4-クロロ-2-ニトロアニリンのラットを用いた
経口投与による２週間毒性試験（混餌試験）報告書

試験番号：0737

TABLES

TABLES

TABLES (CONTINUED)

TABLE A 1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1 2
SEX : MALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Days) 0-0	1-1	1-2	1-3	1-4	1-5	1-6	1-7	2-1	2-2	2-3	2-4	2-5	2-6
Control	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		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	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		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	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		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	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		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	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		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	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		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(%)

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1 2
SEX : MALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Days) 2-7
Control	5	5/ 5 100.0
1250 ppm	5	5/ 5 100.0
2500 ppm	5	5/ 5 100.0
5000 ppm	5	5/ 5 100.0
10000 ppm	5	5/ 5 100.0
20000 ppm	5	5/ 5 100.0

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

TABLE A 2

SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1 2
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Days) 0-0	1-1	1-2	1-3	1-4	1-5	1-6	1-7	2-1	2-2	2-3	2-4	2-5	2-6
Control	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		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	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		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	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		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	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		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	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		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	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5
		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(%)

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1 2
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Days) 2-7
Control	5	5/ 5 100.0
1250 ppm	5	5/ 5 100.0
2500 ppm	5	5/ 5 100.0
5000 ppm	5	5/ 5 100.0
10000 ppm	5	5/ 5 100.0
20000 ppm	5	5/ 5 100.0

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

TABLE B 1

CLINICAL OBSERVATION : MALE

Clinical sign	Group Name	Administration Week-day 1-4	1-7	2-4	2-7
COLORED	Control	0	0	0	0
	1250 ppm	0	0	0	0
	2500 ppm	0	0	0	0
	5000 ppm	0	0	0	0
	10000 ppm	5	5	5	5
	20000 ppm	5	5	5	5
PILOERECTION	Control	0	0	0	0
	1250 ppm	0	0	0	0
	2500 ppm	0	0	0	0
	5000 ppm	0	0	0	0
	10000 ppm	0	0	0	0
	20000 ppm	5	5	0	0
YELLOW URINE	Control	0	0	0	0
	1250 ppm	5	5	5	5
	2500 ppm	5	5	5	5
	5000 ppm	5	5	5	5
	10000 ppm	5	5	5	5
	20000 ppm	5	5	5	5
OLIGO-STOOL	Control	0	0	0	0
	1250 ppm	0	0	0	0
	2500 ppm	0	0	0	0
	5000 ppm	0	0	0	0
	10000 ppm	0	0	0	0
	20000 ppm	5	5	0	0
NON REMARKABLE	Control	5	5	5	5
	1250 ppm	0	0	0	0
	2500 ppm	0	0	0	0
	5000 ppm	0	0	0	0
	10000 ppm	0	0	0	0
	20000 ppm	0	0	0	0

TABLE B 2

CLINICAL OBSERVATION : FEMALE

Clinical sign	Group Name	Administration Week-day 1-4	1-7	2-4	2-7
COLORED	Control	0	0	0	0
	1250 ppm	0	0	0	0
	2500 ppm	0	0	0	0
	5000 ppm	0	0	0	0
	10000 ppm	5	5	5	5
	20000 ppm	5	5	5	5
PILOERECTION	Control	0	0	0	0
	1250 ppm	0	0	0	0
	2500 ppm	0	0	0	0
	5000 ppm	0	0	0	0
	10000 ppm	0	0	0	0
	20000 ppm	5	5	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0
	1250 ppm	0	0	0	0
	2500 ppm	0	0	0	0
	5000 ppm	0	0	0	0
	10000 ppm	0	0	0	0
	20000 ppm	1	1	1	1
YELLOW URINE	Control	0	0	0	0
	1250 ppm	5	5	5	5
	2500 ppm	5	5	5	5
	5000 ppm	5	5	5	5
	10000 ppm	5	5	5	5
	20000 ppm	5	5	5	5
OLIGO-STOOL	Control	0	0	0	0
	1250 ppm	0	0	0	0
	2500 ppm	0	0	0	0
	5000 ppm	0	0	0	0
	10000 ppm	2	0	0	0
	20000 ppm	5	5	4	5
NON REMARKABLE	Control	5	5	5	5
	1250 ppm	0	0	0	0
	2500 ppm	0	0	0	0
	5000 ppm	0	0	0	0
	10000 ppm	0	0	0	0
	20000 ppm	0	0	0	0

TABLE C 1

BODY WEIGHT CHANGES

AND SURVIVAL ANIMAL NUMBERS

: MALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : MALE

MEAN BODY WEIGHTS AND SURVIVAL

Week-Day on Study	Control Av. Wt.	Control No. of Surviv. <5>	1250 ppm Av. Wt.	1250 ppm % of cont. <5>	1250 ppm No. of Surviv.	2500 ppm Av. Wt.	2500 ppm % of cont. <5>	2500 ppm No. of Surviv.	5000 ppm Av. Wt.	5000 ppm % of cont. <5>	5000 ppm No. of Surviv.	10000 ppm Av. Wt.	10000 ppm % of cont. <5>	10000 ppm No. of Surviv.	20000 ppm Av. Wt.	20000 ppm % of cont. <5>	20000 ppm No. of Surviv.
0-0	124 (5)	5/ 5	124 (5)	100	5/ 5	124 (5)	100	5/ 5	123 (5)	99	5/ 5	124 (5)	100	5/ 5	124 (5)	100	5/ 5
1-4	139 (5)	5/ 5	140 (5)	101	5/ 5	139 (5)	100	5/ 5	136 (5)	98	5/ 5	127 (5)	91	5/ 5	113 (5)	81	5/ 5
1-7	152 (5)	5/ 5	153 (5)	101	5/ 5	152 (5)	100	5/ 5	147 (5)	97	5/ 5	137 (5)	90	5/ 5	120 (5)	79	5/ 5
2-4	170 (5)	5/ 5	171 (5)	101	5/ 5	170 (5)	100	5/ 5	165 (5)	97	5/ 5	152 (5)	89	5/ 5	129 (5)	76	5/ 5
2-7	184 (5)	5/ 5	185 (5)	101	5/ 5	182 (5)	99	5/ 5	179 (5)	97	5/ 5	164 (5)	89	5/ 5	139 (5)	76	5/ 5

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

TABLE C 2

BODY WEIGHT CHANGES

AND SURVIVAL ANIMAL NUMBERS

: FEMALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

Week-Day on Study	Control Av. Wt.	Control No. of Surviv. < 5>	1250 ppm Av. Wt.	1250 ppm % of cont. < 5>	1250 ppm No. of Surviv.	2500 ppm Av. Wt.	2500 ppm % of cont. < 5>	2500 ppm No. of Surviv.	5000 ppm Av. Wt.	5000 ppm % of cont. < 5>	5000 ppm No. of Surviv.	10000 ppm Av. Wt.	10000 ppm % of cont. < 5>	10000 ppm No. of Surviv.	20000 ppm Av. Wt.	20000 ppm % of cont. < 5>	20000 ppm No. of Surviv.
0-0	98 (5)	5/ 5	98 (5)	100	5/ 5	98 (5)	100	5/ 5	98 (5)	100	5/ 5	98 (5)	100	5/ 5	98 (5)	100	5/ 5
1-4	106 (5)	5/ 5	106 (5)	100	5/ 5	107 (5)	101	5/ 5	104 (5)	98	5/ 5	100 (5)	94	5/ 5	89 (5)	84	5/ 5
1-7	113 (5)	5/ 5	114 (5)	101	5/ 5	113 (5)	100	5/ 5	111 (5)	98	5/ 5	104 (5)	92	5/ 5	93 (5)	82	5/ 5
2-4	121 (5)	5/ 5	123 (5)	102	5/ 5	121 (5)	100	5/ 5	118 (5)	98	5/ 5	111 (5)	92	5/ 5	97 (5)	80	5/ 5
2-7	126 (5)	5/ 5	127 (5)	101	5/ 5	125 (5)	99	5/ 5	122 (5)	97	5/ 5	116 (5)	92	5/ 5	99 (5)	79	5/ 5

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

TABLE C 3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day 0-0	1-4	1-7	2-4	2-7
Control	124± 5	139± 5	152± 7	170± 8	184± 6
1250 ppm	124± 5	140± 7	153± 7	171± 10	185± 10
2500 ppm	124± 5	139± 5	152± 7	170± 7	182± 10
5000 ppm	123± 5	136± 6	147± 6	165± 9	179± 8
10000 ppm	124± 5	127± 5**	137± 6**	152± 5**	164± 6**
20000 ppm	124± 5	113± 5**	120± 7**	129± 8**	139± 9**

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

TABLE C 4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day 0-0	1-4	1-7	2-4	2-7
Control	98± 3	106± 2	113± 4	121± 3	126± 2
1250 ppm	98± 3	106± 3	114± 3	123± 4	127± 5
2500 ppm	98± 3	107± 5	113± 5	121± 5	125± 5
5000 ppm	98± 2	104± 3	111± 3	118± 5	122± 5
10000 ppm	98± 4	100± 4*	104± 5**	111± 3**	116± 3**
20000 ppm	98± 4	89± 3**	93± 3**	97± 4**	99± 3**

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

TABLE D 1

FOOD CONSUMPTION CHANGES

AND SURVIVAL ANIMAL NUMBERS

: MALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : MALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

Week-Day on Study	Control Av. FC.	Control No. of Surviv. <5>	1250 ppm Av. FC.	1250 ppm % of cont. <5>	1250 ppm No. of Surviv.	2500 ppm Av. FC.	2500 ppm % of cont. <5>	2500 ppm No. of Surviv.	5000 ppm Av. FC.	5000 ppm % of cont. <5>	5000 ppm No. of Surviv.	10000 ppm Av. FC.	10000 ppm % of cont. <5>	10000 ppm No. of Surviv.	20000 ppm Av. FC.	20000 ppm % of cont. <5>	20000 ppm No. of Surviv.
1-4	12.9 (5)	5/ 5	13.0 (5)	101	5/ 5	12.4 (5)	96	5/ 5	11.7 (5)	91	5/ 5	8.6 (5)	67	5/ 5	5.6 (5)	43	5/ 5
1-7	12.8 (5)	5/ 5	13.2 (5)	103	5/ 5	12.9 (5)	101	5/ 5	12.3 (5)	96	5/ 5	11.0 (5)	86	5/ 5	8.8 (5)	69	5/ 5
2-4	13.5 (5)	5/ 5	13.9 (5)	103	5/ 5	13.3 (5)	99	5/ 5	12.9 (5)	96	5/ 5	12.1 (5)	90	5/ 5	9.8 (5)	73	5/ 5
2-7	14.1 (5)	5/ 5	14.2 (5)	101	5/ 5	13.6 (5)	96	5/ 5	13.7 (5)	97	5/ 5	12.3 (5)	87	5/ 5	9.9 (5)	70	5/ 5

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

TABLE D 2

FOOD CONSUMPTION CHANGES

AND SURVIVAL ANIMAL NUMBERS

: FEMALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : FEMALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

Week-Day on Study	Control Av. FC.	Control No. of Surviv. <5>	1250 ppm Av. FC.	1250 ppm % of cont. <5>	1250 ppm No. of Surviv.	2500 ppm Av. FC.	2500 ppm % of cont. <5>	2500 ppm No. of Surviv.	5000 ppm Av. FC.	5000 ppm % of cont. <5>	5000 ppm No. of Surviv.	10000 ppm Av. FC.	10000 ppm % of cont. <5>	10000 ppm No. of Surviv.	20000 ppm Av. FC.	20000 ppm % of cont. <5>	20000 ppm No. of Surviv.
1-4	10.0 (5)	5/ 5	9.6 (5)	96	5/ 5	9.6 (5)	96	5/ 5	9.0 (5)	90	5/ 5	6.6 (5)	66	5/ 5	4.4 (5)	44	5/ 5
1-7	10.0 (5)	5/ 5	10.1 (5)	101	5/ 5	10.1 (5)	101	5/ 5	9.7 (5)	97	5/ 5	8.2 (5)	82	5/ 5	6.8 (5)	68	5/ 5
2-4	10.6 (5)	5/ 5	10.4 (5)	98	5/ 5	10.3 (5)	97	5/ 5	9.7 (5)	92	5/ 5	9.1 (5)	86	5/ 5	7.5 (5)	71	5/ 5
2-7	10.4 (5)	5/ 5	10.2 (5)	98	5/ 5	10.1 (5)	97	5/ 5	9.3 (5)	89	5/ 5	8.7 (5)	84	5/ 5	7.3 (5)	70	5/ 5

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

TABLE D 3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day(effective) 1-4(4)	1-7(3)	2-4(4)	2-7(3)
Control	12.9± 0.5	12.8± 0.7	13.5± 0.5	14.1± 0.6
1250 ppm	13.0± 0.9	13.2± 0.7	13.9± 1.0	14.2± 1.0
2500 ppm	12.4± 0.6	12.9± 0.6	13.3± 0.6	13.6± 0.6
5000 ppm	11.7± 0.4*	12.3± 0.7	12.9± 0.7	13.7± 0.8
10000 ppm	8.6± 0.3**	11.0± 0.3**	12.1± 0.3*	12.3± 1.0**
20000 ppm	5.6± 0.5**	8.8± 0.4**	9.8± 0.7**	9.9± 0.6**

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

TABLE D 4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration week-day(effective) 1-4(4)	1-7(3)	2-4(4)	2-7(3)
Control	10.0± 0.2	10.0± 0.3	10.6± 0.4	10.4± 0.3
1250 ppm	9.6± 0.5	10.1± 0.4	10.4± 0.3	10.2± 0.5
2500 ppm	9.6± 0.5	10.1± 0.6	10.3± 0.5	10.1± 0.4
5000 ppm	9.0± 0.3**	9.7± 0.3	9.7± 0.6**	9.3± 0.5**
10000 ppm	6.6± 0.4**	8.2± 0.6**	9.1± 0.3**	8.7± 0.2**
20000 ppm	4.4± 0.2**	6.8± 0.3**	7.5± 0.3**	7.3± 0.1**

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

TABLE E 1

CHEMICAL INTAKE CHANGES : MALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : mg/kg/day
REPORT TYPE : A1 2
SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration (Week-Day) 1-4		1-7		2-4		2-7	
Control	0±	0	0±	0	0±	0	0±	0
1250 ppm	117±	4	108±	3	102±	2	96±	3
2500 ppm	223±	10	212±	7	196±	6	187±	4
5000 ppm	432±	12	418±	10	389±	11	382±	12
10000 ppm	676±	19	801±	25	794±	17	750±	44
20000 ppm	988±	77	1471±	63	1517±	35	1426±	37

TABLE E 2

CHEMICAL INTAKE CHANGES : FEMALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : mg／kg／d a y
REPORT TYPE : A1 2
SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration (Week-Day) 1-4		1-7		2-4		2-7	
Control	0±	0	0±	0	0±	0	0±	0
1250 ppm	113±	5	110±	4	106±	3	100±	3
2500 ppm	225±	5	223±	5	213±	4	202±	7
5000 ppm	433±	15	439±	11	410±	18	379±	6
10000 ppm	656±	33	788±	45	824±	38	748±	18
20000 ppm	996±	50	1463±	105	1546±	62	1470±	71

TABLE F 1

HEMATOLOGY : MALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (2W)

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	5	7.75± 0.19	13.9± 0.4	41.2± 0.9	53.2± 0.3	18.0± 0.2	33.7± 0.4	914± 36
1250 ppm	5	7.71± 0.13	13.9± 0.2	41.0± 0.4	53.2± 0.5	18.0± 0.1	33.8± 0.3	947± 59
2500 ppm	5	7.72± 0.15	13.9± 0.3	40.9± 1.0	53.0± 0.3	18.0± 0.2	34.0± 0.4	940± 38
5000 ppm	5	7.69± 0.06	13.6± 0.2	40.7± 0.5	53.0± 0.3	17.7± 0.1	33.4± 0.1	896± 63
10000 ppm	5	7.85± 0.15	13.9± 0.3	41.0± 0.7	52.2± 0.4**	17.7± 0.1*	33.8± 0.4	848± 35
20000 ppm	5	7.97± 0.15	13.7± 0.2	40.8± 0.8	51.2± 0.3**	17.1± 0.2**	33.5± 0.2	842± 32

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

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (2W)

Group Name	NO. of Animals	RETICULOCYTE %		METHEMOGLOBIN %	
Control	5	3.4±	0.4	0.5±	0.1
1250 ppm	5	3.5±	0.4	0.4±	0.2
2500 ppm	5	3.3±	0.3	0.5±	0.2
5000 ppm	5	3.7±	0.5	0.7±	0.1
10000 ppm	5	3.5±	0.6	0.8±	0.1
20000 ppm	5	3.2±	0.4	2.2±	0.3**

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

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (2W)

Group Name	NO. of Animals	WBC $10^3/\mu\ell$	Differential WBC (%) NEUTRO	LYMPHO	MONO	EOSINO	BASO	OTHER
Control	5	5.38± 1.08	16± 3	81± 3	2± 0	1± 0	0± 0	1± 0
1250 ppm	5	5.40± 0.60	16± 3	80± 4	3± 1	1± 0	0± 0	1± 0
2500 ppm	5	4.52± 1.24	16± 3	80± 3	2± 1	1± 0	0± 0	1± 0
5000 ppm	5	5.53± 0.60	15± 3	82± 3	3± 1	1± 0	0± 0	1± 0
10000 ppm	5	4.97± 0.68	16± 4	80± 4	3± 1	1± 0	0± 0	1± 0
20000 ppm	5	5.61± 0.55	13± 1	83± 1	3± 1	1± 0	0± 0	1± 0

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

TABLE F 2

HEMATOLOGY : FEMALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (2W)

Group Name	NO. of Animals	RED BLOOD CELL $10^6/\mu\ell$		HEMOGLOBIN g/dℓ		HEMATOCRIT %		MCV fℓ		MCH pg		MCHC g/dℓ		PLATELET $10^3/\mu\ell$	
Control	5	8.20±	0.28	14.9±	0.5	42.9±	1.4	52.4±	0.4	18.1±	0.2	34.7±	0.3	899±	50
1250 ppm	5	8.26±	0.18	14.8±	0.4	42.9±	1.1	51.9±	0.3	18.0±	0.2	34.6±	0.3	917±	66
2500 ppm	5	8.16±	0.32	14.7±	0.4	42.4±	1.3	51.9±	0.5	18.0±	0.3	34.7±	0.4	935±	53
5000 ppm	5	8.17±	0.22	14.4±	0.5	41.9±	1.0	51.2±	0.4**	17.7±	0.2*	34.5±	0.4	918±	72
10000 ppm	5	7.70±	0.33*	13.4±	0.5**	39.7±	1.3**	51.6±	0.8	17.4±	0.3**	33.7±	0.5**	841±	74
20000 ppm	5	7.27±	0.11**	12.6±	0.2**	38.0±	0.5**	52.3±	0.4	17.3±	0.2**	33.2±	0.5**	857±	30

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

Group Name	NO. of Animals	RETICULOCYTE %		METHEMOGLOBIN %	
Control	5	1.9±	0.1	0.4±	0.0
1250 ppm	5	1.9±	0.1	0.5±	0.1
2500 ppm	5	2.1±	0.2	0.6±	0.2
5000 ppm	5	2.3±	0.6	0.8±	0.3*
10000 ppm	5	3.8±	1.2**	1.7±	0.5**
20000 ppm	5	7.3±	0.9**	3.6±	0.3**

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

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (2W)

Group Name	NO. of Animals	WBC $10^3/\mu\ell$	Differential WBC (%) NEUTRO	LYMPHO	MONO	EOSINO	BASO	OTHER
Control	5	5.19± 1.07	13± 3	83± 3	2± 0	1± 0	0± 0	1± 0
1250 ppm	5	4.79± 0.70	14± 2	83± 3	2± 1	1± 0	0± 0	1± 0
2500 ppm	5	5.85± 1.46	15± 5	81± 5	2± 0	1± 0	0± 0	1± 0
5000 ppm	5	5.68± 1.96	14± 3	82± 3	3± 1	1± 0	0± 0	1± 0
10000 ppm	5	5.97± 1.76	14± 5	82± 6	2± 1	1± 0	0± 0	1± 0
20000 ppm	5	5.62± 0.50	12± 2	85± 3	2± 0	1± 0	0± 0	1± 1

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

TABLE G 1

BIOCHEMISTRY : MALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (2W)

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		PHOSPHOLIPID mg/dl	
Control	5	5.7±	0.1	3.2±	0.0	1.3±	0.1	0.10±	0.01	178±	14	69±	4	141±	12
1250 ppm	5	5.8±	0.2	3.3±	0.1	1.3±	0.0	0.10±	0.00	176±	8	75±	6	145±	4
2500 ppm	5	6.0±	0.2*	3.4±	0.2**	1.4±	0.1	0.10±	0.01	175±	8	85±	6**	157±	10
5000 ppm	5	6.1±	0.1**	3.5±	0.1**	1.4±	0.0	0.13±	0.01**	171±	12	106±	6**	181±	10**
10000 ppm	5	6.2±	0.1**	3.6±	0.0**	1.3±	0.1	0.16±	0.01**	158±	3**	114±	8**	199±	13**
20000 ppm	5	6.4±	0.2**	3.7±	0.1**	1.4±	0.0	0.24±	0.02**	140±	4**	121±	5**	208±	10**

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

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (2W)

Group Name	NO. of Animals	AST IU/ℓ		ALT IU/ℓ		LDH IU/ℓ		G-GTP IU/ℓ		CK IU/ℓ		UREA NITROGEN mg/dℓ		CREATININE mg/dℓ	
Control	5	58±	2	28±	2	127±	19	1±	0	165±	13	16.1±	1.5	0.5±	0.1
1250 ppm	5	56±	1	27±	1	116±	6	1±	1	149±	14	16.0±	1.6	0.4±	0.1
2500 ppm	5	58±	6	29±	1	133±	24	1±	0	165±	34	16.1±	1.1	0.5±	0.0
5000 ppm	5	53±	2**	29±	1	126±	26	1±	0	153±	19	17.7±	0.9	0.5±	0.1
10000 ppm	5	51±	3**	30±	3	125±	25	1±	0	142±	10	16.9±	1.5	0.5±	0.1
20000 ppm	5	43±	2**	27±	2	123±	29	2±	0	127±	16*	18.9±	1.6*	0.5±	0.1

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

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (2W)

Group Name	NO. of Animals	SODIUM mEq／ℓ		POTASSIUM mEq／ℓ		CHLORIDE mEq／ℓ		CALCIUM mg／dℓ		INORGANIC PHOSPHORUS mg／dℓ	
Control	5	140±	1	4.3±	0.2	103±	1	11.2±	0.3	6.7±	1.0
1250 ppm	5	139±	1	4.3±	0.1	103±	1	11.1±	0.2	6.6±	1.0
2500 ppm	5	140±	1	4.4±	0.2	103±	2	11.4±	0.2	7.0±	0.8
5000 ppm	5	139±	1	4.3±	0.3	103±	1	11.4±	0.2	7.3±	1.0
10000 ppm	5	140±	0	4.1±	0.1	104±	2	11.3±	0.1	7.3±	0.9
20000 ppm	5	140±	1	4.7±	0.4	103±	2	11.3±	0.2	6.7±	1.1

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

TABLE G 2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (2W)

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	PHOSPHOLIPID mg/dℓ
Control	5	5.6± 0.1	3.3± 0.1	1.5± 0.1	0.09± 0.01	179± 3	77± 2	138± 5
1250 ppm	5	5.8± 0.2	3.5± 0.2*	1.5± 0.1	0.10± 0.01**	172± 8	84± 6	152± 10
2500 ppm	5	6.0± 0.2**	3.6± 0.1**	1.5± 0.1	0.12± 0.01**	170± 10	93± 5**	160± 6**
5000 ppm	5	6.1± 0.2**	3.7± 0.1**	1.5± 0.1	0.16± 0.01**	171± 5	105± 8**	166± 9**
10000 ppm	5	6.2± 0.1**	3.7± 0.1**	1.5± 0.0	0.29± 0.03**	161± 4**	126± 7**	197± 11**
20000 ppm	5	6.5± 0.2**	4.0± 0.1**	1.6± 0.0**	0.44± 0.06**	153± 6**	124± 8**	211± 15**

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

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (2W)

Group Name	NO. of Animals	AST IU/ℓ		ALT IU/ℓ		LDH IU/ℓ		G-GTP IU/ℓ		CK IU/ℓ		UREA NITROGEN mg/dℓ		CREATININE mg/dℓ	
Control	5	64±	2	29±	3	127±	36	2±	1	177±	45	18.3±	2.2	0.5±	0.0
1250 ppm	5	60±	5	27±	2	154±	44	2±	1	163±	34	19.3±	2.8	0.5±	0.1
2500 ppm	5	57±	3*	26±	2	139±	38	1±	0	169±	41	19.8±	2.3	0.5±	0.0
5000 ppm	5	56±	5*	26±	4	138±	32	2±	1	152±	24	18.4±	2.3	0.5±	0.0
10000 ppm	5	54±	2**	27±	1	129±	35	2±	0	145±	29	21.8±	1.8	0.5±	0.1
20000 ppm	5	52±	3**	28±	1	133±	58	5±	0**	136±	24	23.3±	0.7**	0.5±	0.0

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

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (2W)

Group Name	NO. of Animals	SODIUM mEq/ℓ	POTASSIUM mEq/ℓ	CHLORIDE mEq/ℓ	CALCIUM mg/dℓ	INORGANIC PHOSPHORUS mg/dℓ
Control	5	139± 1	4.0± 0.2	105± 2	10.6± 0.2	6.5± 1.4
1250 ppm	5	139± 2	4.1± 0.4	105± 1	10.9± 0.2	6.7± 1.0
2500 ppm	5	139± 1	4.4± 0.4	105± 2	11.0± 0.2	6.9± 1.7
5000 ppm	5	139± 1	4.0± 0.3	105± 3	11.0± 0.3	6.8± 1.1
10000 ppm	5	139± 1	4.4± 0.1	104± 3	11.2± 0.3**	7.1± 1.1
20000 ppm	5	141± 1	4.2± 0.4	105± 2	11.3± 0.2**	6.5± 1.0

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

TABLE H 1

GROSS FINDINGS : MALE :

ALL ANIMALS

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 2W)

Organ	Findings	Group Name / NO. of Animals	Control 5 (%)	1250 ppm 5 (%)	2500 ppm 5 (%)	5000 ppm 5 (%)
liver	herniation		0 (0)	1 (20)	0 (0)	0 (0)

Organ	Findings	Group Name / NO. of Animals	10000 ppm 5 (%)	20000 ppm 5 (%)
liver	herniation		0 (0)	0 (0)

TABLE H 2

GROSS FINDINGS : FEMALE :

ALL ANIMALS

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : FEMALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 2W)

Organ	Findings	Group Name / NO. of Animals	Control 5 (%)	1250 ppm 5 (%)	2500 ppm 5 (%)	5000 ppm 5 (%)
liver	herniation		0 (0)	1 (20)	0 (0)	1 (20)

Organ	Findings	Group Name NO. of Animals	10000 ppm 5 (%)	20000 ppm 5 (%)
liver	herniation		1 (20)	1 (20)

TABLE I 1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (2W)

Group Name	NO. of Animals	Body Weight	THYMUS	ADRENALS	TESTES	HEART	LUNGS
Control	5	184± 6	0.333± 0.021	0.043± 0.005	2.412± 0.125	0.601± 0.041	0.767± 0.034
1250 ppm	5	185± 10	0.351± 0.020	0.045± 0.004	2.441± 0.052	0.652± 0.064	0.791± 0.045
2500 ppm	5	182± 10	0.326± 0.030	0.043± 0.003	2.415± 0.098	0.606± 0.023	0.765± 0.030
5000 ppm	5	179± 8	0.337± 0.029	0.042± 0.004	2.399± 0.152	0.602± 0.023	0.745± 0.011
10000 ppm	5	164± 6**	0.314± 0.026	0.040± 0.002	2.311± 0.269	0.574± 0.027	0.688± 0.039**
20000 ppm	5	139± 9**	0.247± 0.012**	0.039± 0.002	2.200± 0.193	0.504± 0.036**	0.594± 0.026**

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

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (2W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	1.402± 0.048	0.481± 0.010	7.438± 0.375	1.712± 0.024
1250 ppm	5	1.514± 0.071	0.475± 0.032	8.239± 0.603	1.746± 0.016
2500 ppm	5	1.392± 0.060	0.458± 0.027	8.653± 0.574**	1.729± 0.016
5000 ppm	5	1.443± 0.073	0.462± 0.022	9.142± 0.734**	1.731± 0.070
10000 ppm	5	1.390± 0.069	0.414± 0.031**	8.623± 0.476*	1.679± 0.027
20000 ppm	5	1.274± 0.083*	0.392± 0.024**	8.014± 0.519	1.647± 0.016*

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

TABLE I 2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (2W)

Group Name	NO. of Animals	Body Weight	THYMUS	ADRENALS	OVARIES	HEART	LUNGS
Control	5	126± 2	0.281± 0.023	0.050± 0.007	0.082± 0.005	0.489± 0.011	0.614± 0.025
1250 ppm	5	127± 5	0.270± 0.030	0.049± 0.003	0.075± 0.011	0.485± 0.019	0.626± 0.013
2500 ppm	5	125± 5	0.264± 0.018	0.047± 0.003	0.081± 0.012	0.472± 0.038	0.621± 0.033
5000 ppm	5	122± 5	0.272± 0.026	0.047± 0.005	0.073± 0.016	0.451± 0.021	0.591± 0.035
10000 ppm	5	116± 3**	0.263± 0.020	0.044± 0.001	0.054± 0.011**	0.431± 0.013**	0.554± 0.008*
20000 ppm	5	99± 3**	0.204± 0.018**	0.037± 0.003**	0.045± 0.009**	0.389± 0.025**	0.492± 0.007**

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

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (2W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	1.038± 0.020	0.347± 0.006	4.526± 0.191	1.622± 0.010
1250 ppm	5	1.050± 0.013	0.350± 0.021	5.005± 0.224*	1.638± 0.036
2500 ppm	5	1.013± 0.049	0.343± 0.009	5.547± 0.300**	1.643± 0.030
5000 ppm	5	1.021± 0.042	0.342± 0.018	5.756± 0.437**	1.636± 0.033
10000 ppm	5	0.981± 0.030*	0.386± 0.032*	5.814± 0.105**	1.577± 0.017
20000 ppm	5	0.928± 0.025**	0.421± 0.047**	5.608± 0.186**	1.553± 0.036**

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

TABLE J 1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (2W)

Group Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	TESTES	HEART	LUNGS
Control	5	184± 6	0.182± 0.015	0.023± 0.002	1.314± 0.047	0.328± 0.020	0.418± 0.018
1250 ppm	5	185± 10	0.190± 0.015	0.024± 0.002	1.323± 0.046	0.352± 0.022	0.428± 0.005
2500 ppm	5	182± 10	0.179± 0.015	0.024± 0.001	1.325± 0.050	0.333± 0.020	0.420± 0.022
5000 ppm	5	179± 8	0.188± 0.014	0.023± 0.003	1.338± 0.074	0.336± 0.006	0.416± 0.015
10000 ppm	5	164± 6**	0.191± 0.019	0.025± 0.001	1.404± 0.141	0.349± 0.014	0.419± 0.009
20000 ppm	5	139± 9**	0.178± 0.013	0.028± 0.002**	1.586± 0.060**	0.364± 0.017*	0.429± 0.010

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

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (2W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	0.763± 0.015	0.262± 0.012	4.050± 0.108	0.933± 0.030
1250 ppm	5	0.820± 0.023*	0.257± 0.008	4.455± 0.124**	0.947± 0.049
2500 ppm	5	0.765± 0.042	0.251± 0.004	4.743± 0.107**	0.950± 0.049
5000 ppm	5	0.804± 0.019	0.257± 0.008	5.091± 0.201**	0.968± 0.069
10000 ppm	5	0.845± 0.020**	0.252± 0.011	5.244± 0.143**	1.022± 0.037
20000 ppm	5	0.920± 0.035**	0.283± 0.008**	5.782± 0.115**	1.192± 0.078**

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

TABLE J 2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (2W)

Group Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	OVARIES	HEART	LUNGS
Control	5	126± 2	0.223± 0.018	0.040± 0.006	0.065± 0.004	0.387± 0.007	0.486± 0.016
1250 ppm	5	127± 5	0.213± 0.027	0.039± 0.002	0.059± 0.010	0.381± 0.017	0.492± 0.021
2500 ppm	5	125± 5	0.212± 0.009	0.037± 0.003	0.065± 0.008	0.378± 0.024	0.497± 0.023
5000 ppm	5	122± 5	0.222± 0.020	0.038± 0.005	0.060± 0.014	0.369± 0.025	0.484± 0.029
10000 ppm	5	116± 3**	0.227± 0.021	0.037± 0.002	0.047± 0.010*	0.371± 0.018	0.476± 0.013
20000 ppm	5	99± 3**	0.206± 0.015	0.038± 0.002	0.045± 0.009*	0.392± 0.016	0.497± 0.014

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

STUDY NO. : 0737
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (2W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	0.822± 0.015	0.275± 0.005	3.582± 0.161	1.284± 0.022
1250 ppm	5	0.826± 0.026	0.275± 0.017	3.935± 0.076**	1.288± 0.028
2500 ppm	5	0.811± 0.015	0.275± 0.009	4.443± 0.087**	1.318± 0.051
5000 ppm	5	0.836± 0.023	0.280± 0.003	4.708± 0.246**	1.340± 0.038
10000 ppm	5	0.843± 0.018	0.332± 0.031**	4.997± 0.150**	1.355± 0.023*
20000 ppm	5	0.936± 0.032**	0.423± 0.038**	5.654± 0.060**	1.567± 0.051**

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