0.29	16.6± 0.5	49.0± 1.2	44.9± 0.4	15.2± 0.1	33.8± 0.3	1499± 235**
450ppm	10	10.97± 0.28	16.6± 0.5	49.5± 1.5	45.1± 0.6	15.1± 0.2	33.5± 0.4	1595± 97**
600ppm	9	10.63± 0.29	16.2± 0.5	48.4± 1.3	45.5± 0.8	15.3± 0.1	33.6± 0.7	1642± 136**

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	RETICULOCYTE %
Control	10	2.4± 0.6
30ppm	10	2.1± 0.3
100ppm	10	2.3± 0.5
300ppm	10	2.2± 0.9
450ppm	10	2.2± 0.5
600ppm	9	2.3± 1.0

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	WBC $10^3/\mu\ell$		Differential WBC (%) NEUTRO		LYMPHO		MONO		EOSINO		BASO		OTHER	
Control	10	2.07±	1.48	15±	4	82±	4	1±	0	2±	1	0±	1	1±	1
30ppm	10	2.07±	1.30	15±	5	81±	4	1±	0	3±	1	0±	1	2±	2
100ppm	10	1.59±	1.55	18±	4	75±	5*	2±	1	4±	4	0±	1	2±	1
300ppm	10	1.23±	1.24	15±	4	80±	5	1±	1	2±	1	0±	1	2±	2
450ppm	10	0.72±	0.25*	17±	8	76±	8	1±	1	4±	3*	1±	1	3±	2
600ppm	9	1.00±	0.52	20±	5	72±	6**	2±	1	4±	2	1±	1	2±	1

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE G1

BIOCHEMISTRY : MALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	TOTAL PROTEIN g/dℓ	ALBUMIN g/dℓ	A/G RATIO	T-BILIRUBIN mg/dℓ	GLUCOSE mg/dℓ	T-CHOLESTEROL mg/dℓ	TRIGLYCERIDE mg/dℓ
Control	10	5.3± 0.2	2.8± 0.1	1.1± 0.1	0.13± 0.01	192± 25	84± 8	48± 20
30ppm	10	5.2± 0.1	2.8± 0.1	1.1± 0.1	0.12± 0.01	174± 20	86± 11	35± 19
100ppm	10	5.3± 0.2	2.8± 0.1	1.1± 0.1	0.12± 0.01	173± 28	103± 8**	48± 13
300ppm	10	5.3± 0.2	2.8± 0.1	1.1± 0.0	0.12± 0.01	198± 38	116± 14**	88± 46
450ppm	10	5.4± 0.2	2.9± 0.1	1.2± 0.1	0.12± 0.01	199± 28	121± 14**	71± 28
600ppm	10	5.5± 0.1*	3.0± 0.1**	1.2± 0.1	0.13± 0.02	204± 27	131± 18**	64± 23

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	PHOSPHOLIPID mg/dℓ	AST IU/ℓ	ALT IU/ℓ	LDH IU/ℓ	ALP IU/ℓ	G-GTP IU/ℓ	CK IU/ℓ
Control	10	176± 16	46± 7	16± 2	190± 87	229± 17	0± 1	60± 26
30ppm	10	172± 20	46± 6	17± 3	183± 66	240± 26	1± 0	64± 28
100ppm	10	199± 16	45± 10	20± 3*	185± 45	227± 19	0± 0	65± 30
300ppm	10	222± 23**	47± 9	27± 6**	183± 49	217± 18	1± 1	65± 28
450ppm	10	230± 26**	42± 7	30± 5**	166± 32	231± 23	1± 1	59± 14
600ppm	10	241± 31**	122± 241	260± 702**	395± 630	243± 9	1± 0	62± 21

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	UREA NITROGEN mg/dℓ	SODIUM mEq/ℓ	POTASSIUM mEq/ℓ	CHLORIDE mEq/ℓ	CALCIUM mg/dℓ	INORGANIC PHOSPHORUS mg/dℓ
Control	10	26.1± 3.5	152± 1	4.5± 0.3	122± 1	8.7± 0.2	7.2± 1.4
30ppm	10	29.8± 5.9	153± 1	4.5± 0.2	121± 2	8.7± 0.2	7.0± 1.1
100ppm	10	29.1± 3.7	153± 1	4.3± 0.3	121± 1	8.8± 0.2	7.2± 0.8
300ppm	10	28.5± 3.5	153± 1	4.1± 0.3**	121± 1	8.8± 0.1	6.8± 1.0
450ppm	10	26.3± 2.8	152± 1	4.1± 0.3**	120± 2*	9.0± 0.2**	6.9± 1.1
600ppm	10	28.9± 6.5	151± 2	4.2± 0.2*	119± 3**	9.0± 0.2**	7.2± 1.2

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE G2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	TOTAL PROTEIN g/dℓ	ALBUMIN g/dℓ	A/G RATIO	T-BILIRUBIN mg/dℓ	GLUCOSE mg/dℓ	T-CHOLESTEROL mg/dℓ	TRIGLYCERIDE mg/dℓ
Control	10	5.4± 0.1	3.1± 0.1	1.3± 0.0	0.11± 0.01	156± 22	78± 13	22± 13
30ppm	10	5.4± 0.2	3.1± 0.1	1.3± 0.1	0.11± 0.01	164± 24	96± 6	21± 12
100ppm	10	5.5± 0.2	3.2± 0.1	1.3± 0.1	0.12± 0.01	176± 22	118± 21**	32± 30
300ppm	10	5.5± 0.2	3.2± 0.1*	1.4± 0.1	0.11± 0.01	175± 22	135± 34**	53± 79
450ppm	10	5.7± 0.2**	3.3± 0.1**	1.4± 0.1	0.12± 0.01	171± 46	128± 12**	25± 11
600ppm	10	5.6± 0.1*	3.2± 0.1	1.3± 0.1	0.12± 0.01	190± 38	130± 13**	51± 37

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	PHOSPHOLIPID mg/dℓ	AST IU/ℓ	ALT IU/ℓ	LDH IU/ℓ	ALP IU/ℓ	G-GTP IU/ℓ	CK IU/ℓ
Control	10	148± 25	60± 11	20± 4	184± 26	374± 54	1± 0	81± 12
30ppm	10	179± 17	57± 8	23± 5	155± 21	345± 34	0± 1	92± 34
100ppm	10	196± 37**	72± 21	38± 21**	190± 73	327± 59	1± 1	186± 305
300ppm	10	214± 52**	95± 51	64± 72**	239± 94	315± 65	1± 0	167± 130
450ppm	10	199± 26**	85± 32	49± 26**	231± 64	324± 33	1± 1	159± 113
600ppm	10	228± 34**	75± 31	75± 38**	217± 72	314± 44	1± 1	126± 93

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	UREA NITROGEN mg/dℓ	SODIUM mEq/ℓ	POTASSIUM mEq/ℓ	CHLORIDE mEq/ℓ	CALCIUM mg/dℓ	INORGANIC PHOSPHORUS mg/dℓ
Control	10	22.7± 2.8	152± 1	4.3± 0.3	122± 1	8.6± 0.2	6.5± 0.9
30ppm	10	20.8± 2.4	151± 1	4.1± 0.2	122± 1	8.7± 0.2	6.5± 0.5
100ppm	10	22.7± 4.6	151± 1	3.9± 0.2**	121± 2	8.8± 0.2	6.1± 0.4
300ppm	10	23.8± 5.1	152± 1	3.8± 0.3**	122± 2	8.8± 0.3	6.2± 0.6
450ppm	10	28.4± 7.4	152± 1	3.7± 0.1**	123± 1	8.8± 0.3	6.4± 0.8
600ppm	10	23.1± 4.6	151± 1	3.9± 0.3**	121± 2	9.1± 0.2**	7.1± 1.3

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE H1

URINALYSIS : MALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

URINALYSIS

Group Name	NO. of Animals	pH 5.0	6.0	6.5	7.0	7.5	8.0	8.5	CHI	Protein −	±	+	2+	3+	4+	CHI	Glucose −	±	+	2+	3+	4+	CHI	Ketone body −	±	+	2+	3+	4+	CHI	Occult blood −	±	+	2+	3+	CHI
Control	10	0	0	0	0	0	6	4		0	0	6	3	1	0		10	0	0	0	0	0		1	9	0	0	0	0		10	0	0	0	0	
30ppm	10	0	0	0	0	0	8	2		0	0	6	4	0	0		10	0	0	0	0	0		0	9	1	0	0	0		10	0	0	0	0	
100ppm	10	0	0	0	0	2	8	0	*	0	0	6	4	0	0		10	0	0	0	0	0		0	9	1	0	0	0		10	0	0	0	0	
300ppm	10	0	0	1	0	1	7	1		0	0	6	4	0	0		10	0	0	0	0	0		1	9	0	0	0	0		10	0	0	0	0	
450ppm	10	0	0	0	0	0	8	2		0	0	8	1	1	0		10	0	0	0	0	0		0	10	0	0	0	0		10	0	0	0	0	
600ppm	10	0	0	0	0	0	6	4		0	0	8	2	0	0		10	0	0	0	0	0		1	9	0	0	0	0		10	0	0	0	0	

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of CHI SQUARE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

URINALYSIS

Group Name	NO. of Animals	Urobilinogen ±	+	2+	3+	4+	CHI
Control	10	10	0	0	0	0	
30ppm	10	10	0	0	0	0	
100ppm	10	10	0	0	0	0	
300ppm	10	10	0	0	0	0	
450ppm	10	10	0	0	0	0	
600ppm	10	10	0	0	0	0	

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of CHI SQUARE

TABLE H2

URINALYSIS : FEMALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

URINALYSIS

Group Name	NO. of Animals	pH 5.0	6.0	6.5	7.0	7.5	8.0	8.5	CHI	Protein −	±	+	2+	3+	4+	CHI	Glucose −	±	+	2+	3+	4+	CHI	Ketone body −	±	+	2+	3+	4+	CHI	Occult blood −	±	+	2+	3+	CHI
Control	10	0	0	0	2	3	5	0		0	7	3	0	0	0		10	0	0	0	0	0		8	2	0	0	0	0		10	0	0	0	0	
30ppm	10	0	0	1	2	1	6	0		0	9	1	0	0	0		10	0	0	0	0	0		8	1	1	0	0	0		10	0	0	0	0	
100ppm	10	0	0	2	0	2	6	0		0	8	2	0	0	0		10	0	0	0	0	0		6	4	0	0	0	0		10	0	0	0	0	
300ppm	10	0	0	2	0	5	3	0		0	6	4	0	0	0		10	0	0	0	0	0		6	1	3	0	0	0		10	0	0	0	0	
450ppm	10	0	0	1	2	1	6	0		0	7	3	0	0	0		10	0	0	0	0	0		6	4	0	0	0	0		10	0	0	0	0	
600ppm	10	0	0	2	0	3	5	0		0	6	4	0	0	0		10	0	0	0	0	0		7	2	1	0	0	0		10	0	0	0	0	

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01

Test of CHI SQUARE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

URINALYSIS

Group Name	NO. of Animals	Urobilinogen ±	+	2+	3+	4+	CHI
Control	10	10	0	0	0	0	
30ppm	10	10	0	0	0	0	
100ppm	10	10	0	0	0	0	
300ppm	10	10	0	0	0	0	
450ppm	10	10	0	0	0	0	
600ppm	10	10	0	0	0	0	

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of CHI SQUARE

TABLE I 1

GROSS FINDINGS : MALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 14W)

Organ	Findings	Group Name / NO. of Animals	Control 10	(%)	30ppm 10	(%)	100ppm 10	(%)	300ppm 10	(%)
spleen	black zone		0	(0)	2	(20)	1	(10)	1	(10)

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 14W)

Organ	Findings	Group Name / NO. of Animals	450ppm 10 (%)	600ppm 10 (%)
spleen	black zone		0 (0)	1 (10)

TABLE I 2

GROSS FINDINGS : FEMALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 14W)

Organ	Findings	Group Name / NO. of Animals	Control 10	(%)	30ppm 10	(%)	100ppm 10	(%)	300ppm 10	(%)
spleen	black zone		1	(10)	0	(0)	0	(0)	0	(0)
kidney	hydronephrosis		1	(10)	0	(0)	0	(0)	0	(0)

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 14W)

Organ	Findings	Group Name / NO. of Animals	450ppm 10	(%)	600ppm 10	(%)
spleen	black zone		1	(10)	1	(10)
kidney	hydronephrosis		0	(0)	0	(0)

TABLE J1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (14W)

Group Name	NO. of Animals	Body Weight	THYMUS	ADRENALS	TESTES	HEART	LUNGS
Control	10	29.3± 1.8	0.033± 0.003	0.011± 0.002	0.235± 0.022	0.156± 0.009	0.139± 0.010
30ppm	10	27.5± 2.5	0.031± 0.006	0.011± 0.001	0.218± 0.026	0.152± 0.012	0.138± 0.009
100ppm	10	27.5± 1.1	0.033± 0.004	0.012± 0.003	0.217± 0.038	0.157± 0.013	0.146± 0.015
300ppm	10	28.0± 2.6	0.034± 0.006	0.012± 0.002	0.230± 0.027	0.154± 0.010	0.143± 0.008
450ppm	10	27.0± 1.5*	0.033± 0.003	0.011± 0.002	0.211± 0.044	0.150± 0.008	0.145± 0.012
600ppm	10	26.1± 1.1**	0.030± 0.004	0.011± 0.001	0.186± 0.039**	0.147± 0.011	0.141± 0.007

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (14W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	10	0.454± 0.026	0.054± 0.005	1.114± 0.045	0.447± 0.008
30ppm	10	0.443± 0.032	0.053± 0.005	1.109± 0.087	0.449± 0.009
100ppm	10	0.452± 0.022	0.057± 0.003	1.194± 0.058	0.454± 0.008
300ppm	10	0.449± 0.019	0.058± 0.006	1.300± 0.120**	0.446± 0.009
450ppm	10	0.420± 0.024*	0.057± 0.006	1.297± 0.101**	0.443± 0.012
600ppm	10	0.424± 0.026*	0.057± 0.005	1.369± 0.130**	0.442± 0.011

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE J2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (14W)

Group Name	NO. of Animals	Body Weight	THYMUS	ADRENALS	OVARIES	HEART	LUNGS
Control	10	21.7± 1.1	0.040± 0.007	0.015± 0.002	0.030± 0.005	0.127± 0.008	0.140± 0.008
30ppm	10	22.1± 1.0	0.044± 0.009	0.016± 0.003	0.030± 0.004	0.132± 0.006	0.143± 0.013
100ppm	10	22.1± 1.7	0.038± 0.006	0.016± 0.002	0.029± 0.005	0.131± 0.008	0.137± 0.008
300ppm	10	21.8± 1.4	0.036± 0.007	0.016± 0.002	0.026± 0.004	0.131± 0.010	0.138± 0.011
450ppm	10	21.4± 0.7	0.036± 0.008	0.016± 0.002	0.025± 0.003*	0.128± 0.005	0.137± 0.010
600ppm	10	22.4± 1.2	0.039± 0.007	0.015± 0.001	0.026± 0.002	0.131± 0.008	0.136± 0.006

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (14W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	10	0.308± 0.045	0.066± 0.010	0.916± 0.093	0.467± 0.014
30ppm	10	0.312± 0.013	0.068± 0.010	0.996± 0.062	0.469± 0.010
100ppm	10	0.311± 0.018	0.067± 0.011	1.028± 0.141	0.464± 0.008
300ppm	10	0.315± 0.014	0.067± 0.013	1.050± 0.165	0.459± 0.015
450ppm	10	0.311± 0.018	0.063± 0.010	1.033± 0.109	0.457± 0.010
600ppm	10	0.318± 0.015	0.067± 0.013	1.190± 0.158**	0.449± 0.010**

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE K1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (14W)

Group Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	TESTES	HEART	LUNGS
Control	10	29.3± 1.8	0.114± 0.011	0.037± 0.008	0.803± 0.078	0.533± 0.021	0.476± 0.029
30ppm	10	27.5± 2.5	0.114± 0.015	0.040± 0.005	0.794± 0.102	0.555± 0.038	0.502± 0.043
100ppm	10	27.5± 1.1	0.121± 0.016	0.043± 0.012	0.790± 0.145	0.572± 0.038	0.531± 0.061
300ppm	10	28.0± 2.6	0.119± 0.017	0.044± 0.008	0.831± 0.144	0.550± 0.031	0.514± 0.064
450ppm	10	27.0± 1.5*	0.124± 0.014	0.042± 0.008	0.781± 0.150	0.556± 0.033	0.541± 0.064*
600ppm	10	26.1± 1.1**	0.114± 0.015	0.040± 0.006	0.714± 0.160	0.562± 0.030	0.539± 0.023**

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

(HCL042)

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (14W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	10	1.554± 0.088	0.185± 0.015	3.810± 0.127	1.533± 0.097
30ppm	10	1.614± 0.081	0.191± 0.015	4.031± 0.140*	1.642± 0.159
100ppm	10	1.644± 0.075	0.207± 0.013*	4.339± 0.142**	1.652± 0.091
300ppm	10	1.610± 0.109	0.207± 0.020*	4.641± 0.166**	1.606± 0.162
450ppm	10	1.560± 0.094	0.210± 0.019**	4.803± 0.193**	1.645± 0.097
600ppm	10	1.625± 0.036	0.219± 0.014**	5.237± 0.307**	1.697± 0.071

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE K2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (14W)

Group Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	OVARIES	HEART	LUNGS
Control	10	21.7± 1.1	0.184± 0.024	0.070± 0.008	0.136± 0.019	0.584± 0.028	0.643± 0.020
30ppm	10	22.1± 1.0	0.198± 0.037	0.072± 0.013	0.137± 0.020	0.598± 0.037	0.650± 0.057
100ppm	10	22.1± 1.7	0.172± 0.016	0.075± 0.008	0.130± 0.016	0.593± 0.027	0.623± 0.045
300ppm	10	21.8± 1.4	0.166± 0.027	0.072± 0.008	0.121± 0.016	0.603± 0.042	0.635± 0.043
450ppm	10	21.4± 0.7	0.168± 0.034	0.072± 0.010	0.117± 0.011	0.599± 0.019	0.639± 0.039
600ppm	10	22.4± 1.2	0.174± 0.032	0.068± 0.006	0.115± 0.011*	0.585± 0.027	0.610± 0.036

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (14W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	10	1.419± 0.193	0.301± 0.034	4.214± 0.265	2.155± 0.115
30ppm	10	1.417± 0.077	0.309± 0.038	4.513± 0.166	2.128± 0.085
100ppm	10	1.411± 0.076	0.302± 0.038	4.636± 0.320*	2.111± 0.146
300ppm	10	1.451± 0.045	0.308± 0.047	4.805± 0.468**	2.119± 0.150
450ppm	10	1.455± 0.074	0.292± 0.043	4.826± 0.400**	2.137± 0.037
600ppm	10	1.423± 0.050	0.297± 0.047	5.303± 0.450**	2.012± 0.109

Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

TABLE L1

HISTOPATHOLOGICAL FINDINGS :

NON-NEOPLASTIC LESIONS : MALE

STUDY NO. : 0718
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0- 14W)

Organ	Findings	Group Name / No. of Animals on Study / Grade	Control 10				30ppm 10				100ppm 10				300ppm 10			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
{Hematopoietic system}																		
spleen																		
	deposit of melanin		0	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
		<10>					<10>				<10>				<10>			
{Digestive system}																		
liver																		
	necrosis:central		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	necrosis:focal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	necrosis:single cell		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	hepatocellular hypertrophy:central		0	0	0	0	0	0	0	0	4	6	0	0 **	0	10	0	0 **
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(40)	(60)	(0)	(0)	(0)	(100)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
< a > a : Number of animals examined at the site
b b : Number of animals with lesion
(c) c : b / a * 100
Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Chi Square

Organ	Findings	Group Name	450ppm				600ppm			
		No. of Animals on Study	10				10			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Hematopoietic system}										
spleen			<10>				<10>			
	deposit of melanin		0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
{Digestive system}										
liver			<10>				<10>			
	necrosis:central		0	0	0	0	0	1	0	0
			(0)	(0)	(0)	(0)	(0)	(10)	(0)	(0)
	necrosis:focal		0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	necrosis:single cell		2	0	0	0	2	0	0	0
			(20)	(0)	(0)	(0)	(20)	(0)	(0)	(0)
	hepatocellular hypertrophy:central		0	10	0	0 **	0	10	0	0 **
			(0)	(100)	(0)	(0)	(0)	(100)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
< a > a : Number of animals examined at the site
b b : Number of animals with lesion
(c) c : b / a * 100
Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Chi Square

TABLE L2

HISTOPATHOLOGICAL FINDINGS :

NON-NEOPLASTIC LESIONS : FEMALE

Organ	Findings	Group Name	Control				30ppm				100ppm				300ppm			
		No. of Animals on Study	10				10				10				10			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Hematopoietic system}																		
spleen			<10>				<10>				<10>				<10>			
	deposit of melanin		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(10)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	extramedullary hematopoiesis		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Digestive system}																		
liver			<10>				<10>				<10>				<10>			
	necrosis:single cell		0	0	0	0	1	0	0	0	3	0	0	0	3	2	0	0 *
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(30)	(0)	(0)	(0)	(30)	(20)	(0)	(0)
	hepatocellular hypertrophy:central		0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0 *
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(60)	(0)	(0)	(0)
{Urinary system}																		
kidney			<10>				<10>				<10>				<10>			
	inflammatory polyp		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(10)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
< a > a : Number of animals examined at the site
b b : Number of animals with lesion
(c) c : b / a * 100
Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Chi Square

Organ	Findings	Group Name	450ppm				600ppm			
		No. of Animals on Study	10				10			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Hematopoietic system}										
spleen			<10>				<10>			
	deposit of melanin		1	0	0	0	1	0	0	0
			(10)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	extramedullary hematopoiesis		0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
{Digestive system}										
liver			<10>				<10>			
	necrosis:single cell		5	2	0	0 **	3	4	0	0 **
			(50)	(20)	(0)	(0)	(30)	(40)	(0)	(0)
	hepatocellular hypertrophy:central		8	0	0	0 **	9	0	0	0 **
			(80)	(0)	(0)	(0)	(90)	(0)	(0)	(0)
{Urinary system}										
kidney			<10>				<10>			
	inflammatory polyp		0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
< a > a : Number of animals examined at the site
b b : Number of animals with lesion
(c) c : b / a * 100
Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Chi Square

Organ	Findings	Group Name	Control				30ppm				100ppm				300ppm			
		No. of Animals on Study	10				10				10				10			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney			<10>				<10>				<10>				<10>			
	hydronephrosis		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(10)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Endocrine system}																		
pituitary			<10>				<10>				<10>				<10>			
	Rathke pouch		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
< a > a : Number of animals examined at the site
b b : Number of animals with lesion
(c) c : b / a * 100
Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Chi Square

Organ	Findings	Group Name	450ppm				600ppm			
		No. of Animals on Study	10				10			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}										
kidney			<10>				<10>			
	hydronephrosis		0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Endocrine system}										
pituitary			<10>				<10>			
	Rathke pouch		1	0	0	0	0	0	0	0
			(10)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
< a > a : Number of animals examined at the site
b b : Number of animals with lesion
(c) c : b / a * 100
Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Chi Square