4-クロロ-2-ニトロアニリンのマウスを用いた
経口投与による 13 週間毒性試験（混餌試験）報告書

試験番号：0746

TABLES

TABLES

TABLES (CONTINUED)

TABLE A 1

SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0746
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
1250 ppm	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
2500 ppm	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
5000 ppm	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
10000 ppm	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
20000 ppm	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 A 2

SURVIVAL ANIMAL NUMBERS: FEMALE

STUDY NO. : 0746
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 13
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals	Administration (Weeks)													
	At start	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
1250 ppm	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
2500 ppm	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
5000 ppm	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
10000 ppm	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
20000 ppm	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 B 1

CLINICAL OBSERVATION: MALE

STUDY NO. : 0746
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	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
COLORED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0
	1250 ppm	0	0	0	0	0	0	5	5	9	9	9	10	10
	2500 ppm	0	9	9	9	10	10	10	10	10	10	10	10	10
	5000 ppm	0	10	10	10	10	10	10	10	10	10	10	10	10
	10000 ppm	0	10	10	10	10	10	10	10	10	10	10	10	10
	20000 ppm	0	10	10	10	10	10	10	10	10	10	10	10	10
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0
	1250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0
LOSS OF HAIR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0
	1250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0
	1250 ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	2500 ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	5000 ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	10000 ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	20000 ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0
	1250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	10	1	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	10	10	10	10	10	10	10	10	10	10	10	10	10
	1250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE B 2

CLINICAL OBSERVATION: FEMALE

STUDY NO. : 0746
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	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7
COLORED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0
	1250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	10	10	10	10	10	10	10	10	10	10	10	10
LOSS OF HAIR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0
	1250 ppm	0	0	0	0	1	1	1	1	1	1	1	1	2
	2500 ppm	0	0	0	0	0	0	1	1	2	2	2	2	2
	5000 ppm	0	0	0	0	1	1	1	1	1	1	1	2	3
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0
	1250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	1	1	1	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOW URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0
	1250 ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	2500 ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	5000 ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	10000 ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	20000 ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0
	1250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	0	0	0	0	0	0	1	0	0	0	0	0
	10000 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	7	4	1	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	10	10	10	10	10	10	10	10	10	10	10	10	10
	1250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE C 1

BODY WEIGHT CHANGES AND

SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0746
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>	1250 ppm Av. Wt.	1250 ppm % of cont. <10>	1250 ppm No. of Surviv.	2500 ppm Av. Wt.	2500 ppm % of cont. <10>	2500 ppm No. of Surviv.	5000 ppm Av. Wt.	5000 ppm % of cont. <10>	5000 ppm No. of Surviv.	10000 ppm Av. Wt.	10000 ppm % of cont. <10>	10000 ppm No. of Surviv.	20000 ppm Av. Wt.	20000 ppm % of cont. <10>	20000 ppm No. of Surviv.
0-0	23.7 (10)	10/10	23.7 (10)	100	10/10	23.7 (10)	100	10/10	23.7 (10)	100	10/10	23.7 (10)	100	10/10	23.7 (10)	100	10/10
1-7	23.7 (10)	10/10	23.9 (10)	101	10/10	24.3 (10)	103	10/10	23.5 (10)	99	10/10	22.2 (10)	94	10/10	20.3 (10)	86	10/10
2-7	25.4 (10)	10/10	25.1 (10)	99	10/10	25.5 (10)	100	10/10	25.1 (10)	99	10/10	24.2 (10)	95	10/10	21.8 (10)	86	10/10
3-7	26.2 (10)	10/10	26.2 (10)	100	10/10	26.1 (10)	100	10/10	25.3 (10)	97	10/10	25.1 (10)	96	10/10	23.5 (10)	90	10/10
4-7	27.4 (10)	10/10	27.1 (10)	99	10/10	26.8 (10)	98	10/10	26.8 (10)	98	10/10	25.9 (10)	95	10/10	25.0 (10)	91	10/10
5-7	28.1 (10)	10/10	27.5 (10)	98	10/10	27.2 (10)	97	10/10	27.3 (10)	97	10/10	26.5 (10)	94	10/10	24.9 (10)	89	10/10
6-7	28.8 (10)	10/10	28.3 (10)	98	10/10	28.4 (10)	99	10/10	28.2 (10)	98	10/10	26.9 (10)	93	10/10	26.0 (10)	90	10/10
7-7	29.5 (10)	10/10	28.9 (10)	98	10/10	28.6 (10)	97	10/10	28.9 (10)	98	10/10	27.3 (10)	93	10/10	26.5 (10)	90	10/10
8-7	30.1 (10)	10/10	29.5 (10)	98	10/10	29.8 (10)	99	10/10	29.1 (10)	97	10/10	27.8 (10)	92	10/10	26.8 (10)	89	10/10
9-7	30.6 (10)	10/10	30.3 (10)	99	10/10	30.3 (10)	99	10/10	29.4 (10)	96	10/10	28.3 (10)	92	10/10	26.7 (10)	87	10/10
10-7	31.5 (10)	10/10	30.9 (10)	98	10/10	31.0 (10)	98	10/10	30.0 (10)	95	10/10	28.7 (10)	91	10/10	27.5 (10)	87	10/10
11-7	30.8 (10)	10/10	31.3 (10)	102	10/10	30.7 (10)	100	10/10	30.5 (10)	99	10/10	28.8 (10)	94	10/10	27.0 (10)	88	10/10
12-7	32.2 (10)	10/10	32.3 (10)	100	10/10	31.9 (10)	99	10/10	31.5 (10)	98	10/10	29.7 (10)	92	10/10	28.0 (10)	87	10/10
13-7	33.4 (10)	10/10	33.3 (10)	100	10/10	32.8 (10)	98	10/10	31.5 (10)	94	10/10	29.4 (10)	88	10/10	28.2 (10)	84	10/10

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

TABLE C 2

BODY WEIGHT CHANGES AND

SURVIVAL ANIMAL NUMBERS: FEMALE

STUDY NO. : 0746
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>	1250 ppm Av.Wt.	1250 ppm % of cont. <10>	1250 ppm No.of Surviv.	2500 ppm Av.Wt.	2500 ppm % of cont. <10>	2500 ppm No.of Surviv.	5000 ppm Av.Wt.	5000 ppm % of cont. <10>	5000 ppm No.of Surviv.	10000 ppm Av.Wt.	10000 ppm % of cont. <10>	10000 ppm No.of Surviv.	20000 ppm Av.Wt.	20000 ppm % of cont. <10>	20000 ppm No.of Surviv.
0-0	18.9 (10)	10/10	18.9 (10)	100	10/10	18.9 (10)	100	10/10	18.9 (10)	100	10/10	18.9 (10)	100	10/10	18.9 (10)	100	10/10
1-7	19.0 (10)	10/10	19.4 (10)	102	10/10	19.0 (10)	100	10/10	18.6 (10)	98	10/10	19.0 (10)	100	10/10	17.2 (10)	91	10/10
2-7	19.6 (10)	10/10	20.2 (10)	103	10/10	19.8 (10)	101	10/10	19.3 (10)	98	10/10	19.4 (10)	99	10/10	19.0 (10)	97	10/10
3-7	20.3 (10)	10/10	20.5 (10)	101	10/10	20.3 (10)	100	10/10	20.3 (10)	100	10/10	19.7 (10)	97	10/10	20.5 (10)	101	10/10
4-7	20.8 (10)	10/10	21.0 (10)	101	10/10	20.7 (10)	100	10/10	20.3 (10)	98	10/10	20.3 (10)	98	10/10	20.9 (10)	100	10/10
5-7	20.9 (10)	10/10	21.4 (10)	102	10/10	21.3 (10)	102	10/10	21.2 (10)	101	10/10	20.1 (10)	96	10/10	21.0 (10)	100	10/10
6-7	21.5 (10)	10/10	22.0 (10)	102	10/10	21.5 (10)	100	10/10	21.7 (10)	101	10/10	21.5 (10)	100	10/10	21.4 (10)	100	10/10
7-7	22.4 (10)	10/10	22.5 (10)	100	10/10	21.6 (10)	96	10/10	22.2 (10)	99	10/10	21.9 (10)	98	10/10	21.8 (10)	97	10/10
8-7	22.6 (10)	10/10	22.5 (10)	100	10/10	22.4 (10)	99	10/10	22.2 (10)	98	10/10	22.4 (10)	99	10/10	22.6 (10)	100	10/10
9-7	22.6 (10)	10/10	22.9 (10)	101	10/10	23.3 (10)	103	10/10	22.9 (10)	101	10/10	22.4 (10)	99	10/10	22.5 (10)	100	10/10
10-7	23.0 (10)	10/10	22.8 (10)	99	10/10	22.5 (10)	98	10/10	22.7 (10)	99	10/10	22.5 (10)	98	10/10	22.5 (10)	98	10/10
11-7	23.1 (10)	10/10	23.4 (10)	101	10/10	23.0 (10)	100	10/10	23.1 (10)	100	10/10	22.3 (10)	97	10/10	22.6 (10)	98	10/10
12-7	23.1 (10)	10/10	23.9 (10)	103	10/10	23.5 (10)	102	10/10	23.8 (10)	103	10/10	23.7 (10)	103	10/10	23.2 (10)	100	10/10
13-7	23.9 (10)	10/10	24.4 (10)	102	10/10	24.0 (10)	100	10/10	24.0 (10)	100	10/10	23.6 (10)	99	10/10	23.5 (10)	98	10/10

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

TABLE C 3

BODY WEIGHT CHANGES: MALE

STUDY NO. : 0746
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	23.7± 0.7	23.7± 2.1	25.4± 2.2	26.2± 1.3	27.4± 1.3	28.1± 1.3	28.8± 1.7
1250 ppm	23.7± 0.8	23.9± 0.8	25.1± 1.0	26.2± 0.8	27.1± 1.1	27.5± 1.1	28.3± 1.5
2500 ppm	23.7± 0.8	24.3± 0.8	25.5± 0.8	26.1± 1.0	26.8± 1.2	27.2± 1.5	28.4± 1.2
5000 ppm	23.7± 0.8	23.5± 1.7	25.1± 1.0	25.3± 1.1	26.8± 1.3	27.3± 1.5	28.2± 1.6
10000 ppm	23.7± 0.7	22.2± 2.0*	24.2± 1.1**	25.1± 0.8	25.9± 1.0*	26.5± 0.8*	26.9± 0.9*
20000 ppm	23.7± 0.7	20.3± 1.4**	21.8± 2.4**	23.5± 0.9**	25.0± 1.3**	24.9± 2.5**	26.0± 1.8**

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

STUDY NO. : 0746
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	29.5± 1.6	30.1± 1.6	30.6± 1.9	31.5± 2.0	30.8± 2.1	32.2± 2.5	33.4± 1.9
1250 ppm	28.9± 1.5	29.5± 1.9	30.3± 1.8	30.9± 1.9	31.3± 1.6	32.3± 1.7	33.3± 1.8
2500 ppm	28.6± 2.5	29.8± 1.4	30.3± 1.8	31.0± 1.9	30.7± 2.7	31.9± 2.0	32.8± 1.9
5000 ppm	28.9± 1.7	29.1± 2.2	29.4± 1.9	30.0± 2.3	30.5± 2.5	31.5± 2.7	31.5± 2.4
10000 ppm	27.3± 0.9*	27.8± 1.0*	28.3± 1.1*	28.7± 1.2**	28.8± 1.4	29.7± 1.5*	29.4± 1.8**
20000 ppm	26.5± 1.7**	26.8± 1.6**	26.7± 2.2**	27.5± 2.0**	27.0± 2.6**	28.0± 2.0**	28.2± 1.2**

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

TABLE C 4

BODY WEIGHT CHANGES: FEMALE

STUDY NO. : 0746
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	18.9± 0.5	19.0± 1.2	19.6± 0.7	20.3± 0.5	20.8± 0.5	20.9± 0.7	21.5± 1.4
1250 ppm	18.9± 0.5	19.4± 0.8	20.2± 1.0	20.5± 0.9	21.0± 0.9	21.4± 1.0	22.0± 1.2
2500 ppm	18.9± 0.5	19.0± 0.6	19.8± 0.9	20.3± 0.7	20.7± 0.6	21.3± 0.8	21.5± 0.6
5000 ppm	18.9± 0.5	18.6± 1.3	19.3± 1.6	20.3± 0.5	20.3± 1.1	21.2± 1.0	21.7± 0.7
10000 ppm	18.9± 0.5	19.0± 1.5	19.4± 1.1	19.7± 0.9	20.3± 1.1	20.1± 1.3	21.5± 0.8
20000 ppm	18.9± 0.5	17.2± 1.0**	19.0± 1.7	20.5± 1.3	20.9± 1.0	21.0± 0.8	21.4± 1.0

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

STUDY NO. : 0746
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	22.4± 0.8	22.6± 0.7	22.6± 0.5	23.0± 1.1	23.1± 0.5	23.1± 1.0	23.9± 1.2
1250 ppm	22.5± 0.8	22.5± 1.2	22.9± 1.1	22.8± 1.3	23.4± 0.9	23.9± 1.3	24.4± 1.1
2500 ppm	21.6± 1.1	22.4± 1.2	23.3± 1.4	22.5± 1.7	23.0± 1.1	23.5± 1.1	24.0± 1.0
5000 ppm	22.2± 0.5	22.2± 1.7	22.9± 1.2	22.7± 0.8	23.1± 1.4	23.8± 0.6	24.0± 0.7
10000 ppm	21.9± 1.0	22.4± 0.8	22.4± 0.8	22.5± 1.2	22.3± 1.4	23.7± 0.9	23.6± 0.9
20000 ppm	21.8± 1.1	22.6± 0.9	22.5± 1.5	22.5± 1.1	22.6± 0.8	23.2± 0.9	23.5± 0.6

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

TABLE D 1

FOOD CONSUMPTION CHANGES AND

SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0746
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>	1250 ppm Av. FC.	1250 ppm % of cont. <10>	1250 ppm No. of Surviv.	2500 ppm Av. FC.	2500 ppm % of cont. <10>	2500 ppm No. of Surviv.	5000 ppm Av. FC.	5000 ppm % of cont. <10>	5000 ppm No. of Surviv.	10000 ppm Av. FC.	10000 ppm % of cont. <10>	10000 ppm No. of Surviv.	20000 ppm Av. FC.	20000 ppm % of cont. <10>	20000 ppm No. of Surviv.
1-7	3.7 (10)	10/10	3.8 (10)	103	10/10	4.0 (10)	108	10/10	3.5 (10)	95	10/10	3.4 (10)	92	10/10	2.7 (10)	73	10/10
2-7	4.0 (10)	10/10	3.8 (10)	95	10/10	4.0 (10)	100	10/10	4.0 (10)	100	10/10	4.1 (10)	103	10/10	3.9 (10)	98	10/10
3-7	3.8 (10)	10/10	3.8 (10)	100	10/10	3.7 (10)	97	10/10	3.5 (10)	92	10/10	3.7 (10)	97	10/10	3.7 (10)	97	10/10
4-7	3.8 (10)	10/10	3.7 (10)	97	10/10	3.7 (10)	97	10/10	3.9 (10)	103	10/10	3.6 (10)	95	10/10	3.5 (10)	92	10/10
5-7	3.9 (10)	10/10	3.7 (10)	95	10/10	3.8 (10)	97	10/10	3.7 (10)	95	10/10	3.8 (10)	97	10/10	3.5 (9)	90	10/10
6-7	3.9 (10)	10/10	3.8 (10)	97	10/10	4.0 (10)	103	10/10	3.9 (10)	100	10/10	3.8 (10)	97	10/10	3.8 (10)	97	10/10
7-7	3.9 (10)	10/10	3.7 (10)	95	10/10	3.8 (10)	97	10/10	3.8 (10)	97	10/10	3.8 (10)	97	10/10	3.6 (10)	92	10/10
8-7	3.9 (10)	10/10	3.7 (10)	95	10/10	4.1 (10)	105	10/10	3.7 (10)	95	10/10	3.8 (10)	97	10/10	3.5 (10)	90	10/10
9-7	3.6 (10)	10/10	3.7 (10)	103	10/10	3.8 (9)	106	10/10	3.6 (10)	100	10/10	3.8 (10)	106	10/10	3.4 (10)	94	10/10
10-7	4.0 (10)	10/10	3.8 (10)	95	10/10	4.1 (10)	103	10/10	3.9 (10)	98	10/10	3.7 (10)	93	10/10	3.7 (10)	93	10/10
11-7	3.2 (10)	10/10	3.8 (10)	119	10/10	3.7 (10)	116	10/10	3.8 (10)	119	10/10	3.8 (10)	119	10/10	3.3 (10)	103	10/10
12-7	3.9 (10)	10/10	3.9 (10)	100	10/10	4.2 (10)	108	10/10	3.9 (10)	100	10/10	3.9 (10)	100	10/10	3.8 (10)	97	10/10
13-7	4.0 (10)	10/10	3.9 (10)	98	10/10	4.1 (10)	103	10/10	3.6 (10)	90	10/10	3.6 (10)	90	10/10	3.6 (10)	90	10/10

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

TABLE D 2

FOOD CONSUMPTION CHANGES AND

SURVIVAL ANIMAL NUMBERS: FEMALE

STUDY NO. : 0746
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>	1250 ppm Av. FC.	1250 ppm % of cont. <10>	1250 ppm No. of Surviv.	2500 ppm Av. FC.	2500 ppm % of cont. <10>	2500 ppm No. of Surviv.	5000 ppm Av. FC.	5000 ppm % of cont. <10>	5000 ppm No. of Surviv.	10000 ppm Av. FC.	10000 ppm % of cont. <10>	10000 ppm No. of Surviv.	20000 ppm Av. FC.	20000 ppm % of cont. <10>	20000 ppm No. of Surviv.
1-7	3.4 (10)	10/10	3.6 (10)	106	10/10	3.7 (10)	109	10/10	3.2 (10)	94	10/10	3.3 (10)	97	10/10	3.0 (10)	88	10/10
2-7	3.5 (10)	10/10	3.5 (10)	100	10/10	3.6 (10)	103	10/10	3.3 (10)	94	10/10	3.0 (10)	86	10/10	4.0 (10)	114	10/10
3-7	3.6 (10)	10/10	3.6 (10)	100	10/10	3.7 (10)	103	10/10	3.4 (10)	94	10/10	3.4 (10)	94	10/10	3.5 (9)	97	10/10
4-7	3.5 (10)	10/10	3.6 (10)	103	10/10	3.6 (10)	103	10/10	3.3 (10)	94	10/10	3.2 (10)	91	10/10	3.3 (10)	94	10/10
5-7	3.6 (10)	10/10	3.7 (10)	103	10/10	3.7 (10)	103	10/10	3.6 (10)	100	10/10	3.2 (10)	89	10/10	3.4 (9)	94	10/10
6-7	3.6 (10)	10/10	3.7 (10)	103	10/10	3.7 (10)	103	10/10	3.6 (10)	100	10/10	3.6 (10)	100	10/10	3.5 (10)	97	10/10
7-7	3.9 (10)	10/10	4.0 (10)	103	10/10	3.8 (10)	97	10/10	3.7 (10)	95	10/10	3.6 (10)	92	10/10	3.5 (10)	90	10/10
8-7	3.8 (10)	10/10	3.8 (10)	100	10/10	3.8 (10)	100	10/10	3.6 (10)	95	10/10	3.7 (10)	97	10/10	3.7 (10)	97	10/10
9-7	3.9 (10)	10/10	3.8 (9)	97	10/10	3.9 (10)	100	10/10	3.7 (9)	95	10/10	3.4 (10)	87	10/10	3.7 (10)	95	10/10
10-7	3.8 (10)	10/10	3.7 (10)	97	10/10	3.5 (10)	92	10/10	3.4 (10)	89	10/10	3.5 (10)	92	10/10	3.4 (10)	89	10/10
11-7	3.9 (10)	10/10	4.0 (10)	103	10/10	3.9 (10)	100	10/10	3.6 (10)	92	10/10	3.5 (10)	90	10/10	3.6 (9)	92	10/10
12-7	3.7 (10)	10/10	3.9 (10)	105	10/10	3.8 (10)	103	10/10	3.8 (10)	103	10/10	3.7 (10)	100	10/10	3.6 (10)	97	10/10
13-7	4.0 (10)	10/10	3.9 (10)	98	10/10	3.8 (10)	95	10/10	3.5 (10)	88	10/10	3.4 (10)	85	10/10	3.6 (10)	90	10/10

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

TABLE D 3

FOOD CONSUMPTION CHANGES: MALE

STUDY NO. : 0746
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	3.7± 0.8	4.0± 0.6	3.8± 0.4	3.8± 0.3	3.9± 0.2	3.9± 0.3	3.9± 0.2
1250 ppm	3.8± 0.3	3.8± 0.3	3.8± 0.4	3.7± 0.2	3.7± 0.2	3.8± 0.2	3.7± 0.4
2500 ppm	4.0± 0.3	4.0± 0.2	3.7± 0.1	3.7± 0.2	3.8± 0.3	4.0± 0.3	3.8± 0.6
5000 ppm	3.5± 0.6	4.0± 0.5	3.5± 0.4	3.9± 0.3	3.7± 0.4	3.9± 0.3	3.8± 0.3
10000 ppm	3.4± 0.8*	4.1± 0.6	3.7± 0.3	3.6± 0.4	3.8± 0.3	3.8± 0.3	3.8± 0.3
20000 ppm	2.7± 0.7**	3.9± 0.8	3.7± 0.5	3.5± 0.6	3.5± 0.6	3.8± 0.2	3.6± 0.2

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

STUDY NO. : 0746
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	3.9± 0.3	3.6± 0.4	4.0± 0.2	3.2± 0.7	3.9± 0.5	4.0± 0.5
1250 ppm	3.7± 0.4	3.7± 0.4	3.8± 0.2	3.8± 0.3	3.9± 0.3	3.9± 0.2
2500 ppm	4.1± 0.5	3.8± 0.5	4.1± 0.4	3.7± 0.7*	4.2± 0.4	4.1± 0.2
5000 ppm	3.7± 0.3	3.6± 0.5	3.9± 0.4	3.8± 0.3	3.9± 0.2	3.6± 0.5
10000 ppm	3.8± 0.3	3.8± 0.4	3.7± 0.4	3.8± 0.3	3.9± 0.3	3.6± 0.6
20000 ppm	3.5± 0.2	3.4± 0.4	3.7± 0.4	3.3± 0.7	3.8± 0.5	3.6± 0.5

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

TABLE D 4

FOOD CONSUMPTION CHANGES: FEMALE

STUDY NO. : 0746
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	3.4± 0.6	3.5± 0.3	3.6± 0.4	3.5± 0.4	3.6± 0.3	3.6± 0.5	3.9± 0.4
1250 ppm	3.6± 0.2	3.5± 0.4	3.6± 0.2	3.6± 0.2	3.7± 0.2	3.7± 0.3	4.0± 0.2
2500 ppm	3.7± 0.2	3.6± 0.4	3.7± 0.3	3.6± 0.2	3.7± 0.3	3.7± 0.4	3.8± 0.4
5000 ppm	3.2± 0.4	3.3± 0.4	3.4± 0.4	3.3± 0.3	3.6± 0.3	3.6± 0.2	3.7± 0.2
10000 ppm	3.3± 0.5	3.0± 0.3*	3.4± 0.4	3.2± 0.3	3.2± 0.6	3.6± 0.3	3.6± 0.5
20000 ppm	3.0± 0.6*	4.0± 0.3*	3.5± 0.6	3.3± 0.5	3.4± 0.2	3.5± 0.2	3.5± 0.2*

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

STUDY NO. : 0746
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	3.8± 0.2	3.9± 0.3	3.8± 0.3	3.9± 0.3	3.7± 0.5	4.0± 0.4
1250 ppm	3.8± 0.5	3.8± 0.2	3.7± 0.5	4.0± 0.3	3.9± 0.2	3.9± 0.3
2500 ppm	3.8± 0.5	3.9± 0.4	3.5± 0.4	3.9± 0.2	3.8± 0.3	3.8± 0.4
5000 ppm	3.6± 0.5	3.7± 0.2	3.4± 0.2**	3.6± 0.6	3.8± 0.4	3.5± 0.1**
10000 ppm	3.7± 0.3	3.4± 0.5	3.5± 0.6	3.5± 0.9	3.7± 0.3	3.4± 0.4**
20000 ppm	3.7± 0.3	3.7± 0.4	3.4± 0.2**	3.6± 0.3	3.6± 0.3	3.6± 0.7

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

TABLE E 1

CHEMICAL INTAKE CHANGES: MALE

STUDY NO. : 0746
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : mg／kg／d a y
REPORT TYPE : A1 13
SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration (weeks) 1		2		3		4		5		6		7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
1250 ppm	198±	9	188±	11	182±	16	170±	6	167±	5	167±	8	160±	15
2500 ppm	407±	22	395±	17	357±	12	347±	13	345±	19	353±	25	330±	42
5000 ppm	739±	92	788±	80	692±	69	721±	45	678±	57	692±	44	661±	40
10000 ppm	1500±	265	1684±	216	1468±	112	1380±	122	1425±	97	1426±	101	1400±	84
20000 ppm	2640±	640	3545±	665	3188±	450	2782±	385	2803±	315	2966±	260	2750±	180

STUDY NO. : 0746
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : mg/kg/day
REPORT TYPE : A1 13
SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration (weeks) 8		9		10		11		12		13	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
1250 ppm	157±	13	154±	19	155±	10	150±	12	151±	12	145±	7
2500 ppm	340±	44	309±	35	328±	29	296±	47	327±	34	313±	23
5000 ppm	643±	42	605±	79	648±	53	616±	44	623±	50	570±	78
10000 ppm	1375±	98	1325±	127	1305±	119	1314±	113	1325±	124	1205±	188
20000 ppm	2632±	128	2547±	291	2704±	276	2452±	439	2720±	356	2527±	413

TABLE E 2

CHEMICAL INTAKE CHANGES: FEMALE

STUDY NO. : 0746
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : mg/kg/day
REPORT TYPE : A1 13
SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration (weeks) 1		2		3		4		5		6		7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
1250 ppm	230±	13	218±	17	221±	10	216±	11	217±	7	212±	8	222±	9
2500 ppm	486±	24	452±	45	450±	33	436±	26	431±	34	428±	40	438±	34
5000 ppm	846±	67	849±	72	832±	109	804±	56	854±	53	824±	51	836±	45
10000 ppm	1700±	194	1534±	133	1717±	162	1555±	143	1574±	231	1675±	81	1656±	199
20000 ppm	3457±	575	4191±	499	3388±	599	3143±	446	3227±	254	3223±	144	3255±	276

STUDY NO. : 0746
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : mg/kg/day
REPORT TYPE : A1 13
SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration (weeks) 8		9		10		11		12		13	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
1250 ppm	208±	21	210±	8	200±	24	213±	14	205±	11	200±	11
2500 ppm	419±	49	418±	27	385±	34	423±	37	405±	30	394±	41
5000 ppm	815±	81	806±	53	755±	63	784±	102	795±	90	736±	27
10000 ppm	1632±	145	1524±	207	1558±	204	1547±	304	1559±	101	1452±	150
20000 ppm	3255±	346	3289±	270	3036±	199	3157±	270	3128±	375	3091±	642

TABLE F 1

HEMATOLOGY: MALE

STUDY NO. : 0746
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 f ℓ	MCH p g	MCHC g/dℓ	PLATELET $10^3/\mu\ell$
Control	10	10.88± 0.22	15.6± 0.4	50.0± 0.9	46.0± 0.4	14.4± 0.1	31.3± 0.4	1357± 84
1250 ppm	10	11.14± 0.29	15.8± 0.4	51.1± 1.4	45.9± 0.5	14.2± 0.1	30.9± 0.4	1330± 52
2500 ppm	10	10.69± 0.33	15.4± 0.4	49.8± 1.5	46.6± 0.5	14.5± 0.2	31.1± 0.3	1318± 128
5000 ppm	10	10.74± 0.36	15.5± 0.3	50.1± 1.2	46.7± 1.1	14.5± 0.3	31.0± 0.4	1320± 81
10000 ppm	10	10.71± 0.50	15.6± 0.7	50.0± 2.2	46.7± 0.6*	14.5± 0.1	31.1± 0.3	1335± 67
20000 ppm	10	10.65± 0.33	15.6± 0.4	49.5± 1.1	46.5± 0.4	14.6± 0.2*	31.5± 0.4	1436± 101

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

STUDY NO. : 0746
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 %		METHEMOGLOBIN %	
Control	10	1.9±	0.2	0.4±	0.1
1250 ppm	10	2.1±	0.2	0.3±	0.1
2500 ppm	10	2.5±	0.2**	0.4±	0.1
5000 ppm	10	2.6±	0.5**	0.5±	0.1
10000 ppm	10	2.5±	0.4**	0.6±	0.2**
20000 ppm	10	3.0±	0.7**	0.9±	0.2**

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

STUDY NO. : 0746
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	2.49±	1.27	16±	8	78±	11	2±	1	4±	3	0±	1	1±	1
1250 ppm	10	2.73±	0.85	15±	3	79±	3	2±	1	3±	2	0±	0	1±	1
2500 ppm	10	2.64±	0.80	14±	4	80±	6	2±	1	3±	1	0±	0	1±	1
5000 ppm	10	2.23±	1.06	14±	5	80±	6	1±	0	3±	2	1±	1	2±	1
10000 ppm	10	1.64±	0.63	16±	6	77±	6	2±	2	3±	2	1±	0	2±	1
20000 ppm	10	2.24±	1.29	13±	4	81±	7	1±	1	3±	3	1±	1	2±	1

Significant difference ; * : $P \leqq 0.05$ ** : $P \leqq 0.01$ Test of Dunnett

TABLE F 2

HEMATOLOGY: FEMALE

STUDY NO. : 0746
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 f ℓ		MCH p g		MCHC g/dl		PLATELET $10^3/\mu\ell$	
Control	10	10.88±	0.31	15.8±	0.4	50.0±	1.3	46.0±	0.5	14.5±	0.2	31.5±	0.4	1193±	71
1250 ppm	10	10.92±	0.18	16.0±	0.4	50.1±	1.0	45.9±	0.4	14.6±	0.2	31.9±	0.4	1202±	59
2500 ppm	10	10.96±	0.26	16.1±	0.4	51.2±	1.0	46.7±	0.7*	14.7±	0.2	31.4±	0.4	1231±	58
5000 ppm	10	10.91±	0.45	16.0±	0.6	50.8±	1.5	46.5±	1.0	14.7±	0.1	31.6±	0.5	1319±	52**
10000 ppm	10	10.70±	0.34	15.9±	0.5	50.1±	1.7	46.9±	1.1*	14.8±	0.4*	31.7±	0.4	1329±	81**
20000 ppm	10	10.49±	0.38*	15.8±	0.4	49.3±	1.1	47.1±	1.0**	15.0±	0.3**	31.9±	0.5	1301±	69**

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

Group Name	NO. of Animals	RETICULOCYTE %		METHEMOGLOBIN %	
Control	10	2.2±	0.4	0.3±	0.1
1250 ppm	10	2.6±	0.6	0.3±	0.1
2500 ppm	10	2.7±	0.6	0.4±	0.1*
5000 ppm	10	2.9±	0.7	0.6±	0.1**
10000 ppm	10	3.8±	0.8**	0.8±	0.2**
20000 ppm	10	4.4±	0.7**	1.1±	0.4**

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

STUDY NO. : 0746
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	2.71± 1.01	14± 4	81± 5	1± 1	2± 1	0± 0	1± 0
1250 ppm	10	2.55± 1.47	15± 5	80± 7	1± 1	3± 2	0± 0	1± 1
2500 ppm	10	1.78± 0.83	14± 5	81± 4	1± 0	2± 1	0± 1	1± 1
5000 ppm	10	2.28± 0.82	14± 5	83± 6	1± 0	2± 1	0± 0	1± 1
10000 ppm	10	2.25± 1.48	15± 8	81± 7	1± 0	2± 1	1± 1	2± 1
20000 ppm	10	2.25± 1.59	11± 4	83± 6	1± 0	3± 2	0± 1	2± 1

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

TABLE G 1

BIOCHEMISTRY: MALE

STUDY NO. : 0746
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	5.1± 0.2	2.8± 0.1	1.2± 0.1	0.11± 0.01	227± 23	91± 5	43± 16
1250 ppm	10	5.2± 0.1	2.8± 0.1	1.1± 0.0	0.12± 0.01	233± 27	108± 13**	60± 28
2500 ppm	10	5.1± 0.2	2.7± 0.1	1.1± 0.0	0.12± 0.01	209± 37	107± 10**	47± 13
5000 ppm	10	5.2± 0.2	2.8± 0.1	1.1± 0.1	0.12± 0.01	216± 25	113± 11**	61± 32
10000 ppm	10	5.2± 0.2	2.8± 0.1	1.2± 0.1	0.12± 0.01	209± 27	120± 11**	55± 29
20000 ppm	10	5.3± 0.1	2.8± 0.1	1.2± 0.1	0.13± 0.01*	219± 31	148± 14**	51± 25

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

STUDY NO. : 0746
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	181± 9	41± 3	17± 1	143± 29	222± 10	1± 1	43± 15
1250 ppm	10	208± 16**	43± 4	18± 4	164± 33	198± 15**	1± 0	45± 9
2500 ppm	10	202± 17*	42± 11	19± 2	149± 37	195± 12**	0± 1	46± 22
5000 ppm	10	205± 13**	41± 4	20± 3*	141± 23	197± 17**	1± 1	50± 18
10000 ppm	10	215± 15**	41± 6	19± 2	155± 25	201± 16*	1± 0	51± 17
20000 ppm	10	244± 19**	46± 12	24± 8**	171± 64	236± 22	1± 1	87± 91

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

STUDY NO. : 0746
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	27.9± 5.9	151± 1	4.4± 0.3	120± 2	8.6± 0.2	5.7± 0.8
1250 ppm	10	26.9± 3.4	151± 1	4.1± 0.3	119± 1	8.6± 0.2	5.5± 1.0
2500 ppm	10	25.7± 4.2	151± 1	4.2± 0.2	120± 1	8.6± 0.2	6.4± 0.6
5000 ppm	10	31.4± 4.2	151± 1	4.0± 0.2**	120± 2	8.5± 0.6	6.2± 1.0
10000 ppm	10	32.5± 4.4	151± 1	3.9± 0.3**	119± 2	8.7± 0.2	6.3± 1.0
20000 ppm	10	31.5± 6.0	151± 2	3.9± 0.3**	119± 2	8.7± 0.1	6.1± 0.8

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

TABLE G 2

BIOCHEMISTRY: FEMALE

STUDY NO. : 0746
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	5.1± 0.1	3.0± 0.1	1.4± 0.1	0.12± 0.01	174± 20	73± 10	19± 9
1250 ppm	10	5.1± 0.1	2.9± 0.1	1.3± 0.1	0.11± 0.01	171± 23	87± 8	23± 9
2500 ppm	10	5.2± 0.2	3.0± 0.1	1.4± 0.1	0.11± 0.01	176± 36	90± 12	21± 10
5000 ppm	10	5.2± 0.2	3.0± 0.1	1.3± 0.1	0.12± 0.01	172± 25	111± 18**	22± 11
10000 ppm	10	5.4± 0.3*	3.0± 0.1	1.3± 0.2	0.12± 0.02	161± 23	120± 18**	22± 6
20000 ppm	10	5.2± 0.1	3.0± 0.1	1.4± 0.1	0.12± 0.01	177± 30	155± 18**	35± 18

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

STUDY NO. : 0746
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	146±	19	50±	4	19±	2	135±	11	328±	19	1±	0	50±	9
1250 ppm	10	171±	15*	53±	12	18±	3	137±	22	292±	14*	1±	1	53±	13
2500 ppm	10	170±	19	52±	9	19±	2	158±	42	292±	33*	1±	0	74±	45
5000 ppm	10	201±	28**	50±	7	20±	4	135±	16	303±	28	1±	1	53±	11
10000 ppm	10	209±	24**	53±	8	21±	3	175±	40**	321±	50	1±	1	64±	14
20000 ppm	10	248±	21**	60±	15	24±	6**	172±	34**	288±	24**	1±	0	75±	44

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

STUDY NO. : 0746
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	18.2± 2.8	151± 1	4.2± 0.3	119± 1	8.5± 0.2	5.4± 1.0
1250 ppm	10	19.0± 2.6	151± 1	4.3± 0.2	120± 2	8.6± 0.2	5.2± 0.7
2500 ppm	10	19.8± 3.3	151± 1	4.1± 0.2	121± 2	8.6± 0.1	5.7± 0.6
5000 ppm	10	21.1± 2.7	151± 1	4.1± 0.2	121± 2	8.7± 0.1	5.7± 0.8
10000 ppm	10	23.1± 2.8**	152± 2	4.0± 0.3	120± 3	8.9± 0.5	6.4± 0.9*
20000 ppm	10	21.6± 0.8*	152± 2	3.9± 0.2*	120± 2	8.8± 0.2	6.2± 0.5

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

TABLE H 1

URINALYSIS: MALE

Urinalysis of male mice

In the dosed groups, pH, protein and ketone body could not be measured by urine test paper in some animals, because their urine were colored by metabolite of test substance.

The inspection items and number of animals that could not be measured are shown as followed.

pH: 5000 ppm(2), 10000 ppm(3), 20000 ppm(10)

Protein: 2500 ppm(5), 5000 ppm(9), 10000 ppm and 20000 ppm(10)

Ketone body: 2500 ppm(1), 10000 ppm(4), 20000 ppm(10)

Therefore, pH and ketone body in 20000 ppm dosed group, protein in 5000 ppm and above dosed groups could not be evaluated.

STUDY NO. : 0746
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	1	4	5		0	1	5	4	0	0		10	0	0	0	0	0		1	5	4	0	0	0		10	0	0	0	0	
1250 ppm	10	0	0	0	0	0	5	5		0	3	7	0	0	0		10	0	0	0	0	0		1	4	5	0	0	0		10	0	0	0	0	
2500 ppm	10	0	0	0	1	5	2	2		0	2	3	0	0	0		10	0	0	0	0	0		1	1	7	0	0	0		10	0	0	0	0	
5000 ppm	10	0	0	0	1	1	2	4		0	1	0	0	0	0	?	10	0	0	0	0	0		0	1	8	1	0	0		10	0	0	0	0	
10000 ppm	10	0	0	0	0	3	2	2		0	0	0	0	0	0		10	0	0	0	0	0		0	1	5	0	0	0		10	0	0	0	0	
20000 ppm	10	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		10	0	0	0	0	

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

? : Significant test is not applied, because No. of data in this group is less than 3.

STUDY NO. : 0746
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	
1250 ppm	10	10	0	0	0	0	
2500 ppm	10	10	0	0	0	0	
5000 ppm	10	10	0	0	0	0	
10000 ppm	10	10	0	0	0	0	
20000 ppm	10	10	0	0	0	0	

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

TABLE H 2

URINALYSIS: FEMALE

Urinalysis of female mice

In the dosed groups, pH, protein and ketone body could not be measured by urine test paper in some animals, because their urine were colored by metabolite of test substance.

The inspection items and number of animals that could not be measured are shown as followed.

pH: 10000 ppm(2), 20000 ppm(8)

Protein: 5000 ppm(4), 10000 ppm and 20000 ppm(10)

Ketone body: 2500 ppm(1), 5000 ppm(6), 10000 ppm(9), 20000 ppm(10)

Therefore, pH in 20000 ppm dosed group, protein and ketone body in 10000 ppm and above dosed groups could not be evaluated.

STUDY NO. : 0746
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	4	3	3	0		0	0	6	4	0	0		10	0	0	0	0	0		0	9	1	0	0	0		10	0	0	0	0	
1250 ppm	10	0	0	1	4	2	3	0		0	5	5	0	0	0	*	10	0	0	0	0	0		1	7	2	0	0	0		10	0	0	0	0	
2500 ppm	10	0	1	1	1	3	4	0		0	4	6	0	0	0	*	10	0	0	0	0	0		0	8	1	0	0	0		10	0	0	0	0	
5000 ppm	10	0	0	0	0	1	7	2	*	0	5	1	0	0	0	**	10	0	0	0	0	0		0	3	1	0	0	0		10	0	0	0	0	
10000 ppm	10	0	0	1	0	0	4	3	*	0	0	0	0	0	0		10	0	0	0	0	0		0	1	0	0	0	0	?	10	0	0	0	0	
20000 ppm	10	0	0	0	0	1	1	0	?	0	0	0	0	0	0		10	0	0	0	0	0		0	0	0	0	0	0		10	0	0	0	0	

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

? : Significant test is not applied, because No. of data in this group is less than 3.

STUDY NO. : 0746
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	
1250 ppm	10	10	0	0	0	0	
2500 ppm	10	10	0	0	0	0	
5000 ppm	10	10	0	0	0	0	
10000 ppm	10	10	0	0	0	0	
20000 ppm	10	10	0	0	0	0	

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

TABLE I 1

GROSS FINDINGS: MALE: ALL ANIMALS

STUDY NO. : 0746
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 (%)	1250 ppm 10 (%)	2500 ppm 10 (%)	5000 ppm 10 (%)
kidney	white zone		0 (0)	0 (0)	0 (0)	0 (0)
	deformed		0 (0)	0 (0)	0 (0)	0 (0)
testis	small		0 (0)	1 (10)	0 (0)	0 (0)

Organ	Findings	Group Name / NO. of Animals	10000 ppm 10 (%)	20000 ppm 10 (%)
kidney	white zone		0 (0)	1 (10)
	deformed		1 (10)	0 (0)
testis	small		0 (0)	0 (0)

TABLE I 2

GROSS FINDINGS: FEMALE: ALL ANIMALS

Organ	Findings	Group Name / NO. of Animals	Control 10	(%)	1250 ppm 10	(%)	2500 ppm 10	(%)	5000 ppm 10	(%)
kidney	small		0	(0)	0	(0)	0	(0)	1	(10)
	white zone		0	(0)	0	(0)	0	(0)	1	(10)
	hydronephrosis		0	(0)	0	(0)	0	(0)	0	(0)

Organ	Findings	Group Name NO. of Animals	10000 ppm 10 (%)	20000 ppm 10 (%)
kidney	small		0 (0)	0 (0)
	white zone		0 (0)	0 (0)
	hydronephrosis		1 (10)	0 (0)

TABLE J 1

ORGAN WEIGHT, ABSOLUTE: MALE

STUDY NO. : 0746
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	30.6± 1.8	0.039± 0.007	0.011± 0.001	0.220± 0.044	0.143± 0.013	0.140± 0.012
1250 ppm	10	30.5± 1.7	0.041± 0.006	0.011± 0.002	0.219± 0.042	0.142± 0.009	0.141± 0.009
2500 ppm	10	30.4± 1.9	0.037± 0.005	0.010± 0.002	0.205± 0.036	0.146± 0.008	0.143± 0.008
5000 ppm	10	28.7± 2.2	0.034± 0.006	0.010± 0.002	0.213± 0.027	0.143± 0.011	0.141± 0.006
10000 ppm	10	26.6± 1.5**	0.030± 0.006**	0.010± 0.001	0.235± 0.022	0.142± 0.011	0.140± 0.009
20000 ppm	10	25.4± 1.5**	0.032± 0.004	0.011± 0.002	0.192± 0.035	0.133± 0.013	0.134± 0.008

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

STUDY NO. : 0746
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	0.412± 0.035	0.050± 0.003	1.103± 0.049	0.434± 0.015
1250 ppm	10	0.396± 0.027	0.054± 0.008	1.153± 0.067	0.442± 0.020
2500 ppm	10	0.420± 0.030	0.060± 0.006**	1.196± 0.052**	0.440± 0.011
5000 ppm	10	0.420± 0.026	0.058± 0.006*	1.239± 0.065**	0.428± 0.009
10000 ppm	10	0.427± 0.033	0.059± 0.010*	1.290± 0.094**	0.435± 0.013
20000 ppm	10	0.397± 0.019	0.063± 0.011**	1.317± 0.047**	0.423± 0.011

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

TABLE J 2

ORGAN WEIGHT, ABSOLUTE: FEMALE

STUDY NO. : 0746
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	21.1± 0.9	0.040± 0.003	0.013± 0.001	0.033± 0.011	0.117± 0.006	0.132± 0.007
1250 ppm	10	21.6± 1.0	0.044± 0.006	0.014± 0.002	0.029± 0.010	0.123± 0.009	0.133± 0.017
2500 ppm	10	21.2± 1.0	0.039± 0.007	0.013± 0.001	0.028± 0.004	0.117± 0.006	0.129± 0.005
5000 ppm	10	21.0± 0.7	0.041± 0.007	0.014± 0.002	0.028± 0.006	0.118± 0.008	0.134± 0.010
10000 ppm	10	20.8± 0.9	0.040± 0.004	0.013± 0.001	0.028± 0.005	0.116± 0.008	0.127± 0.007
20000 ppm	10	20.6± 0.7	0.039± 0.003	0.013± 0.001	0.028± 0.008	0.114± 0.005	0.126± 0.007

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

STUDY NO. : 0746
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	0.286± 0.014	0.059± 0.004	0.850± 0.063	0.446± 0.011
1250 ppm	10	0.289± 0.014	0.064± 0.006	0.919± 0.057*	0.444± 0.013
2500 ppm	10	0.285± 0.014	0.065± 0.009	0.914± 0.060	0.443± 0.018
5000 ppm	10	0.290± 0.012	0.066± 0.005*	0.932± 0.043**	0.437± 0.008
10000 ppm	10	0.515± 0.717	0.079± 0.023**	0.957± 0.055**	0.436± 0.010
20000 ppm	10	0.296± 0.013	0.092± 0.013**	1.077± 0.056**	0.432± 0.009

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

TABLE K 1

ORGAN WEIGHT, RELATIVE: MALE

STUDY NO. : 0746
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	30.6± 1.8	0.126± 0.019	0.035± 0.004	0.715± 0.133	0.466± 0.038	0.455± 0.021
1250 ppm	10	30.5± 1.7	0.135± 0.016	0.037± 0.006	0.717± 0.136	0.467± 0.028	0.463± 0.032
2500 ppm	10	30.4± 1.9	0.121± 0.015	0.034± 0.006	0.679± 0.131	0.483± 0.036	0.471± 0.033
5000 ppm	10	28.7± 2.2	0.120± 0.019	0.035± 0.005	0.752± 0.132	0.503± 0.052	0.494± 0.040
10000 ppm	10	26.6± 1.5**	0.112± 0.021	0.039± 0.005	0.882± 0.073*	0.534± 0.038**	0.527± 0.037**
20000 ppm	10	25.4± 1.5**	0.127± 0.013	0.044± 0.009**	0.755± 0.139	0.526± 0.069*	0.528± 0.042**

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

STUDY NO. : 0746
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	1.344± 0.078	0.163± 0.007	3.606± 0.146	1.421± 0.088
1250 ppm	10	1.299± 0.066	0.177± 0.025	3.781± 0.179	1.451± 0.079
2500 ppm	10	1.383± 0.092	0.198± 0.024**	3.944± 0.158**	1.451± 0.097
5000 ppm	10	1.472± 0.133*	0.204± 0.019**	4.339± 0.282**	1.502± 0.108
10000 ppm	10	1.605± 0.086**	0.221± 0.030**	4.843± 0.244**	1.638± 0.089**
20000 ppm	10	1.565± 0.095**	0.249± 0.041**	5.187± 0.243**	1.667± 0.120**

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

TABLE K 2

ORGAN WEIGHT, RELATIVE: FEMALE

STUDY NO. : 0746
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	21.1± 0.9	0.188± 0.010	0.063± 0.007	0.154± 0.046	0.555± 0.037	0.625± 0.030
1250 ppm	10	21.6± 1.0	0.203± 0.023	0.063± 0.007	0.136± 0.045	0.568± 0.022	0.614± 0.065
2500 ppm	10	21.2± 1.0	0.185± 0.037	0.063± 0.008	0.131± 0.019	0.553± 0.033	0.610± 0.043
5000 ppm	10	21.0± 0.7	0.193± 0.027	0.065± 0.008	0.134± 0.027	0.563± 0.033	0.637± 0.050
10000 ppm	10	20.8± 0.9	0.194± 0.017	0.063± 0.006	0.135± 0.027	0.555± 0.028	0.612± 0.030
20000 ppm	10	20.6± 0.7	0.190± 0.015	0.064± 0.007	0.133± 0.037	0.553± 0.034	0.612± 0.037

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

STUDY NO. : 0746
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	1.354± 0.083	0.279± 0.018	4.016± 0.180	2.112± 0.100
1250 ppm	10	1.339± 0.027	0.297± 0.020	4.251± 0.166*	2.059± 0.067
2500 ppm	10	1.346± 0.100	0.308± 0.037*	4.312± 0.213**	2.094± 0.133
5000 ppm	10	1.380± 0.050	0.313± 0.024**	4.433± 0.166**	2.078± 0.052
10000 ppm	10	2.415± 3.233	0.378± 0.098**	4.600± 0.227**	2.099± 0.099
20000 ppm	10	1.439± 0.065	0.447± 0.065**	5.239± 0.180**	2.102± 0.088

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

TABLE L 1

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS: MALE: ALL ANIMALS

STUDY NO. : 0746
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	Control				1250 ppm				2500 ppm				5000 ppm			
		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}																		
bone marrow			<10>				<10>				<10>				<10>			
	erythropoiesis:increased		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)
spleen			<10>				<10>				<10>				<10>			
	deposit of hemosiderin		1	0	0	0	1	0	0	0	10	0	0	0 **	10	0	0	0 **
			(10)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(100)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	deposit of melanin		0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(20)	(0)	(0)	(0)
	extramedullary hematopoiesis		1	0	0	0	1	0	0	0	3	0	0	0	4	0	0	0
			(10)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(30)	(0)	(0)	(0)	(40)	(0)	(0)	(0)
{Circulatory system}																		
heart			<10>				<10>				<10>				<10>			
	mineralization		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>			
	inflammatory cell nest		0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0
			(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(20)	(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	10000 ppm				20000 ppm			
		No. of Animals on Study	10				10			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Hematopoietic system}										
bone marrow			<10>				<10>			
	erythropoiesis:increased		0	0	0	0	2	0	0	0
			(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)
spleen			<10>				<10>			
	deposit of hemosiderin		10	0	0	0 **	10	0	0	0 **
			(100)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	deposit of melanin		0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	extramedullary hematopoiesis		6	0	0	0	8	0	0	0 **
			(60)	(0)	(0)	(0)	(80)	(0)	(0)	(0)
{Circulatory system}										
heart			<10>				<10>			
	mineralization		0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
{Digestive system}										
liver			<10>				<10>			
	inflammatory cell nest		1	0	0	0	3	0	0	0
			(10)	(0)	(0)	(0)	(30)	(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				1250 ppm				2500 ppm				5000 ppm			
		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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
liver			<10>				<10>				<10>				<10>			
	hepatocellular hypertrophy:central		0	0	0	0	0	0	0	0	2	0	0	0	7	0	0	0 **
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(70)	(0)	(0)	(0)
{Urinary system}																		
kidney			<10>				<10>				<10>				<10>			
	hydronephrosis		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)
{Reproductive system}																		
testis			<10>				<10>				<10>				<10>			
	atrophy		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)	(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	10000 ppm				20000 ppm			
		No. of Animals on Study	10				10			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}										
liver			<10>				<10>			
	hepatocellular hypertrophy:central		9	1	0	0 **	0	10	0	0 **
			(90)	(10)	(0)	(0)	(0)	(100)	(0)	(0)
{Urinary system}										
kidney			<10>				<10>			
	hydronephrosis		1	0	0	0	0	0	0	0
			(10)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Reproductive system}										
testis			<10>				<10>			
	atrophy		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

TABLE L 2

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS: FEMALE: ALL ANIMALS

Organ	Findings	Group Name	Control				1250 ppm				2500 ppm				5000 ppm			
		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}																		
bone marrow			<10>				<10>				<10>				<10>			
	erythropoiesis:increased		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)
spleen			<10>				<10>				<10>				<10>			
	deposit of hemosiderin		10	0	0	0	10	0	0	0	10	0	0	0	10	0	0	0
			(100)	(0)	(0)	(0)	(100)	(0)	(0)	(0)	(100)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	extramedullary hematopoiesis		1	0	0	0	2	0	0	0	3	0	0	0	4	0	0	0
			(10)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(30)	(0)	(0)	(0)	(40)	(0)	(0)	(0)
{Digestive system}																		
liver			<10>				<10>				<10>				<10>			
	inflammatory cell nest		3	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
			(30)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	extramedullary hematopoiesis		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)
	hepatocellular hypertrophy:central		0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(20)	(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	10000 ppm				20000 ppm			
		No. of Animals on Study	10				10			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Hematopoietic system}										
bone marrow			<10>				<10>			
	erythropoiesis:increased		0	0	0	0	5	0	0	0 *
			(0)	(0)	(0)	(0)	(50)	(0)	(0)	(0)
spleen			<10>				<10>			
	deposit of hemosiderin		2	8	0	0 **	0	10	0	0 **
			(20)	(80)	(0)	(0)	(0)	(100)	(0)	(0)
	extramedullary hematopoiesis		5	1	0	0	6	4	0	0 **
			(50)	(10)	(0)	(0)	(60)	(40)	(0)	(0)
{Digestive system}										
liver			<10>				<10>			
	inflammatory cell nest		0	0	0	0	3	0	0	0
			(0)	(0)	(0)	(0)	(30)	(0)	(0)	(0)
	extramedullary hematopoiesis		0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hepatocellular hypertrophy:central		7	0	0	0 **	10	0	0	0 **
			(70)	(0)	(0)	(0)	(100)	(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				1250 ppm				2500 ppm				5000 ppm			
		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>			
	inflammatory polyp		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)
	hydronephrosis		0	0	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)

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	10000 ppm				20000 ppm			
		No. of Animals on Study	10				10			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}										
kidney			<10>				<10>			
	inflammatory polyp		0	1	0	0	0	0	0	0
			(0)	(10)	(0)	(0)	(0)	(0)	(0)	(0)
	hydronephrosis		0	0	1	0	0	0	0	0
			(0)	(0)	(10)	(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