エチレングリコールモノエチルエーテルアセテート
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：0744

TABLES

TABLES

TABLES (CONTINUED)

TABLE A

CONCENTRATIONS OF ETHYLENE GLYCOL MONOETHYL ETHER ACETATE IN THE INHALATION CHAMBER OF THE 13-WEEK INHALATION STUDY

CONCENTRATIONS OF ETHYLENE GLYCOL MONOETHYL ETHER ACETATE
IN THE INHALATION CHAMBER OF THE 13-WEEK INHALATION STUDY

Group Name	Concentration(ppm) Mean ± S.D.
Control	0.0 ± 0.0
50 ppm	50.0 ± 0.7
100 ppm	100.2 ± 1.0
200 ppm	200.0 ± 2.1
400 ppm	399.3 ± 4.0
800 ppm	798.6 ± 4.9

TABLE B1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0744
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 13
SEX : MALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Weeks) 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
		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
50ppm	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
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
		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
200ppm	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
400ppm	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
800ppm	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

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

TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0744
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 13
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Weeks) 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
		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
50ppm	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
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
		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
200ppm	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
400ppm	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
800ppm	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

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

TABLE C1

CLINICAL OBSERVATION : MALE

STUDY NO. : 0744
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
	50ppm	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
	200ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	400ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	800ppm	10	10	10	10	10	10	10	10	10	10	10	10	10

TABLE C2

CLINICAL OBSERVATION : FEMALE

STUDY NO. : 0744
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
	50ppm	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
	200ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	400ppm	10	10	10	10	10	10	10	10	10	10	10	10	10
	800ppm	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. : 0744
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>	50ppm Av.Wt.	50ppm % of cont. <10>	50ppm No. of Surviv.	100ppm Av.Wt.	100ppm % of cont. <10>	100ppm No. of Surviv.	200ppm Av.Wt.	200ppm % of cont. <10>	200ppm No. of Surviv.	400ppm Av.Wt.	400ppm % of cont. <10>	400ppm No. of Surviv.	800ppm Av.Wt.	800ppm % of cont. <10>	800ppm No. of Surviv.
1-7	24.7 (10)	10/10	23.4 (10)	95	10/10	24.7 (10)	100	10/10	24.5 (10)	99	10/10	24.0 (10)	97	10/10	24.0 (10)	97	10/10
2-7	25.4 (10)	10/10	23.8 (10)	94	10/10	25.3 (10)	100	10/10	25.0 (10)	98	10/10	24.4 (10)	96	10/10	24.5 (10)	96	10/10
3-7	25.7 (10)	10/10	24.4 (10)	95	10/10	25.7 (10)	100	10/10	25.3 (10)	98	10/10	24.6 (10)	96	10/10	24.9 (10)	97	10/10
4-7	26.8 (10)	10/10	25.3 (10)	94	10/10	26.3 (10)	98	10/10	26.2 (10)	98	10/10	25.2 (10)	94	10/10	25.8 (10)	96	10/10
5-7	27.3 (10)	10/10	25.6 (10)	94	10/10	26.9 (10)	99	10/10	26.7 (10)	98	10/10	25.5 (10)	93	10/10	26.2 (10)	96	10/10
6-7	28.2 (10)	10/10	26.0 (10)	92	10/10	27.4 (10)	97	10/10	27.4 (10)	97	10/10	26.3 (10)	93	10/10	26.7 (10)	95	10/10
7-7	28.3 (10)	10/10	26.6 (10)	94	10/10	27.7 (10)	98	10/10	27.7 (10)	98	10/10	27.0 (10)	95	10/10	27.0 (10)	95	10/10
8-7	29.2 (10)	10/10	27.3 (10)	93	10/10	28.5 (10)	98	10/10	28.3 (10)	97	10/10	27.5 (10)	94	10/10	27.5 (10)	94	10/10
9-7	29.9 (10)	10/10	27.8 (10)	93	10/10	29.3 (10)	98	10/10	29.4 (10)	98	10/10	28.1 (10)	94	10/10	28.3 (10)	95	10/10
10-7	30.4 (10)	10/10	28.2 (10)	93	10/10	29.5 (10)	97	10/10	29.7 (10)	98	10/10	28.7 (10)	94	10/10	28.6 (10)	94	10/10
11-7	30.5 (10)	10/10	28.5 (10)	93	10/10	30.1 (10)	99	10/10	30.2 (10)	99	10/10	29.0 (10)	95	10/10	28.8 (10)	94	10/10
12-7	31.4 (10)	10/10	29.4 (10)	94	10/10	30.7 (10)	98	10/10	30.8 (10)	98	10/10	29.2 (10)	93	10/10	29.3 (10)	93	10/10
13-7	32.0 (10)	10/10	29.7 (10)	93	10/10	31.8 (10)	99	10/10	31.6 (10)	99	10/10	29.9 (10)	93	10/10	29.9 (10)	93	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. : 0744
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>	50ppm Av. Wt.	50ppm % of cont. <10>	50ppm No. of Surviv.	100ppm Av. Wt.	100ppm % of cont. <10>	100ppm No. of Surviv.	200ppm Av. Wt.	200ppm % of cont. <10>	200ppm No. of Surviv.	400ppm Av. Wt.	400ppm % of cont. <10>	400ppm No. of Surviv.	800ppm Av. Wt.	800ppm % of cont. <10>	800ppm No. of Surviv.
1-7	19.7 (10)	10/10	19.8 (10)	101	10/10	20.1 (10)	102	10/10	19.8 (10)	101	10/10	19.9 (10)	101	10/10	19.3 (10)	98	10/10
2-7	21.0 (10)	10/10	20.5 (10)	98	10/10	20.7 (10)	99	10/10	20.6 (10)	98	10/10	20.3 (10)	97	10/10	20.1 (10)	96	10/10
3-7	20.9 (10)	10/10	20.9 (10)	100	10/10	21.0 (10)	100	10/10	20.8 (10)	100	10/10	21.2 (10)	101	10/10	20.7 (10)	99	10/10
4-7	22.8 (10)	10/10	22.3 (10)	98	10/10	21.9 (10)	96	10/10	21.9 (10)	96	10/10	22.0 (10)	96	10/10	21.6 (10)	95	10/10
5-7	22.9 (10)	10/10	22.6 (10)	99	10/10	22.3 (10)	97	10/10	22.4 (10)	98	10/10	22.8 (10)	100	10/10	22.6 (10)	99	10/10
6-7	23.4 (10)	10/10	23.5 (10)	100	10/10	22.9 (10)	98	10/10	22.8 (10)	97	10/10	23.2 (10)	99	10/10	22.5 (10)	96	10/10
7-7	23.9 (10)	10/10	23.7 (10)	99	10/10	23.4 (10)	98	10/10	23.1 (10)	97	10/10	23.7 (10)	99	10/10	22.8 (10)	95	10/10
8-7	24.1 (10)	10/10	23.8 (10)	99	10/10	23.7 (10)	98	10/10	23.2 (10)	96	10/10	24.4 (10)	101	10/10	23.6 (10)	98	10/10
9-7	24.3 (10)	10/10	24.5 (10)	101	10/10	24.0 (10)	99	10/10	24.2 (10)	100	10/10	24.4 (10)	100	10/10	23.5 (10)	97	10/10
10-7	24.9 (10)	10/10	25.0 (10)	100	10/10	24.3 (10)	98	10/10	24.0 (10)	96	10/10	24.9 (10)	100	10/10	24.4 (10)	98	10/10
11-7	24.6 (10)	10/10	24.5 (10)	100	10/10	24.6 (10)	100	10/10	24.7 (10)	100	10/10	25.1 (10)	102	10/10	24.3 (10)	99	10/10
12-7	24.9 (10)	10/10	25.8 (10)	104	10/10	24.5 (10)	98	10/10	24.4 (10)	98	10/10	25.0 (10)	100	10/10	24.0 (10)	96	10/10
13-7	25.1 (10)	10/10	25.2 (10)	100	10/10	24.7 (10)	98	10/10	24.6 (10)	98	10/10	25.6 (10)	102	10/10	24.7 (10)	98	10/10

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

TABLE D3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0744
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 1-7	2-7	3-7	4-7	5-7	6-7	7-7
Control	24.7± 1.1	25.4± 0.4	25.7± 0.4	26.8± 0.5	27.3± 0.7	28.2± 0.9	28.3± 0.7
50ppm	23.4± 0.5**	23.8± 0.7**	24.4± 0.8**	25.3± 0.9**	25.6± 1.0**	26.0± 1.1**	26.6± 1.2**
100ppm	24.7± 0.4	25.3± 0.8	25.7± 0.5	26.3± 0.5	26.9± 0.8	27.4± 1.0	27.7± 0.9
200ppm	24.5± 0.8	25.0± 0.7	25.3± 0.6	26.2± 0.8	26.7± 0.8	27.4± 0.9	27.7± 1.2
400ppm	24.0± 0.9	24.4± 0.9*	24.6± 1.0**	25.2± 0.8**	25.5± 0.8**	26.3± 0.9**	27.0± 1.1*
800ppm	24.0± 0.7	24.5± 0.7*	24.9± 0.5	25.8± 0.6**	26.2± 0.9*	26.7± 1.0**	27.0± 0.8*

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

STUDY NO. : 0744
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 8-7	9-7	10-7	11-7	12-7	13-7
Control	29.2± 0.7	29.9± 0.8	30.4± 0.9	30.5± 1.3	31.4± 1.2	32.0± 1.3
50ppm	27.3± 1.2**	27.8± 1.2**	28.2± 1.3**	28.5± 1.7*	29.4± 1.9*	29.7± 1.9*
100ppm	28.5± 1.1	29.3± 1.4	29.5± 1.3	30.1± 1.7	30.7± 1.7	31.8± 1.7
200ppm	28.3± 1.3	29.4± 1.7	29.7± 1.5	30.2± 1.8	30.8± 1.9	31.6± 2.2
400ppm	27.5± 1.2**	28.1± 1.3*	28.7± 1.3*	29.0± 1.5	29.2± 1.6*	29.9± 1.5*
800ppm	27.5± 1.0**	28.3± 1.0*	28.6± 1.1*	28.8± 1.0*	29.3± 1.1*	29.9± 1.1*

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

TABLE D4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0744
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 1-7	2-7	3-7	4-7	5-7	6-7	7-7
Control	19.7± 0.7	21.0± 0.4	20.9± 0.4	22.8± 1.2	22.9± 0.9	23.4± 1.1	23.9± 0.8
50ppm	19.8± 1.0	20.5± 0.9	20.9± 1.1	22.3± 1.2	22.6± 1.1	23.5± 1.1	23.7± 1.4
100ppm	20.1± 0.7	20.7± 0.7	21.0± 0.8	21.9± 1.0	22.3± 1.1	22.9± 0.7	23.4± 0.7
200ppm	19.8± 0.6	20.6± 1.1	20.8± 0.7	21.9± 1.0	22.4± 1.1	22.8± 1.1	23.1± 0.9
400ppm	19.9± 0.9	20.3± 1.1	21.2± 0.7	22.0± 0.9	22.8± 1.1	23.2± 0.8	23.7± 0.8
800ppm	19.3± 0.4	20.1± 0.9	20.7± 0.9	21.6± 1.0	22.6± 1.4	22.5± 1.2	22.8± 0.9

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

STUDY NO. : 0744
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 8-7	9-7	10-7	11-7	12-7	13-7
Control	24.1± 0.5	24.3± 0.9	24.9± 0.8	24.6± 0.8	24.9± 0.5	25.1± 0.6
50ppm	23.8± 1.3	24.5± 1.3	25.0± 1.5	24.5± 1.2	25.8± 1.5	25.2± 1.2
100ppm	23.7± 0.9	24.0± 1.0	24.3± 1.4	24.6± 0.8	24.5± 1.0	24.7± 1.0
200ppm	23.2± 1.1	24.2± 1.1	24.0± 0.9	24.7± 1.5	24.4± 0.9	24.6± 1.0
400ppm	24.4± 0.9	24.4± 1.1	24.9± 1.0	25.1± 1.5	25.0± 1.1	25.6± 1.7
800ppm	23.6± 1.0	23.5± 1.3	24.4± 1.5	24.3± 1.3	24.0± 1.1	24.7± 1.4

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

TABLE E1

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0744
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>	50ppm Av. FC.	50ppm % of cont. <10>	50ppm No. of Surviv.	100ppm Av. FC.	100ppm % of cont. <10>	100ppm No. of Surviv.	200ppm Av. FC.	200ppm % of cont. <10>	200ppm No. of Surviv.	400ppm Av. FC.	400ppm % of cont. <10>	400ppm No. of Surviv.	800ppm Av. FC.	800ppm % of cont. <10>	800ppm No. of Surviv.
1-7	4.5 (10)	10/10	4.2 (10)	93	10/10	4.5 (10)	100	10/10	4.5 (10)	100	10/10	4.4 (10)	98	10/10	4.3 (10)	96	10/10
2-7	4.3 (10)	10/10	4.3 (10)	100	10/10	4.2 (10)	98	10/10	4.2 (10)	98	10/10	4.1 (10)	95	10/10	4.1 (10)	95	10/10
3-7	4.3 (10)	10/10	4.3 (10)	100	10/10	4.3 (10)	100	10/10	4.3 (10)	100	10/10	4.1 (10)	95	10/10	4.1 (10)	95	10/10
4-7	4.4 (10)	10/10	4.3 (10)	98	10/10	4.2 (10)	95	10/10	4.2 (10)	95	10/10	4.2 (10)	95	10/10	4.2 (10)	95	10/10
5-7	4.3 (10)	10/10	4.4 (10)	102	10/10	4.3 (10)	100	10/10	4.3 (10)	100	10/10	4.3 (10)	100	10/10	4.3 (10)	100	10/10
6-7	4.5 (10)	10/10	4.4 (10)	98	10/10	4.5 (10)	100	10/10	4.5 (10)	100	10/10	4.4 (10)	98	10/10	4.4 (10)	98	10/10
7-7	4.3 (10)	10/10	4.5 (10)	105	10/10	4.3 (10)	100	10/10	4.4 (10)	102	10/10	4.4 (10)	102	10/10	4.3 (10)	100	10/10
8-7	4.5 (10)	10/10	4.6 (10)	102	10/10	4.6 (10)	102	10/10	4.5 (10)	100	10/10	4.5 (10)	100	10/10	4.4 (10)	98	10/10
9-7	4.5 (10)	10/10	4.5 (10)	100	10/10	4.5 (10)	100	10/10	4.7 (10)	104	10/10	4.5 (10)	100	10/10	4.4 (10)	98	10/10
10-7	4.5 (10)	10/10	4.5 (10)	100	10/10	4.6 (10)	102	10/10	4.6 (10)	102	10/10	4.6 (10)	102	10/10	4.5 (10)	100	10/10
11-7	4.5 (10)	10/10	4.6 (10)	102	10/10	4.6 (10)	102	10/10	4.6 (10)	102	10/10	4.5 (10)	100	10/10	4.5 (10)	100	10/10
12-7	4.7 (10)	10/10	4.7 (10)	100	10/10	4.7 (10)	100	10/10	4.8 (10)	102	10/10	4.7 (10)	100	10/10	4.6 (10)	98	10/10
13-7	4.5 (10)	10/10	4.5 (10)	100	10/10	4.6 (10)	102	10/10	4.6 (10)	102	10/10	4.5 (10)	100	10/10	4.4 (10)	98	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. : 0744
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>	50ppm Av. FC.	50ppm % of cont. <10>	50ppm No. of Surviv.	100ppm Av. FC.	100ppm % of cont. <10>	100ppm No. of Surviv.	200ppm Av. FC.	200ppm % of cont. <10>	200ppm No. of Surviv.	400ppm Av. FC.	400ppm % of cont. <10>	400ppm No. of Surviv.	800ppm Av. FC.	800ppm % of cont. <10>	800ppm No. of Surviv.
1-7	3.8 (10)	10/10	3.7 (10)	97	10/10	3.8 (10)	100	10/10	3.8 (10)	100	10/10	3.8 (10)	100	10/10	3.7 (10)	97	10/10
2-7	4.0 (10)	10/10	3.9 (10)	98	10/10	3.9 (10)	98	10/10	3.9 (10)	98	10/10	3.9 (10)	98	10/10	3.8 (10)	95	10/10
3-7	4.1 (10)	10/10	4.1 (10)	100	10/10	4.0 (10)	98	10/10	4.0 (10)	98	10/10	4.0 (10)	98	10/10	3.9 (10)	95	10/10
4-7	4.3 (10)	10/10	4.2 (10)	98	10/10	3.9 (10)	91	10/10	4.1 (10)	95	10/10	4.2 (10)	98	10/10	3.9 (10)	91	10/10
5-7	4.3 (10)	10/10	4.3 (10)	100	10/10	4.2 (10)	98	10/10	4.3 (10)	100	10/10	4.2 (10)	98	10/10	4.1 (10)	95	10/10
6-7	4.5 (10)	10/10	4.5 (10)	100	10/10	4.3 (10)	96	10/10	4.4 (10)	98	10/10	4.4 (10)	98	10/10	4.1 (10)	91	10/10
7-7	4.5 (10)	10/10	4.5 (10)	100	10/10	4.4 (10)	98	10/10	4.4 (10)	98	10/10	4.4 (10)	98	10/10	4.1 (10)	91	10/10
8-7	4.6 (10)	10/10	4.6 (10)	100	10/10	4.5 (10)	98	10/10	4.5 (10)	98	10/10	4.6 (10)	100	10/10	4.3 (10)	93	10/10
9-7	4.6 (10)	10/10	4.5 (10)	98	10/10	4.4 (10)	96	10/10	4.5 (10)	98	10/10	4.3 (10)	93	10/10	4.2 (10)	91	10/10
10-7	4.7 (10)	10/10	4.6 (10)	98	10/10	4.5 (10)	96	10/10	4.5 (10)	96	10/10	4.5 (10)	96	10/10	4.3 (10)	91	10/10
11-7	4.6 (10)	10/10	4.5 (10)	98	10/10	4.4 (10)	96	10/10	4.5 (10)	98	10/10	4.5 (10)	98	10/10	4.2 (10)	91	10/10
12-7	4.6 (10)	10/10	4.8 (10)	104	10/10	4.4 (10)	96	10/10	4.6 (10)	100	10/10	4.5 (10)	98	10/10	4.3 (10)	93	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	4.5 (10)	102	10/10	4.2 (10)	95	10/10

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

TABLE E3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0744
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	4.5± 0.1	4.3± 0.2	4.3± 0.2	4.4± 0.2	4.3± 0.2	4.5± 0.2	4.3± 0.2
50ppm	4.2± 0.2**	4.3± 0.2	4.3± 0.2	4.3± 0.3	4.4± 0.3	4.4± 0.3	4.5± 0.3
100ppm	4.5± 0.2	4.2± 0.2	4.3± 0.2	4.2± 0.2	4.3± 0.3	4.5± 0.3	4.3± 0.2
200ppm	4.5± 0.1	4.2± 0.2	4.3± 0.2	4.2± 0.2	4.3± 0.3	4.5± 0.2	4.4± 0.2
400ppm	4.4± 0.3	4.1± 0.2	4.1± 0.1	4.2± 0.2	4.3± 0.2	4.4± 0.2	4.4± 0.2
800ppm	4.3± 0.1*	4.1± 0.2	4.1± 0.1	4.2± 0.2	4.3± 0.2	4.4± 0.2	4.3± 0.2

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

STUDY NO. : 0744
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	4.5± 0.1	4.5± 0.1	4.5± 0.2	4.5± 0.2	4.7± 0.2	4.5± 0.2
50ppm	4.6± 0.3	4.5± 0.3	4.5± 0.2	4.6± 0.4	4.7± 0.4	4.5± 0.3
100ppm	4.6± 0.2	4.5± 0.3	4.6± 0.1	4.6± 0.3	4.7± 0.3	4.6± 0.2
200ppm	4.5± 0.3	4.7± 0.3	4.6± 0.2	4.6± 0.3	4.8± 0.3	4.6± 0.3
400ppm	4.5± 0.2	4.5± 0.3	4.6± 0.2	4.5± 0.3	4.7± 0.2	4.5± 0.2
800ppm	4.4± 0.2	4.4± 0.2	4.5± 0.2	4.5± 0.2	4.6± 0.3	4.4± 0.2

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

TABLE E4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0744
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	3.8± 0.3	4.0± 0.2	4.1± 0.2	4.3± 0.3	4.3± 0.5	4.5± 0.3	4.5± 0.2
50ppm	3.7± 0.4	3.9± 0.2	4.1± 0.2	4.2± 0.2	4.3± 0.2	4.5± 0.3	4.5± 0.3
100ppm	3.8± 0.2	3.9± 0.3	4.0± 0.3	3.9± 0.3*	4.2± 0.3	4.3± 0.3	4.4± 0.3
200ppm	3.8± 0.2	3.9± 0.3	4.0± 0.3	4.1± 0.3	4.3± 0.3	4.4± 0.3	4.4± 0.2
400ppm	3.8± 0.3	3.9± 0.2	4.0± 0.2	4.2± 0.2	4.2± 0.2	4.4± 0.3	4.4± 0.3
800ppm	3.7± 0.2	3.8± 0.2	3.9± 0.2	3.9± 0.3**	4.1± 0.3	4.1± 0.3*	4.1± 0.2*

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

STUDY NO. : 0744
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	4.6± 0.2	4.6± 0.2	4.7± 0.2	4.6± 0.3	4.6± 0.2	4.4± 0.3
50ppm	4.6± 0.3	4.5± 0.3	4.6± 0.3	4.5± 0.3	4.8± 0.3	4.3± 0.4
100ppm	4.5± 0.2	4.4± 0.2	4.5± 0.3	4.4± 0.2	4.4± 0.2	4.4± 0.2
200ppm	4.5± 0.4	4.5± 0.2	4.5± 0.2	4.5± 0.3	4.6± 0.2	4.4± 0.3
400ppm	4.6± 0.3	4.3± 0.3*	4.5± 0.3	4.5± 0.3	4.5± 0.4	4.5± 0.4
800ppm	4.3± 0.2	4.2± 0.2**	4.3± 0.3	4.2± 0.2**	4.3± 0.2*	4.2± 0.3

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

TABLE F1

HEMATOLOGY : MALE

STUDY NO. : 0744
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	11.16±	0.31	15.9±	0.5	50.8±	1.6	45.5±	0.5	14.3±	0.2	31.4±	0.5	1437±	83
50ppm	8	11.31±	0.30	16.3±	0.4	51.5±	1.7	45.5±	0.9	14.4±	0.1	31.6±	0.6	1400±	64
100ppm	9	10.97±	0.52	15.7±	0.7	50.2±	2.4	45.8±	0.4	14.4±	0.2	31.4±	0.5	1316±	107*
200ppm	10	11.09±	0.35	16.0±	0.6	50.6±	1.8	45.6±	0.6	14.4±	0.2	31.6±	0.4	1323±	85*
400ppm	10	11.17±	0.26	16.2±	0.4	51.4±	1.9	46.1±	1.0	14.5±	0.1**	31.6±	0.8	1318±	96*
800ppm	10	10.86±	0.46	15.8±	0.5	50.3±	1.7	46.3±	0.8	14.5±	0.2**	31.4±	0.5	1109±	76**

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

STUDY NO. : 0744
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	2.2± 0.2
50ppm	8	2.2± 0.1
100ppm	9	2.2± 0.2
200ppm	10	2.2± 0.1
400ppm	10	2.2± 0.3
800ppm	10	2.2± 0.4

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

STUDY NO. : 0744
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	2.89± 1.40	13± 2	81± 4	2± 1	3± 2	1± 1	1± 1
50ppm	8	2.71± 1.30	14± 6	80± 7	2± 1	3± 1	0± 1	2± 1
100ppm	9	2.94± 1.68	13± 2	81± 4	2± 0	3± 2	0± 1	2± 2
200ppm	10	2.68± 1.49	14± 4	79± 5	2± 1	4± 2	0± 0	2± 1
400ppm	10	2.77± 1.52	17± 8	77± 9	2± 1	3± 2	0± 0	2± 1
800ppm	10	1.87± 0.88	16± 4	76± 6	3± 1	4± 2	0± 0	2± 3

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

TABLE F2

HEMATOLOGY : FEMALE

STUDY NO. : 0744
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	10.90± 0.28	16.0± 0.5	50.3± 1.5	46.2± 1.3	14.7± 0.2	31.9± 1.2	1266± 71
50ppm	10	11.00± 0.31	16.1± 0.4	50.6± 1.5	46.0± 0.6	14.6± 0.2	31.8± 0.4	1299± 80
100ppm	10	10.92± 0.24	16.0± 0.5	50.5± 1.3	46.2± 0.6	14.6± 0.1	31.7± 0.5	1243± 60
200ppm	10	10.90± 0.22	16.0± 0.3	49.9± 1.2	45.8± 0.4	14.6± 0.2	32.0± 0.4	1224± 73
400ppm	10	10.69± 0.33	15.9± 0.4	49.4± 1.1	46.3± 0.7	14.9± 0.2	32.1± 0.5	1105± 102**
800ppm	10	10.27± 0.26**	15.0± 0.7**	48.2± 1.4**	46.9± 1.2	14.6± 0.5	31.2± 1.5	998± 115**

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

STUDY NO. : 0744
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	2.1± 0.3
50ppm	10	2.0± 0.3
100ppm	10	2.1± 0.4
200ppm	10	2.0± 0.4
400ppm	10	2.3± 0.7
800ppm	10	2.1± 0.5

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

STUDY NO. : 0744
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	2.45±	1.22	15±	4	80±	4	1±	1	2±	1	0±	0	2±	1
50ppm	10	2.66±	2.36	19±	8	75±	8	2±	1	2±	1	1±	1	2±	2
100ppm	10	2.20±	1.56	15±	4	79±	6	1±	1	2±	1	1±	1	2±	3
200ppm	10	1.65±	1.14	17±	7	78±	8	1±	0	2±	1	1±	1	2±	1
400ppm	10	2.69±	2.05	19±	6	76±	8	2±	1	3±	1	0±	0	1±	2
800ppm	10	1.27±	1.06	25±	8**	66±	9**	1±	1	4±	2*	1±	1*	3±	3

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

(HCL070)

TABLE G1

BIOCHEMISTRY : MALE

STUDY NO. : 0744
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	1.2± 0.1	0.12± 0.01	212± 29	89± 11	48± 13
50ppm	9	5.2± 0.1	2.8± 0.1	1.1± 0.1	0.12± 0.01	198± 33	78± 8	28± 5**
100ppm	10	5.2± 0.2	2.8± 0.1	1.2± 0.1	0.12± 0.01	190± 29	83± 10	37± 10
200ppm	10	5.1± 0.2	2.7± 0.1	1.2± 0.0	0.12± 0.01	196± 20	79± 12	35± 13*
400ppm	10	5.1± 0.2	2.8± 0.1	1.2± 0.1	0.13± 0.01	196± 30	74± 5**	28± 11**
800ppm	10	5.1± 0.2	2.8± 0.1	1.2± 0.1	0.12± 0.02	199± 25	71± 8**	26± 9**

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

STUDY NO. : 0744
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	179± 20	42± 4	16± 2	129± 23	228± 15	1± 0	50± 16
50ppm	9	162± 13	43± 7	16± 3	152± 73	235± 18	1± 1	65± 41
100ppm	10	171± 18	47± 9	19± 3	171± 58	226± 20	1± 1	74± 37
200ppm	10	163± 20	43± 4	16± 2	148± 33	226± 13	1± 0	52± 18
400ppm	10	155± 10*	44± 7	17± 2	140± 31	221± 13	1± 1	60± 24
800ppm	10	149± 16**	45± 7	17± 2	126± 40	202± 12**	0± 1	54± 18

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

STUDY NO. : 0744
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	27.7± 2.9	151± 1	4.2± 0.4	121± 2	8.7± 0.3	6.2± 0.9
50ppm	9	26.5± 3.1	151± 1	4.3± 0.4	121± 1	8.4± 0.2*	6.0± 0.5
100ppm	10	27.2± 2.7	152± 1	4.3± 0.4	121± 1	8.6± 0.2	6.4± 0.7
200ppm	10	27.2± 4.3	152± 1	4.5± 0.4	121± 2	8.5± 0.2	6.2± 0.7
400ppm	10	26.2± 2.5	152± 1	4.4± 0.6	121± 1	8.6± 0.2	6.2± 0.8
800ppm	10	22.1± 3.2**	152± 1	4.4± 0.5	120± 1	8.7± 0.2	5.8± 0.8

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

TABLE G2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0744
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	5.3±	0.1	3.1±	0.1	1.4±	0.1	0.12±	0.01	182±	19	77±	10	21±	12
50ppm	10	5.2±	0.1*	3.0±	0.0	1.4±	0.0	0.11±	0.01	175±	19	75±	10	21±	7
100ppm	10	5.4±	0.2	3.1±	0.1	1.4±	0.1	0.11±	0.01	162±	19	76±	13	20±	12
200ppm	10	5.3±	0.1	3.1±	0.1	1.4±	0.1	0.11±	0.01	175±	24	76±	11	21±	7
400ppm	10	5.3±	0.1	3.1±	0.1	1.4±	0.0	0.11±	0.01	177±	16	77±	12	24±	10
800ppm	10	5.1±	0.2**	3.0±	0.1	1.5±	0.1*	0.12±	0.03	171±	29	66±	13	18±	8

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

STUDY NO. : 0744
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	149± 24	61± 12	21± 3	176± 54	385± 42	1± 1	88± 21
50ppm	10	149± 25	67± 39	22± 8	202± 105	366± 40	1± 1	125± 149
100ppm	10	147± 28	63± 14	22± 5	205± 108	376± 36	1± 1	93± 49
200ppm	10	145± 18	65± 27	21± 5	185± 82	377± 42	1± 1	169± 247
400ppm	10	149± 24	57± 14	21± 4	150± 38	327± 51	1± 1	99± 67
800ppm	10	129± 24	97± 67	27± 13	242± 236	356± 57	0± 0	164± 200

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

STUDY NO. : 0744
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	23.3±	2.4	150±	1	4.3±	0.3	120±	2	8.6±	0.2	5.7±	0.9
50ppm	10	22.5±	5.0	150±	1	4.1±	0.2	119±	1	8.7±	0.3	6.1±	1.1
100ppm	10	22.2±	3.0	150±	1	4.2±	0.2	120±	2	8.6±	0.4	6.0±	0.8
200ppm	10	22.2±	2.3	151±	1	4.1±	0.4	120±	1	8.7±	0.2	6.0±	0.5
400ppm	10	21.1±	2.3	150±	2	4.4±	0.3	120±	2	8.6±	0.3	5.8±	0.4
800ppm	10	20.9±	3.8	152±	2	4.1±	0.3	121±	2	8.7±	0.3	6.3±	1.0

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

TABLE H1

URINALYSIS : MALE

STUDY NO. : 0744 URINALYSIS
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

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	1	0	2	1	6		0	3	6	1	0	0		10	0	0	0	0	0		4	4	2	0	0	0		10	0	0	0	0	
50ppm	10	0	1	1	1	1	2	4		0	2	4	4	0	0		10	0	0	0	0	0		3	2	4	1	0	0		10	0	0	0	0	
100ppm	10	0	1	3	2	1	2	1		0	2	7	1	0	0		10	0	0	0	0	0		6	3	1	0	0	0		9	0	0	1	0	
200ppm	10	0	1	4	2	2	1	0		0	1	8	0	1	0		10	0	0	0	0	0		3	1	6	0	0	0		10	0	0	0	0	
400ppm	10	0	0	2	3	2	1	2		0	2	6	2	0	0		10	0	0	0	0	0		3	2	4	1	0	0		10	0	0	0	0	
800ppm	10	0	1	0	0	1	3	5		0	4	6	0	0	0		10	0	0	0	0	0		5	3	2	0	0	0		10	0	0	0	0	

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

(HCL101)

STUDY NO. : 0744 URINALYSIS
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

Group Name	NO. of Animals	Urobilinogen ±	+	2+	3+	4+	CHI
Control	10	10	0	0	0	0	
50ppm	10	10	0	0	0	0	
100ppm	10	10	0	0	0	0	
200ppm	10	10	0	0	0	0	
400ppm	10	10	0	0	0	0	
800ppm	10	10	0	0	0	0	

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

TABLE H2

URINALYSIS : FEMALE

STUDY NO. : 0744
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	0	1	9	0		0	0	8	2	0	0		10	0	0	0	0	0		1	9	0	0	0	0		10	0	0	0	0	
50ppm	10	0	0	1	1	1	7	0		0	0	10	0	0	0		10	0	0	0	0	0		3	7	0	0	0	0		10	0	0	0	0	
100ppm	10	0	0	0	0	1	8	1		0	0	9	1	0	0		10	0	0	0	0	0		2	8	0	0	0	0		10	0	0	0	0	
200ppm	10	0	0	0	0	2	8	0		0	0	9	1	0	0		10	0	0	0	0	0		2	8	0	0	0	0		10	0	0	0	0	
400ppm	10	0	0	0	0	1	8	1		0	0	9	1	0	0		10	0	0	0	0	0		5	5	0	0	0	0		10	0	0	0	0	
800ppm	10	0	0	0	0	1	6	3		0	1	8	1	0	0		10	0	0	0	0	0		3	7	0	0	0	0		10	0	0	0	0	

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

STUDY NO. : 0744 URINALYSIS
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

Group Name	NO. of Animals	Urobilinogen ±	+	2+	3+	4+	CHI
Control	10	10	0	0	0	0	
50ppm	10	10	0	0	0	0	
100ppm	10	10	0	0	0	0	
200ppm	10	10	0	0	0	0	
400ppm	10	10	0	0	0	0	
800ppm	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. : 0744
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 (%)	50ppm 10 (%)	100ppm 10 (%)	200ppm 10 (%)
spleen	black zone		0 (0)	0 (0)	0 (0)	0 (0)
kidney	hydronephrosis		1 (10)	0 (0)	0 (0)	0 (0)

Organ	Findings	Group Name	400ppm		800ppm	
		NO. of Animals	10	(%)	10	(%)
spleen	black zone		1	(10)	0	(0)
kidney	hydronephrosis		0	(0)	0	(0)

TABLE I 2

GROSS FINDINGS : FEMALE

Organ	Findings	Group Name	Control	50ppm	100ppm	200ppm
		NO. of Animals	10 (%)	10 (%)	10 (%)	10 (%)
ovary	cyst		0 (0)	2 (20)	0 (0)	3 (30)

Organ	Findings	Group Name	400ppm		800ppm	
		NO. of Animals	10	(%)	10	(%)
ovary	cyst		1	(10)	0	(0)

TABLE J1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0744
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	28.5± 1.4	0.030± 0.003	0.011± 0.001	0.220± 0.024	0.155± 0.014	0.145± 0.011
50ppm	10	26.0± 2.1**	0.032± 0.007	0.012± 0.002	0.211± 0.036	0.152± 0.013	0.150± 0.019
100ppm	10	27.8± 1.8	0.031± 0.004	0.011± 0.002	0.207± 0.042	0.156± 0.010	0.144± 0.006
200ppm	10	27.7± 2.2	0.030± 0.007	0.012± 0.002	0.207± 0.032	0.151± 0.006	0.144± 0.012
400ppm	10	26.0± 1.5*	0.029± 0.004	0.012± 0.001	0.218± 0.037	0.147± 0.006	0.145± 0.009
800ppm	10	26.1± 1.2*	0.028± 0.004	0.012± 0.002	0.087± 0.013**	0.149± 0.009	0.147± 0.013

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

STUDY NO. : 0744
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	0.604± 0.463	0.051± 0.010	1.098± 0.038	0.436± 0.006
50ppm	10	0.442± 0.037	0.048± 0.005	1.040± 0.093	0.449± 0.010*
100ppm	10	0.461± 0.015	0.053± 0.004	1.090± 0.058	0.449± 0.015*
200ppm	10	0.455± 0.031	0.049± 0.006	1.086± 0.066	0.449± 0.008*
400ppm	10	0.435± 0.021*	0.048± 0.005	1.057± 0.057	0.446± 0.010
800ppm	10	0.420± 0.026**	0.048± 0.003	1.057± 0.080	0.437± 0.011

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

TABLE J2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0744
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	21.0± 0.4	0.038± 0.004	0.016± 0.002	0.032± 0.007	0.131± 0.010	0.148± 0.011
50ppm	10	21.3± 1.3	0.039± 0.004	0.015± 0.001	0.036± 0.011	0.126± 0.009	0.141± 0.008
100ppm	10	20.5± 0.9	0.037± 0.006	0.015± 0.002	0.033± 0.005	0.126± 0.010	0.141± 0.010
200ppm	10	20.7± 0.9	0.037± 0.006	0.015± 0.001	0.037± 0.011	0.126± 0.010	0.133± 0.010
400ppm	10	21.4± 1.2	0.036± 0.004	0.016± 0.002	0.035± 0.013	0.130± 0.006	0.138± 0.010
800ppm	10	20.4± 1.3	0.031± 0.003**	0.016± 0.002	0.031± 0.004	0.124± 0.010	0.137± 0.013

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

STUDY NO. : 0744
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	0.302± 0.019	0.056± 0.007	0.882± 0.048	0.456± 0.012
50ppm	10	0.303± 0.019	0.057± 0.005	0.907± 0.086	0.458± 0.011
100ppm	10	0.298± 0.015	0.053± 0.005	0.875± 0.063	0.452± 0.011
200ppm	10	0.297± 0.017	0.058± 0.007	0.873± 0.064	0.448± 0.009
400ppm	10	0.306± 0.016	0.061± 0.008	0.917± 0.082	0.447± 0.013
800ppm	10	0.302± 0.017	0.052± 0.007	0.851± 0.102	0.438± 0.014**

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

TABLE K1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0744
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	28.5± 1.4	0.107± 0.009	0.040± 0.005	0.773± 0.098	0.545± 0.052	0.511± 0.054
50ppm	10	26.0± 2.1**	0.123± 0.017	0.046± 0.010	0.815± 0.136	0.587± 0.050	0.576± 0.057*
100ppm	10	27.8± 1.8	0.110± 0.010	0.040± 0.007	0.752± 0.180	0.561± 0.043	0.518± 0.043
200ppm	10	27.7± 2.2	0.109± 0.017	0.044± 0.008	0.756± 0.151	0.550± 0.040	0.525± 0.059
400ppm	10	26.0± 1.5*	0.111± 0.012	0.045± 0.003	0.841± 0.150	0.568± 0.042	0.561± 0.054
800ppm	10	26.1± 1.2*	0.107± 0.013	0.045± 0.008	0.332± 0.052**	0.570± 0.036	0.562± 0.047

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

STUDY NO. : 0744
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	2.146± 1.704	0.179± 0.037	3.863± 0.120	1.536± 0.087
50ppm	10	1.704± 0.108	0.186± 0.013	4.008± 0.227	1.738± 0.106**
100ppm	10	1.664± 0.129	0.190± 0.012	3.921± 0.176	1.620± 0.110
200ppm	10	1.658± 0.183	0.178± 0.020	3.937± 0.198	1.632± 0.130
400ppm	10	1.677± 0.117	0.185± 0.016	4.069± 0.154	1.722± 0.102**
800ppm	10	1.613± 0.122	0.183± 0.015	4.056± 0.334	1.678± 0.099*

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

TABLE K2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0744
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	21.0± 0.4	0.179± 0.017	0.076± 0.009	0.153± 0.033	0.626± 0.044	0.704± 0.048
50ppm	10	21.3± 1.3	0.185± 0.017	0.070± 0.007	0.169± 0.050	0.592± 0.044	0.662± 0.042
100ppm	10	20.5± 0.9	0.180± 0.025	0.075± 0.009	0.160± 0.025	0.615± 0.032	0.686± 0.050
200ppm	10	20.7± 0.9	0.179± 0.024	0.070± 0.004	0.179± 0.049	0.605± 0.041	0.641± 0.028*
400ppm	10	21.4± 1.2	0.170± 0.019	0.075± 0.008	0.165± 0.061	0.608± 0.040	0.648± 0.035*
800ppm	10	20.4± 1.3	0.150± 0.010**	0.080± 0.009	0.154± 0.022	0.609± 0.056	0.674± 0.066

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

STUDY NO. : 0744
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	1.440± 0.079	0.266± 0.032	4.203± 0.172	2.174± 0.055
50ppm	10	1.424± 0.057	0.269± 0.014	4.255± 0.224	2.159± 0.126
100ppm	10	1.454± 0.065	0.259± 0.021	4.259± 0.188	2.206± 0.082
200ppm	10	1.434± 0.053	0.280± 0.028	4.208± 0.183	2.166± 0.096
400ppm	10	1.435± 0.077	0.286± 0.026	4.293± 0.254	2.097± 0.118
800ppm	10	1.481± 0.068	0.256± 0.031	4.161± 0.317	2.151± 0.141

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

TABLE L1

HISTOPATHOLOGICAL FINDINGS :

NON-NEOPLASTIC LESIONS : MALE

Organ	Findings	Group Name	Control				50ppm				100ppm				200ppm			
		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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
nasal cavit			<10>				<10>				<10>				<10>			
	respiratory metaplasia:olfactory epithelium		0	0	0	0	1	0	0	0	5	0	0	0 *	6	0	0	0 *
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(50)	(0)	(0)	(0)	(60)	(0)	(0)	(0)
	atrophy:olfactory epithelium		0	0	0	0	3	0	0	0	5	0	0	0 *	9	0	0	0 **
			(0)	(0)	(0)	(0)	(30)	(0)	(0)	(0)	(50)	(0)	(0)	(0)	(90)	(0)	(0)	(0)
	necrosis:olfactory epithelium		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)	(0)	(0)	(0)	(0)
	vacuolic change:olfactory epithelium		0	0	0	0	3	0	0	0	4	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(30)	(0)	(0)	(0)	(40)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Hematopoietic system}																		
spleen			<10>				<10>				<10>				<10>			
	deposit of melanin		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)	(0)
{Urinary system}																		
kidney			<10>				<10>				<10>				<10>			
	cyst		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	400ppm				800ppm			
		No. of Animals on Study	10				10			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}										
nasal cavit			<10>				<10>			
	respiratory metaplasia:olfactory epithelium		9	0	0	0 **	8	0	0	0 **
			(90)	(0)	(0)	(0)	(80)	(0)	(0)	(0)
	atrophy:olfactory epithelium		9	0	0	0 **	10	0	0	0 **
			(90)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	necrosis:olfactory epithelium		2	0	0	0	0	0	0	0
			(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	vacuolic change:olfactory epithelium		0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Hematopoietic system}										
spleen			<10>				<10>			
	deposit of melanin		1	0	0	0	0	0	0	0
			(10)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Urinary system}										
kidney			<10>				<10>			
	cyst		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				50ppm				100ppm				200ppm			
		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)
{Reproductive system}																		
testis			<10>				<10>				<10>				<10>			
	tubular atrophy		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)
epididymis			<10>				<10>				<10>				<10>			
	decreased:sperma		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)
	debris of spermatic elements		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	400ppm				800ppm			
		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)
{Reproductive system}										
testis			<10>				<10>			
	tubular atrophy		0	0	0	0	2	8	0	0 **
			(0)	(0)	(0)	(0)	(20)	(80)	(0)	(0)
epididymis			<10>				<10>			
	decreased:sperma		0	0	0	0	10	0	0	0 **
			(0)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	debris of spermatic elements		0	0	0	0	10	0	0	0 **
			(0)	(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

TABLE L2

HISTOPATHOLOGICAL FINDINGS :

NON-NEOPLASTIC LESIONS : FEMALE

Organ	Findings	Group Name	Control				50ppm				100ppm				200ppm			
		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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
nasal cavit			<10>				<10>				<10>				<10>			
	eosinophilic change:respiratory epithelium		2	0	0	0	2	0	0	0	4	0	0	0	9	0	0	0 **
			(20)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(40)	(0)	(0)	(0)	(90)	(0)	(0)	(0)
	respiratory metaplasia:olfactory epithelium		0	0	0	0	1	0	0	0	9	0	0	0 **	9	0	0	0 **
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(90)	(0)	(0)	(0)	(90)	(0)	(0)	(0)
	atrophy:olfactory epithelium		0	0	0	0	2	0	0	0	6	0	0	0 *	9	0	0	0 **
			(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(60)	(0)	(0)	(0)	(90)	(0)	(0)	(0)
	necrosis:olfactory epithelium		0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	vacuolic change:olfactory epithelium		0	0	0	0	2	0	0	0	5	0	0	0 *	4	0	0	0
			(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(50)	(0)	(0)	(0)	(40)	(0)	(0)	(0)
{Hematopoietic system}																		
thymus			<10>				<10>				<10>				<10>			
	karyorrhexis		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 melanin		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	400ppm				800ppm			
		No. of Animals on Study	10				10			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}										
nasal cavit			<10>				<10>			
	eosinophilic change:respiratory epithelium		8	0	0	0 *	9	0	0	0 **
			(80)	(0)	(0)	(0)	(90)	(0)	(0)	(0)
	respiratory metaplasia:olfactory epithelium		8	0	0	0 **	10	0	0	0 **
			(80)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	atrophy:olfactory epithelium		10	0	0	0 **	10	0	0	0 **
			(100)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	necrosis:olfactory epithelium		0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	vacuolic change:olfactory epithelium		2	0	0	0	3	0	0	0
			(20)	(0)	(0)	(0)	(30)	(0)	(0)	(0)
{Hematopoietic system}										
thymus			<10>				<10>			
	karyorrhexis		0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
spleen			<10>				<10>			
	deposit of melanin		0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(10)	(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 / No. of Animals on Study / Grade	Control 10				50ppm 10				100ppm 10				200ppm 10			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
{Digestive system}																		
stomach			<10>				<10>				<10>				<10>			
	hyperplasia:forestomach		0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammation:forestomach		0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
liver			<10>				<10>				<10>				<10>			
	inflammatory cell nest		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}																		
ovary			<10>				<10>				<10>				<10>			
	cyst		0	0	0	0	2	0	0	0	0	0	0	0	3	0	0	0
			(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(0)	(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	400ppm				800ppm			
		No. of Animals on Study	10				10			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}										
stomach			<10>				<10>			
	hyperplasia:forestomach		0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammation:forestomach		0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
liver			<10>				<10>			
	inflammatory cell nest		1	0	0	0	0	0	0	0
			(10)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Reproductive system}										
ovary			<10>				<10>			
	cyst		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