エチレングリコールモノエチルエーテルアセテート
のラットを用いた吸入による 13 週間毒性試験報告書

試験番号：0743

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
25 ppm	25.0 ± 0.5
50 ppm	50.0 ± 0.9
100 ppm	100.3 ± 1.1
200 ppm	200.7 ± 2.3
400 ppm	400.1 ± 2.9

TABLE B1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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
25ppm	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

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

TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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
25ppm	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

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

TABLE C1

CLINICAL OBSERVATION : MALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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
	25ppm	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

TABLE C2

CLINICAL OBSERVATION : FEMALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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
		1	1	1	1	1	1	1	1	1	1	1	1	1
CATARACT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0
	25ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	50ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	100ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	200ppm	0	0	0	0	0	0	0	0	0	0	0	0	0
	400ppm	0	0	0	0	0	0	0	0	0	1	1	1	1
NON REMARKABLE	Control	10	10	10	10	10	10	10	10	10	10	10	10	10
	25ppm	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	9	9	9	9

TABLE D1

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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>	25ppm Av. Wt.	25ppm % of cont. <10>	25ppm No. of Surviv.	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.
1-7	155 (10)	10/10	155 (10)	100	10/10	156 (10)	101	10/10	154 (10)	99	10/10	152 (10)	98	10/10	148 (10)	95	10/10
2-7	189 (10)	10/10	185 (10)	98	10/10	188 (10)	99	10/10	185 (10)	98	10/10	182 (10)	96	10/10	179 (10)	95	10/10
3-7	213 (10)	10/10	209 (10)	98	10/10	214 (10)	100	10/10	207 (10)	97	10/10	204 (10)	96	10/10	201 (10)	94	10/10
4-7	231 (10)	10/10	227 (10)	98	10/10	235 (10)	102	10/10	225 (10)	97	10/10	222 (10)	96	10/10	217 (10)	94	10/10
5-7	250 (10)	10/10	243 (10)	97	10/10	254 (10)	102	10/10	243 (10)	97	10/10	238 (10)	95	10/10	231 (10)	92	10/10
6-7	266 (10)	10/10	257 (10)	97	10/10	268 (10)	101	10/10	255 (10)	96	10/10	250 (10)	94	10/10	240 (10)	90	10/10
7-7	279 (10)	10/10	269 (10)	96	10/10	283 (10)	101	10/10	269 (10)	96	10/10	263 (10)	94	10/10	250 (10)	90	10/10
8-7	292 (10)	10/10	280 (10)	96	10/10	294 (10)	101	10/10	281 (10)	96	10/10	271 (10)	93	10/10	256 (10)	88	10/10
9-7	302 (10)	10/10	288 (10)	95	10/10	302 (10)	100	10/10	290 (10)	96	10/10	280 (10)	93	10/10	261 (10)	86	10/10
10-7	310 (10)	10/10	296 (10)	95	10/10	311 (10)	100	10/10	297 (10)	96	10/10	286 (10)	92	10/10	265 (10)	85	10/10
11-7	317 (10)	10/10	302 (10)	95	10/10	317 (10)	100	10/10	305 (10)	96	10/10	293 (10)	92	10/10	274 (10)	86	10/10
12-7	322 (10)	10/10	309 (10)	96	10/10	323 (10)	100	10/10	311 (10)	97	10/10	297 (10)	92	10/10	280 (10)	87	10/10
13-7	329 (10)	10/10	315 (10)	96	10/10	330 (10)	100	10/10	317 (10)	96	10/10	302 (10)	92	10/10	287 (10)	87	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. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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>	25ppm Av. Wt.	25ppm % of cont. <10>	25ppm No. of Surviv.	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.
1-7	112 (10)	10/10	111 (10)	99	10/10	112 (10)	100	10/10	111 (10)	99	10/10	108 (10)	96	10/10	106 (10)	95	10/10
2-7	128 (10)	10/10	125 (10)	98	10/10	127 (10)	99	10/10	125 (10)	98	10/10	122 (10)	95	10/10	118 (10)	92	10/10
3-7	139 (10)	10/10	136 (10)	98	10/10	137 (10)	99	10/10	133 (10)	96	10/10	131 (10)	94	10/10	125 (10)	90	10/10
4-7	147 (10)	10/10	143 (10)	97	10/10	144 (10)	98	10/10	141 (10)	96	10/10	139 (10)	95	10/10	130 (10)	88	10/10
5-7	156 (10)	10/10	150 (10)	96	10/10	151 (10)	97	10/10	148 (10)	95	10/10	146 (10)	94	10/10	135 (10)	87	10/10
6-7	161 (10)	10/10	158 (10)	98	10/10	157 (10)	98	10/10	153 (10)	95	10/10	150 (10)	93	10/10	139 (10)	86	10/10
7-7	166 (10)	10/10	163 (10)	98	10/10	162 (10)	98	10/10	159 (10)	96	10/10	156 (10)	94	10/10	145 (10)	87	10/10
8-7	171 (10)	10/10	167 (10)	98	10/10	165 (10)	96	10/10	161 (10)	94	10/10	157 (10)	92	10/10	144 (10)	84	10/10
9-7	174 (10)	10/10	169 (10)	97	10/10	168 (10)	97	10/10	163 (10)	94	10/10	160 (10)	92	10/10	146 (10)	84	10/10
10-7	178 (10)	10/10	171 (10)	96	10/10	171 (10)	96	10/10	166 (10)	93	10/10	161 (10)	90	10/10	148 (10)	83	10/10
11-7	181 (10)	10/10	176 (10)	97	10/10	177 (10)	98	10/10	169 (10)	93	10/10	164 (10)	91	10/10	150 (10)	83	10/10
12-7	184 (10)	10/10	177 (10)	96	10/10	177 (10)	96	10/10	171 (10)	93	10/10	167 (10)	91	10/10	152 (10)	83	10/10
13-7	188 (10)	10/10	181 (10)	96	10/10	181 (10)	96	10/10	173 (10)	92	10/10	170 (10)	90	10/10	156 (10)	83	10/10

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

TABLE D3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	155± 4	189± 5	213± 6	231± 6	250± 6	266± 5	279± 5
25ppm	155± 4	185± 4	209± 8	227± 9	243± 9	257± 7	269± 8
50ppm	156± 7	188± 8	214± 9	235± 9	254± 9	268± 11	283± 13
100ppm	154± 6	185± 7	207± 7	225± 6	243± 8	255± 10*	269± 10
200ppm	152± 6	182± 7	204± 6*	222± 9*	238± 10**	250± 11**	263± 12**
400ppm	148± 7*	179± 7**	201± 7**	217± 8**	231± 6**	240± 8**	250± 10**

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	292± 5	302± 6	310± 8	317± 9	322± 9	329± 11
25ppm	280± 7*	288± 8*	296± 9*	302± 9*	309± 10	315± 11*
50ppm	294± 14	302± 14	311± 14	317± 15	323± 16	330± 17
100ppm	281± 11	290± 11	297± 10*	305± 9	311± 10	317± 10
200ppm	271± 11**	280± 12**	286± 11**	293± 10**	297± 11**	302± 9**
400ppm	256± 10**	261± 10**	265± 11**	274± 11**	280± 13**	287± 12**

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

TABLE D4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	112± 4	128± 4	139± 5	147± 5	156± 8	161± 8	166± 9
25ppm	111± 3	125± 5	136± 6	143± 8	150± 8	158± 8	163± 9
50ppm	112± 4	127± 4	137± 5	144± 5	151± 6	157± 7	162± 6
100ppm	111± 5	125± 5	133± 6	141± 7	148± 6*	153± 6*	159± 7
200ppm	108± 5	122± 5*	131± 3**	139± 4*	146± 5**	150± 5**	156± 6*
400ppm	106± 4**	118± 5**	125± 4**	130± 5**	135± 5**	139± 5**	145± 6**

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	171± 9	174± 9	178± 9	181± 10	184± 10	188± 9
25ppm	167± 10	169± 10	171± 10	176± 11	177± 11	181± 9
50ppm	165± 7	168± 8	171± 7	177± 7	177± 7	181± 8
100ppm	161± 7*	163± 7**	166± 6**	169± 8**	171± 7**	173± 7**
200ppm	157± 7**	160± 6**	161± 6**	164± 8**	167± 7**	170± 7**
400ppm	144± 6**	146± 5**	148± 5**	150± 5**	152± 5**	156± 6**

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

TABLE E1

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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>	25ppm Av. FC.	25ppm % of cont. <10>	25ppm No. of Surviv.	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.
1-7	15.2 (10)	10/10	15.1 (10)	99	10/10	15.7 (10)	103	10/10	14.7 (10)	97	10/10	14.6 (10)	96	10/10	14.1 (10)	93	10/10
2-7	17.3 (10)	10/10	16.5 (10)	95	10/10	17.1 (10)	99	10/10	16.9 (10)	98	10/10	16.5 (10)	95	10/10	15.5 (10)	90	10/10
3-7	17.9 (10)	10/10	17.2 (10)	96	10/10	18.1 (10)	101	10/10	17.6 (10)	98	10/10	17.3 (10)	97	10/10	16.7 (10)	93	10/10
4-7	17.4 (10)	10/10	17.0 (10)	98	10/10	17.9 (10)	103	10/10	17.0 (10)	98	10/10	17.0 (10)	98	10/10	17.0 (10)	98	10/10
5-7	17.5 (10)	10/10	17.1 (10)	98	10/10	18.2 (10)	104	10/10	17.1 (10)	98	10/10	16.9 (10)	97	10/10	16.7 (10)	95	10/10
6-7	17.5 (10)	10/10	17.3 (10)	99	10/10	18.2 (10)	104	10/10	16.8 (10)	96	10/10	16.6 (10)	95	10/10	15.8 (10)	90	10/10
7-7	17.2 (10)	10/10	16.7 (10)	97	10/10	17.6 (10)	102	10/10	16.9 (10)	98	10/10	16.6 (10)	97	10/10	15.8 (10)	92	10/10
8-7	17.5 (10)	10/10	16.4 (10)	94	10/10	17.3 (10)	99	10/10	16.6 (10)	95	10/10	15.9 (10)	91	10/10	15.0 (10)	86	10/10
9-7	17.3 (10)	10/10	16.2 (10)	94	10/10	17.1 (10)	99	10/10	16.2 (10)	94	10/10	16.2 (10)	94	10/10	15.0 (10)	87	10/10
10-7	17.5 (10)	10/10	16.4 (10)	94	10/10	16.8 (10)	96	10/10	16.4 (10)	94	10/10	16.0 (10)	91	10/10	14.8 (10)	85	10/10
11-7	17.2 (10)	10/10	16.1 (10)	94	10/10	16.8 (10)	98	10/10	16.4 (10)	95	10/10	15.9 (10)	92	10/10	15.0 (10)	87	10/10
12-7	16.8 (10)	10/10	15.8 (10)	94	10/10	16.4 (10)	98	10/10	16.0 (10)	95	10/10	15.2 (10)	90	10/10	14.8 (10)	88	10/10
13-7	16.7 (10)	10/10	15.8 (10)	95	10/10	16.6 (10)	99	10/10	15.9 (10)	95	10/10	15.6 (10)	93	10/10	15.2 (10)	91	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. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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>	25ppm Av. FC.	25ppm % of cont. <10>	25ppm No. of Surviv.	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.
1-7	11.3 (10)	10/10	11.1 (10)	98	10/10	11.6 (10)	103	10/10	10.9 (10)	96	10/10	10.7 (10)	95	10/10	10.4 (10)	92	10/10
2-7	12.1 (10)	10/10	11.6 (10)	96	10/10	12.0 (10)	99	10/10	11.2 (10)	93	10/10	11.3 (10)	93	10/10	11.0 (10)	91	10/10
3-7	12.1 (10)	10/10	11.5 (10)	95	10/10	11.8 (10)	98	10/10	11.6 (10)	96	10/10	11.7 (10)	97	10/10	11.0 (10)	91	10/10
4-7	12.1 (10)	10/10	11.3 (10)	93	10/10	11.6 (10)	96	10/10	11.3 (10)	93	10/10	11.6 (10)	96	10/10	11.1 (10)	92	10/10
5-7	12.2 (10)	10/10	11.5 (10)	94	10/10	11.7 (10)	96	10/10	11.2 (10)	92	10/10	11.5 (10)	94	10/10	10.8 (10)	89	10/10
6-7	11.5 (10)	10/10	11.5 (10)	100	10/10	11.2 (10)	97	10/10	11.0 (10)	96	10/10	11.2 (10)	97	10/10	10.3 (10)	90	10/10
7-7	11.9 (10)	10/10	11.4 (10)	96	10/10	11.2 (10)	94	10/10	10.9 (10)	92	10/10	11.3 (10)	95	10/10	10.4 (10)	87	10/10
8-7	11.5 (10)	10/10	11.4 (10)	99	10/10	11.0 (10)	96	10/10	10.7 (10)	93	10/10	10.6 (10)	92	10/10	9.8 (10)	85	10/10
9-7	11.3 (10)	10/10	10.6 (10)	94	10/10	10.8 (10)	96	10/10	10.4 (10)	92	10/10	10.2 (10)	90	10/10	9.8 (10)	87	10/10
10-7	11.6 (10)	10/10	10.8 (10)	93	10/10	10.9 (10)	94	10/10	10.3 (10)	89	10/10	10.2 (10)	88	10/10	9.5 (10)	82	10/10
11-7	11.5 (10)	10/10	10.7 (10)	93	10/10	11.1 (10)	97	10/10	10.6 (10)	92	10/10	10.5 (10)	91	10/10	10.0 (10)	87	10/10
12-7	11.6 (10)	10/10	10.8 (10)	93	10/10	10.7 (10)	92	10/10	10.5 (10)	91	10/10	10.2 (10)	88	10/10	9.4 (10)	81	10/10
13-7	11.4 (10)	10/10	10.8 (10)	95	10/10	10.6 (10)	93	10/10	10.2 (10)	89	10/10	10.4 (10)	91	10/10	9.8 (10)	86	10/10

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

TABLE E3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	15.2± 0.6	17.3± 0.8	17.9± 0.9	17.4± 0.6	17.5± 0.7	17.5± 1.0	17.2± 0.7
25ppm	15.1± 0.8	16.5± 0.9	17.2± 1.1	17.0± 1.0	17.1± 0.7	17.3± 0.8	16.7± 0.9
50ppm	15.7± 0.9	17.1± 1.0	18.1± 1.1	17.9± 0.8	18.2± 0.7	18.2± 1.2	17.6± 1.0
100ppm	14.7± 0.7	16.9± 1.5	17.6± 1.8	17.0± 0.8	17.1± 0.9	16.8± 0.9	16.9± 0.8
200ppm	14.6± 0.6	16.5± 1.0	17.3± 0.9	17.0± 0.9	16.9± 0.9	16.6± 0.7	16.6± 1.0
400ppm	14.1± 1.2*	15.5± 1.4**	16.7± 1.3	17.0± 1.4	16.7± 0.5	15.8± 0.7**	15.8± 1.1**

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	17.5± 0.8	17.3± 1.1	17.5± 1.0	17.2± 1.0	16.8± 1.0	16.7± 0.9
25ppm	16.4± 0.7*	16.2± 0.5*	16.4± 0.7*	16.1± 0.6	15.8± 0.6	15.8± 1.0
50ppm	17.3± 0.9	17.1± 0.9	16.8± 0.9	16.8± 1.1	16.4± 1.3	16.6± 1.2
100ppm	16.6± 0.8	16.2± 0.7*	16.4± 0.8*	16.4± 0.7	16.0± 0.5	15.9± 0.5
200ppm	15.9± 1.0**	16.2± 0.7*	16.0± 0.7**	15.9± 0.8**	15.2± 0.7**	15.6± 0.7*
400ppm	15.0± 0.8**	15.0± 0.8**	14.8± 0.7**	15.0± 1.2**	14.8± 1.1**	15.2± 1.0**

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

TABLE E4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	11.3± 0.6	12.1± 0.8	12.1± 0.6	12.1± 0.6	12.2± 1.1	11.5± 0.7	11.9± 1.1
25ppm	11.1± 0.6	11.6± 0.8	11.5± 1.0	11.3± 1.0	11.5± 1.0	11.5± 1.1	11.4± 1.0
50ppm	11.6± 0.4	12.0± 0.6	11.8± 0.8	11.6± 0.6	11.7± 0.6	11.2± 0.7	11.2± 0.6
100ppm	10.9± 0.7	11.2± 0.8*	11.6± 0.9	11.3± 0.8	11.2± 0.8*	11.0± 0.4	10.9± 0.7
200ppm	10.7± 0.6	11.3± 0.6*	11.7± 0.7	11.6± 0.7	11.5± 0.8	11.2± 0.4	11.3± 1.0
400ppm	10.4± 0.6**	11.0± 0.8**	11.0± 0.7	11.1± 0.8	10.8± 0.8**	10.3± 0.7**	10.4± 0.8**

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	11.5± 0.9	11.3± 0.9	11.6± 0.8	11.5± 0.5	11.6± 1.1	11.4± 0.6
25ppm	11.4± 1.4	10.6± 1.1	10.8± 0.8*	10.7± 0.7*	10.8± 1.2	10.8± 0.8
50ppm	11.0± 0.7	10.8± 0.6	10.9± 0.7	11.1± 0.5	10.7± 0.8	10.6± 0.9*
100ppm	10.7± 0.4	10.4± 0.5	10.3± 0.6**	10.6± 0.5*	10.5± 0.7	10.2± 0.5**
200ppm	10.6± 0.9	10.2± 0.5*	10.2± 0.7**	10.5± 0.6**	10.2± 0.6**	10.4± 0.5**
400ppm	9.8± 0.8**	9.8± 0.5**	9.5± 0.5**	10.0± 0.7**	9.4± 0.4**	9.8± 0.6**

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

TABLE F1

HEMATOLOGY : MALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	9.46± 0.15	15.4± 0.3	44.7± 0.7	47.2± 0.3	16.3± 0.1	34.5± 0.3	784± 63
25ppm	10	9.49± 0.23	15.6± 0.4	45.0± 1.0	47.4± 0.3	16.4± 0.1	34.6± 0.3	773± 54
50ppm	10	9.54± 0.10	15.5± 0.2	44.9± 0.6	47.0± 0.5	16.2± 0.2	34.5± 0.4	766± 56
100ppm	10	9.51± 0.21	15.6± 0.3	45.2± 1.0	47.5± 0.5	16.4± 0.2	34.4± 0.3	784± 61
200ppm	10	9.54± 0.26	15.5± 0.4	45.2± 1.0	47.4± 0.6	16.2± 0.1	34.2± 0.5	811± 81
400ppm	10	9.42± 0.26	15.3± 0.4	45.1± 0.6	47.9± 0.8	16.2± 0.1	33.9± 0.5**	860± 57*

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	RETICULOCYTE %	PROTHROMBIN TIME sec	APTT sec
Control	10	1.7± 0.1	14.8± 0.9	22.1± 1.1
25ppm	10	1.8± 0.2	15.2± 1.6	22.1± 0.9
50ppm	10	1.9± 0.1*	15.3± 1.8	22.0± 1.9
100ppm	10	1.8± 0.1	14.6± 0.9	22.0± 0.7
200ppm	10	1.9± 0.1	15.0± 1.7	21.5± 1.7
400ppm	10	2.1± 0.2**	14.8± 1.3	20.3± 1.4*

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	6.19±	1.81	25±	3	71±	4	2±	1	2±	1	0±	0	1±	0
25ppm	10	5.90±	1.56	26±	7	69±	7	3±	1	1±	0	0±	0	1±	0
50ppm	10	6.40±	1.32	25±	7	70±	7	3±	1	1±	0	0±	0	1±	0
100ppm	10	6.45±	1.72	27±	6	69±	6	2±	1	1±	0	0±	0	1±	0
200ppm	10	5.60±	1.65	24±	3	72±	3	2±	0	1±	1	0±	0	1±	0
400ppm	10	5.72±	1.44	25±	5	71±	5	2±	0	2±	1	0±	0	0±	1

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

TABLE F2

HEMATOLOGY : FEMALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	8.91± 0.19	15.9± 0.3	44.4± 0.9	49.9± 0.4	17.8± 0.2	35.7± 0.3	887± 52
25ppm	10	8.92± 0.19	15.9± 0.3	44.4± 1.0	49.8± 0.4	17.8± 0.2	35.9± 0.5	848± 46
50ppm	10	8.90± 0.16	15.8± 0.2	44.2± 0.6	49.7± 0.4	17.8± 0.2	35.8± 0.4	876± 63
100ppm	10	8.93± 0.16	15.8± 0.3	44.4± 0.8	49.7± 0.6	17.7± 0.2	35.6± 0.4	881± 20
200ppm	10	8.95± 0.27	15.5± 0.5	44.5± 1.3	49.8± 0.7	17.3± 0.2**	34.9± 0.8**	912± 84
400ppm	10	8.90± 0.23	15.4± 0.3*	44.3± 0.7	49.8± 0.8	17.4± 0.1**	34.8± 0.5**	924± 108

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	RETICULOCYTE %	PROTHROMBIN TIME sec	APTT sec
Control	10	1.8± 0.3	13.5± 0.6	16.0± 0.8
25ppm	10	1.8± 0.2	13.4± 0.5	16.3± 0.7
50ppm	10	1.8± 0.2	13.5± 0.3	16.3± 0.9
100ppm	10	1.8± 0.2	13.4± 0.5	16.1± 0.5
200ppm	10	1.9± 0.2	13.7± 0.4	16.1± 0.5
400ppm	10	2.1± 0.4	13.7± 0.6	15.6± 1.2

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	4.69±	1.58	24±	5	72±	5	3±	1	2±	1	0±	0	1±	0
25ppm	10	4.64±	1.58	27±	4	68±	4	2±	0	1±	1	0±	0	1±	0
50ppm	10	4.25±	1.03	27±	6	68±	7	2±	1	2±	1	0±	0	1±	0
100ppm	10	4.30±	1.31	26±	5	69±	5	3±	0	2±	0	0±	0	1±	0
200ppm	10	4.24±	1.05	23±	3	72±	3	3±	1	2±	1	0±	0	1±	0
400ppm	10	4.22±	1.48	20±	6	75±	6	2±	1	2±	1	0±	0	1±	1

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

TABLE G1

BIOCHEMISTRY : MALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	6.5± 0.2	3.4± 0.1	1.1± 0.0	0.09± 0.01	182± 12	66± 4	61± 18
25ppm	10	6.6± 0.1	3.5± 0.1	1.1± 0.1	0.09± 0.01	184± 10	61± 5	43± 10*
50ppm	10	6.6± 0.2	3.5± 0.1	1.1± 0.0	0.09± 0.01	187± 12	64± 6	55± 9
100ppm	10	6.5± 0.2	3.5± 0.1	1.2± 0.1	0.09± 0.01	185± 5	62± 5	56± 17
200ppm	10	6.5± 0.1	3.5± 0.1	1.2± 0.1	0.09± 0.01	184± 8	60± 3*	51± 16
400ppm	10	6.4± 0.2	3.5± 0.1	1.2± 0.1**	0.09± 0.01	185± 7	55± 6**	45± 7*

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	114± 7	106± 35	58± 15	134± 26	367± 32	1± 1	111± 16
25ppm	10	109± 9	99± 22	51± 8	123± 33	374± 30	1± 0	106± 18
50ppm	10	114± 7	109± 32	57± 11	134± 38	359± 42	1± 0	105± 12
100ppm	10	112± 7	109± 28	55± 10	124± 28	358± 24	1± 0	104± 9
200ppm	10	110± 7	106± 48	53± 18	134± 71	351± 32	1± 0	108± 18
400ppm	10	107± 8	79± 18	41± 7**	103± 40	348± 21	1± 0	105± 15

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	UREA NITROGEN mg/dl	CREATININE mg/dl	SODIUM mEq/ℓ	POTASSIUM mEq/ℓ	CHLORIDE mEq/ℓ	CALCIUM mg/dl	INORGANIC PHOSPHORUS mg/dl
Control	10	20.0± 1.4	0.5± 0.0	142± 1	3.6± 0.3	105± 1	10.3± 0.1	6.1± 0.7
25ppm	10	18.7± 0.9	0.6± 0.1	142± 1	3.5± 0.2	105± 2	10.2± 0.2	5.8± 1.0
50ppm	10	19.5± 1.7	0.5± 0.0	142± 1	3.5± 0.3	104± 2	10.3± 0.2	6.2± 0.7
100ppm	10	19.5± 1.1	0.5± 0.0	142± 1	3.5± 0.2	105± 1	10.1± 0.2	5.9± 1.1
200ppm	10	19.2± 1.5	0.5± 0.1	142± 1	3.6± 0.2	105± 2	10.1± 0.2	5.8± 0.9
400ppm	10	19.3± 1.3	0.5± 0.1	142± 1	3.7± 0.2	105± 2	10.1± 0.1	6.0± 1.0

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

TABLE G2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	6.4± 0.1	3.5± 0.1	1.2± 0.1	0.10± 0.01	141± 10	79± 10	16± 6
25ppm	10	6.4± 0.2	3.4± 0.1	1.2± 0.1	0.10± 0.01	145± 6	76± 5	12± 3
50ppm	10	6.3± 0.2	3.4± 0.1	1.2± 0.1	0.10± 0.01	140± 14	73± 7	12± 2
100ppm	10	6.4± 0.1	3.4± 0.1	1.2± 0.1	0.10± 0.01	141± 16	76± 6	13± 4
200ppm	10	6.2± 0.2**	3.4± 0.1	1.2± 0.1	0.10± 0.01	139± 14	71± 5*	14± 3
400ppm	10	6.0± 0.2**	3.4± 0.1	1.3± 0.1**	0.10± 0.01	138± 12	68± 4**	12± 3

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	145± 15	80± 13	45± 14	99± 29	292± 22	2± 1	108± 14
25ppm	10	142± 9	83± 12	48± 15	99± 25	302± 24	2± 1	105± 9
50ppm	10	135± 13	76± 7	39± 6	129± 23	294± 25	1± 0	119± 16
100ppm	10	139± 8	73± 6	38± 7	132± 33	290± 29	1± 1	127± 21
200ppm	10	133± 9	71± 7	37± 9	118± 35	297± 20	2± 0	125± 22
400ppm	10	131± 6*	71± 2	33± 2**	127± 32	305± 25	2± 1	137± 40

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (14W)

Group Name	NO. of Animals	UREA NITROGEN mg／dℓ	CREATININE mg／dℓ	SODIUM mEq／ℓ	POTASSIUM mEq／ℓ	CHLORIDE mEq／ℓ	CALCIUM mg／dℓ	INORGANIC PHOSPHORUS mg／dℓ
Control	10	20.1± 1.6	0.6± 0.1	141± 1	3.6± 0.3	105± 2	10.0± 0.2	5.4± 1.2
25ppm	10	21.0± 1.0	0.6± 0.0	141± 1	3.7± 0.4	106± 1	9.9± 0.2	5.3± 1.2
50ppm	10	20.2± 2.2	0.6± 0.1	141± 1	3.7± 0.4	106± 1	9.9± 0.2	5.6± 1.3
100ppm	10	19.8± 1.4	0.6± 0.1	142± 1	3.6± 0.2	106± 2	9.9± 0.2	5.5± 1.3
200ppm	10	19.2± 1.7	0.6± 0.1	141± 1	3.7± 0.3	106± 1	10.0± 0.2	5.8± 1.4
400ppm	10	20.0± 1.6	0.5± 0.1	142± 1	3.7± 0.3	107± 2**	9.8± 0.2	5.5± 1.3

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

TABLE H1

URINALYSIS : MALE

STUDY NO. : 0743 URINALYSIS
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	Bilirubin −	+	2+	3+	CHI
Control	10	0	0	0	0	1	9	0		0	5	5	0	0	0		10	0	0	0	0	0		9	1	0	0	0	0		10	0	0	0	
25ppm	10	0	0	0	0	3	6	1		0	7	3	0	0	0		10	0	0	0	0	0		8	2	0	0	0	0		10	0	0	0	
50ppm	10	0	0	0	0	7	2	1	**	0	8	2	0	0	0		10	0	0	0	0	0		10	0	0	0	0	0		10	0	0	0	
100ppm	10	0	0	0	1	3	4	2		0	7	3	0	0	0		10	0	0	0	0	0		9	1	0	0	0	0		10	0	0	0	
200ppm	10	0	0	0	0	5	5	0		0	9	1	0	0	0		10	0	0	0	0	0		10	0	0	0	0	0		10	0	0	0	
400ppm	10	0	0	0	0	0	10	0		0	6	4	0	0	0		10	0	0	0	0	0		10	0	0	0	0	0		10	0	0	0	

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

(HCL101)

STUDY NO. : 0743 URINALYSIS
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

Group Name	NO. of Animals	Occult blood −	±	+	2+	3+	CHI	Urobilinogen ±	+	2+	3+	4+	CHI
Control	10	10	0	0	0	0		10	0	0	0	0	
25ppm	10	10	0	0	0	0		10	0	0	0	0	
50ppm	10	9	0	0	0	1		10	0	0	0	0	
100ppm	10	10	0	0	0	0		10	0	0	0	0	
200ppm	10	10	0	0	0	0		10	0	0	0	0	
400ppm	10	10	0	0	0	0		10	0	0	0	0	

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

TABLE H2

URINALYSIS : FEMALE

STUDY NO. : 0743 URINALYSIS
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE 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	Bilirubin −	+	2+	3+	CHI
Control	10	0	0	0	0	1	2	7		7	3	0	0	0	0		10	0	0	0	0	0		10	0	0	0	0	0		10	0	0	0	
25ppm	10	0	0	0	0	3	1	6		6	3	1	0	0	0		10	0	0	0	0	0		10	0	0	0	0	0		10	0	0	0	
50ppm	10	0	0	0	0	0	2	8		5	4	1	0	0	0		10	0	0	0	0	0		10	0	0	0	0	0		10	0	0	0	
100ppm	10	0	0	0	2	3	2	3		6	4	0	0	0	0		10	0	0	0	0	0		10	0	0	0	0	0		10	0	0	0	
200ppm	10	0	0	0	1	1	4	4		4	6	0	0	0	0		10	0	0	0	0	0		10	0	0	0	0	0		10	0	0	0	
400ppm	10	0	0	0	0	1	2	7		5	5	0	0	0	0		10	0	0	0	0	0		10	0	0	0	0	0		10	0	0	0	

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

STUDY NO. : 0743 URINALYSIS
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

Group Name	NO. of Animals	Occult blood −	±	+	2+	3+	CHI	Urobilinogen ±	+	2+	3+	4+	CHI
Control	10	10	0	0	0	0		10	0	0	0	0	
25ppm	10	10	0	0	0	0		10	0	0	0	0	
50ppm	10	10	0	0	0	0		10	0	0	0	0	
100ppm	10	10	0	0	0	0		10	0	0	0	0	
200ppm	10	10	0	0	0	0		10	0	0	0	0	
400ppm	10	10	0	0	0	0		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. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE

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

Organ	Findings	Group Name / NO. of Animals	Control 10	(%)	25ppm 10	(%)	50ppm 10	(%)	100ppm 10	(%)
liver	herniation		2	(20)	1	(10)	0	(0)	0	(0)

Organ	Findings	Group Name	200ppm		400ppm	
		NO. of Animals	10	(%)	10	(%)
liver	herniation		2	(20)	0	(0)

TABLE I 2

GROSS FINDINGS : FEMALE

Organ	Findings	Group Name / NO. of Animals	Control 10	(%)	25ppm 10	(%)	50ppm 10	(%)	100ppm 10	(%)
liver	herniation		1	(10)	1	(10)	0	(0)	2	(20)
eye	white		0	(0)	0	(0)	0	(0)	0	(0)

Organ	Findings	Group Name	200ppm		400ppm	
		NO. of Animals	10	(%)	10	(%)
liver	herniation		1	(10)	1	(10)
eye	white		0	(0)	1	(10)

TABLE J1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	302± 8	0.248± 0.037	0.054± 0.008	3.177± 0.163	0.963± 0.038	0.957± 0.035
25ppm	10	294± 10	0.239± 0.031	0.050± 0.004	3.149± 0.072	0.932± 0.021	0.912± 0.033*
50ppm	10	307± 17	0.227± 0.021	0.050± 0.005	3.191± 0.089	0.973± 0.029	0.935± 0.048
100ppm	10	294± 9	0.237± 0.033	0.049± 0.004	3.156± 0.105	0.930± 0.056	0.902± 0.028**
200ppm	10	280± 10**	0.200± 0.020**	0.050± 0.004	3.119± 0.129	0.907± 0.029**	0.889± 0.020**
400ppm	10	264± 11**	0.189± 0.020**	0.049± 0.009	2.996± 0.090**	0.921± 0.053	0.871± 0.040**

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	1.826± 0.044	0.565± 0.038	7.369± 0.337	1.927± 0.027
25ppm	10	1.765± 0.069	0.545± 0.030	7.017± 0.309	1.904± 0.039
50ppm	10	1.842± 0.087	0.569± 0.038	7.484± 0.590	1.912± 0.047
100ppm	10	1.797± 0.066	0.545± 0.026	7.072± 0.309	1.895± 0.035
200ppm	10	1.742± 0.040*	0.514± 0.015**	6.685± 0.295**	1.891± 0.027
400ppm	10	1.667± 0.091**	0.494± 0.033**	6.280± 0.324**	1.852± 0.036**

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

TABLE J2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	170± 8	0.190± 0.018	0.054± 0.005	0.091± 0.009	0.627± 0.025	0.679± 0.031
25ppm	10	165± 10	0.177± 0.019	0.051± 0.003	0.095± 0.012	0.609± 0.050	0.657± 0.033
50ppm	10	165± 7	0.188± 0.017	0.054± 0.004	0.095± 0.007	0.606± 0.030	0.669± 0.022
100ppm	10	159± 6**	0.171± 0.017	0.054± 0.007	0.091± 0.010	0.624± 0.048	0.655± 0.046
200ppm	10	155± 7**	0.167± 0.018*	0.052± 0.003	0.089± 0.012	0.606± 0.029	0.644± 0.034
400ppm	10	140± 5**	0.147± 0.017**	0.046± 0.005**	0.084± 0.007	0.597± 0.031	0.630± 0.041*

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	1.125± 0.042	0.378± 0.020	3.968± 0.242	1.768± 0.044
25ppm	10	1.076± 0.053	0.362± 0.023	3.766± 0.339	1.741± 0.028
50ppm	10	1.090± 0.036	0.369± 0.023	3.780± 0.215	1.741± 0.031
100ppm	10	1.084± 0.056	0.353± 0.015*	3.701± 0.163	1.741± 0.035
200ppm	10	1.067± 0.046*	0.343± 0.017**	3.597± 0.227**	1.703± 0.040**
400ppm	10	1.036± 0.038**	0.298± 0.020**	3.326± 0.106**	1.684± 0.038**

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

TABLE K1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	302± 8	0.082± 0.011	0.018± 0.003	1.052± 0.059	0.319± 0.017	0.317± 0.014
25ppm	10	294± 10	0.081± 0.009	0.017± 0.002	1.073± 0.049	0.318± 0.009	0.311± 0.008
50ppm	10	307± 17	0.074± 0.007	0.016± 0.002	1.043± 0.048	0.318± 0.011	0.305± 0.011
100ppm	10	294± 9	0.081± 0.011	0.017± 0.001	1.075± 0.031	0.317± 0.017	0.307± 0.008
200ppm	10	280± 10**	0.072± 0.006	0.018± 0.002	1.117± 0.063*	0.325± 0.012	0.319± 0.013
400ppm	10	264± 11**	0.072± 0.009	0.019± 0.003	1.135± 0.049**	0.349± 0.013**	0.330± 0.013

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE
UNIT: %

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

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	10	0.605± 0.020	0.187± 0.011	2.439± 0.071	0.638± 0.018
25ppm	10	0.601± 0.019	0.186± 0.007	2.389± 0.054	0.649± 0.026
50ppm	10	0.601± 0.020	0.185± 0.006	2.437± 0.077	0.625± 0.029
100ppm	10	0.612± 0.019	0.186± 0.006	2.408± 0.066	0.646± 0.021
200ppm	10	0.624± 0.019	0.184± 0.007	2.392± 0.050	0.677± 0.029**
400ppm	10	0.631± 0.018*	0.187± 0.008	2.377± 0.062	0.702± 0.025**

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

TABLE K2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
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	170± 8	0.112± 0.006	0.032± 0.003	0.054± 0.005	0.370± 0.019	0.400± 0.016
25ppm	10	165± 10	0.108± 0.014	0.031± 0.002	0.058± 0.007	0.370± 0.024	0.399± 0.013
50ppm	10	165± 7	0.114± 0.009	0.033± 0.002	0.058± 0.005	0.368± 0.014	0.406± 0.017
100ppm	10	159± 6**	0.108± 0.011	0.034± 0.004	0.057± 0.006	0.392± 0.019*	0.413± 0.025
200ppm	10	155± 7**	0.108± 0.012	0.033± 0.003	0.058± 0.009	0.393± 0.017*	0.416± 0.016
400ppm	10	140± 5**	0.105± 0.011	0.033± 0.003	0.060± 0.004	0.426± 0.018**	0.450± 0.021**

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

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

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

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	10	0.663± 0.024	0.223± 0.009	2.337± 0.098	1.043± 0.049
25ppm	10	0.653± 0.020	0.220± 0.005	2.283± 0.092	1.059± 0.051
50ppm	10	0.662± 0.015	0.224± 0.010	2.294± 0.105	1.058± 0.043
100ppm	10	0.683± 0.025	0.223± 0.010	2.333± 0.076	1.099± 0.042*
200ppm	10	0.691± 0.024*	0.222± 0.006	2.326± 0.086	1.103± 0.047*
400ppm	10	0.740± 0.021**	0.213± 0.012	2.374± 0.056	1.203± 0.047**

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

TABLE L1

HISTOPATHOLOGICAL FINDINGS :

NON-NEOPLASTIC LESIONS : MALE

STUDY NO. : 0743
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE

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

Organ	Findings	Group Name	Control				25ppm				50ppm				100ppm			
		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>			
	squamous cell metaplasia:olfactory epithelium		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)
	atrophy:olfactory epithelium		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	necrosis:olfactory epithelium		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>			
	herniation		2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(20)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Urinary system}																		
kidney			<10>				<10>				<10>				<10>			
	regeneration:proximal tubule		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)	(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	200ppm				400ppm			
		No. of Animals on Study	10				10			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}										
nasal cavit			<10>				<10>			
	squamous cell metaplasia:olfactory epithelium		0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	atrophy:olfactory epithelium		4	0	0	0	6	0	0	0 *
			(40)	(0)	(0)	(0)	(60)	(0)	(0)	(0)
	necrosis:olfactory epithelium		0	0	0	0	2	0	0	0
			(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)
{Digestive system}										
liver			<10>				<10>			
	herniation		2	0	0	0	0	0	0	0
			(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Urinary system}										
kidney			<10>				<10>			
	regeneration:proximal tubule		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				25ppm				50ppm				100ppm			
		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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}																		
pituitary			<10>				<10>				<10>				<10>			
	Rathke pouch		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)

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	200ppm				400ppm			
		No. of Animals on Study	10				10			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}										
pituitary			<10>				<10>			
	Rathke pouch		0	0	0	0	2	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

TABLE L2

HISTOPATHOLOGICAL FINDINGS :

NON-NEOPLASTIC LESIONS : FEMALE

Organ	Findings	Group Name / No. of Animals on Study / Grade	Control				25ppm				50ppm				100ppm			
			10				10				10				10			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
{Respiratory system}																		
nasal cavit			<10>				<10>				<10>				<10>			
	atrophy:olfactory epithelium		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	necrosis:olfactory epithelium		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)
lung			<10>				<10>				<10>				<10>			
	granulomatous inflammation		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (10)	0 (0)	0 (0)	0 (0)
{Hematopoietic system}																		
bone marrow			<10>				<10>				<10>				<10>			
	granulation		3 (30)	0 (0)	0 (0)	0 (0)	1 (10)	0 (0)	0 (0)	0 (0)	4 (40)	1 (10)	0 (0)	0 (0)	2 (20)	0 (0)	0 (0)	0 (0)
{Digestive system}																		
liver			<10>				<10>				<10>				<10>			
	herniation		1 (10)	0 (0)	0 (0)	0 (0)	1 (10)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (20)	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	200ppm				400ppm			
		No. of Animals on Study	10				10			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}										
nasal cavit			<10>				<10>			
	atrophy:olfactory epithelium		2	0	0	0	6	0	0	0 *
			(20)	(0)	(0)	(0)	(60)	(0)	(0)	(0)
	necrosis:olfactory epithelium		0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
lung			<10>				<10>			
	granulomatous inflammation		0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Hematopoietic system}										
bone marrow			<10>				<10>			
	granulation		4	0	0	0	1	0	0	0
			(40)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
{Digestive system}										
liver			<10>				<10>			
	herniation		1	0	0	0	1	0	0	0
			(10)	(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	Control				25ppm				50ppm				100ppm			
		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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Special sense organs/appendage}																		
eye			<10>				<10>				<10>				<10>			
	cataract		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)
Harder gl			<10>				<10>				<10>				<10>			
	lymphocytic infiltration		1	0	0	0	3	0	0	0	3	1	0	0	2	1	0	0
			(10)	(0)	(0)	(0)	(30)	(0)	(0)	(0)	(30)	(10)	(0)	(0)	(20)	(10)	(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	200ppm				400ppm			
		No. of Animals on Study	10				10			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Special sense organs/appendage}										
eye			<10>				<10>			
	cataract		0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
Harder gl			<10>				<10>			
	lymphocytic infiltration		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
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