4-*tert*-ブチルカテコールのラットを用いた
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：0709

TABLES

TABLES

TABLES (CONTINUED)

TABLE A 1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0709
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. : 0709
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. : 0709
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. : 0709
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

STUDY NO. : 0709
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Administration Week-day 1-4	1-7	2-4	2-7
SOILED	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	0	0	1	1
SMALL 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	2	1
NON REMARKABLE	Control	5	5	5	5
	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	0	0	3	4

TABLE B 2

CLINICAL OBSERVATION : FEMALE

Clinical sign	Group Name	Administration Week-day 1-4	1-7	2-4	2-7
SOILED	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	0	0	1	1
SOILED PERI-GENITALIA	Control	0	0	0	0
	1250 ppm	0	0	0	0
	2500 ppm	0	0	0	1
	5000 ppm	0	0	0	0
	10000 ppm	0	0	0	1
	20000 ppm	0	1	1	2
SMALL 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	4	4
NON REMARKABLE	Control	5	5	5	5
	1250 ppm	5	5	5	5
	2500 ppm	5	5	5	4
	5000 ppm	5	5	5	5
	10000 ppm	5	5	5	4
	20000 ppm	0	0	1	1

TABLE C 1

BODY WEIGHT CHANGES

AND SURVIVAL ANIMAL NUMBERS

: MALE

STUDY NO. : 0709
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	126 (5)	5/ 5	126 (5)	100	5/ 5	126 (5)	100	5/ 5	126 (5)	100	5/ 5	126 (5)	100	5/ 5	126 (5)	100	5/ 5
1-4	144 (5)	5/ 5	143 (5)	99	5/ 5	141 (5)	98	5/ 5	141 (5)	98	5/ 5	127 (5)	88	5/ 5	109 (5)	76	5/ 5
1-7	157 (5)	5/ 5	155 (5)	99	5/ 5	155 (5)	99	5/ 5	153 (5)	97	5/ 5	136 (5)	87	5/ 5	116 (5)	74	5/ 5
2-4	176 (5)	5/ 5	173 (5)	98	5/ 5	174 (5)	99	5/ 5	167 (5)	95	5/ 5	149 (5)	85	5/ 5	123 (5)	70	5/ 5
2-7	190 (5)	5/ 5	185 (5)	97	5/ 5	187 (5)	98	5/ 5	180 (5)	95	5/ 5	159 (5)	84	5/ 5	129 (5)	68	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. : 0709
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	100 (5)	5/ 5	100 (5)	100	5/ 5	100 (5)	100	5/ 5	100 (5)	100	5/ 5	100 (5)	100	5/ 5	100 (5)	100	5/ 5
1-4	110 (5)	5/ 5	109 (5)	99	5/ 5	109 (5)	99	5/ 5	107 (5)	97	5/ 5	104 (5)	95	5/ 5	88 (5)	80	5/ 5
1-7	117 (5)	5/ 5	115 (5)	98	5/ 5	114 (5)	97	5/ 5	111 (5)	95	5/ 5	108 (5)	92	5/ 5	93 (5)	79	5/ 5
2-4	123 (5)	5/ 5	123 (5)	100	5/ 5	120 (5)	98	5/ 5	118 (5)	96	5/ 5	115 (5)	93	5/ 5	98 (5)	80	5/ 5
2-7	128 (5)	5/ 5	126 (5)	98	5/ 5	124 (5)	97	5/ 5	121 (5)	95	5/ 5	121 (5)	95	5/ 5	99 (5)	77	5/ 5

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

TABLE C 3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0709
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	126± 4	144± 3	157± 2	176± 3	190± 4
1250 ppm	126± 4	143± 5	155± 6	173± 7	185± 6
2500 ppm	126± 3	141± 4	155± 4	174± 6	187± 7
5000 ppm	126± 4	141± 4	153± 5	167± 5	180± 6*
10000 ppm	126± 4	127± 5**	136± 6**	149± 7**	159± 7**
20000 ppm	126± 3	109± 4**	116± 5**	123± 4**	129± 6**

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

TABLE C 4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0709
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	100± 3	110± 4	117± 4	123± 6	128± 7
1250 ppm	100± 2	109± 4	115± 3	123± 4	126± 5
2500 ppm	100± 3	109± 5	114± 5	120± 5	124± 8
5000 ppm	100± 4	107± 5	111± 4	118± 5	121± 6
10000 ppm	100± 3	104± 3	108± 3**	115± 1	121± 3
20000 ppm	100± 3	88± 4**	93± 5**	98± 7**	99± 8**

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

TABLE D 1

FOOD CONSUMPTION CHANGES

AND SURVIVAL ANIMAL NUMBERS

: MALE

STUDY NO. : 0709
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	13.1 (5)	5/ 5	12.6 (5)	96	5/ 5	12.3 (5)	94	5/ 5	11.4 (5)	87	5/ 5	7.5 (5)	57	5/ 5	4.4 (5)	34	5/ 5
1-7	13.2 (5)	5/ 5	13.1 (5)	99	5/ 5	13.2 (5)	100	5/ 5	12.4 (5)	94	5/ 5	10.7 (5)	81	5/ 5	9.6 (5)	73	5/ 5
2-4	14.2 (5)	5/ 5	13.7 (5)	96	5/ 5	13.8 (5)	97	5/ 5	12.7 (5)	89	5/ 5	11.0 (5)	77	5/ 5	10.1 (5)	71	5/ 5
2-7	14.6 (5)	5/ 5	14.0 (5)	96	5/ 5	14.5 (5)	99	5/ 5	13.2 (5)	90	5/ 5	11.4 (5)	78	5/ 5	9.6 (5)	66	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. : 0709
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	10.4 (5)	5/ 5	10.0 (5)	96	5/ 5	9.6 (5)	92	5/ 5	8.4 (5)	81	5/ 5	7.1 (5)	68	5/ 5	4.0 (5)	38	5/ 5
1-7	10.2 (5)	5/ 5	10.2 (5)	100	5/ 5	10.1 (5)	99	5/ 5	9.7 (5)	95	5/ 5	9.8 (5)	96	5/ 5	8.1 (5)	79	5/ 5
2-4	10.4 (5)	5/ 5	10.5 (5)	101	5/ 5	10.3 (5)	99	5/ 5	9.7 (5)	93	5/ 5	9.7 (5)	93	5/ 5	8.2 (5)	79	5/ 5
2-7	10.1 (5)	5/ 5	10.1 (5)	100	5/ 5	9.7 (5)	96	5/ 5	9.5 (5)	94	5/ 5	9.4 (5)	93	5/ 5	7.4 (5)	73	5/ 5

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

TABLE D 3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0709
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	13.1± 0.4	13.2± 0.4	14.2± 0.4	14.6± 0.4
1250 ppm	12.6± 0.6	13.1± 0.6	13.7± 0.7	14.0± 0.6
2500 ppm	12.3± 0.8	13.2± 0.9	13.8± 1.1	14.5± 1.0
5000 ppm	11.4± 0.4**	12.4± 0.4	12.7± 0.4*	13.2± 0.4*
10000 ppm	7.5± 1.0**	10.7± 0.6**	11.0± 0.7**	11.4± 0.7**
20000 ppm	4.4± 0.3**	9.6± 0.4**	10.1± 0.7**	9.6± 0.8**

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

TABLE D 4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0709
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	10.4± 0.4	10.2± 0.5	10.4± 0.7	10.1± 0.6
1250 ppm	10.0± 0.4	10.2± 0.3	10.5± 0.4	10.1± 0.6
2500 ppm	9.6± 0.8	10.1± 0.7	10.3± 0.6	9.7± 1.2
5000 ppm	8.4± 0.4**	9.7± 0.7	9.7± 0.7	9.5± 0.9
10000 ppm	7.1± 0.2**	9.8± 0.7	9.7± 0.6	9.4± 0.6
20000 ppm	4.0± 0.6**	8.1± 1.0**	8.2± 1.0**	7.4± 1.0**

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

TABLE E 1

CHEMICAL INTAKE CHANGES : MALE

STUDY NO. : 0709
ANIMAL : RAT F344/DuCrlCrlj[F344/DuCrj]
UNIT : mg／kg／d a y
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	110±	2	105±	1	99±	3	94±	2
2500 ppm	218±	12	213±	9	198±	11	194±	8
5000 ppm	402±	9	405±	11	379±	12	367±	7
10000 ppm	587±	64	784±	25	738±	29	719±	23
20000 ppm	814±	41	1653±	84	1637±	116	1482±	78

TABLE E 2

CHEMICAL INTAKE CHANGES : FEMALE

STUDY NO. : 0709
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	115±	5	110±	3	106±	4	100±	3
2500 ppm	221±	11	220±	8	215±	6	196±	17
5000 ppm	394±	16	438±	19	412±	18	391±	20
10000 ppm	686±	25	902±	45	845±	48	778±	44
20000 ppm	896±	112	1726±	146	1676±	115	1489±	109

TABLE F 1

GROSS FINDINGS : MALE :

ALL ANIMALS

STUDY NO. : 0709
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)	0 (0)	0 (0)	1 (20)

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

TABLE F 2

GROSS FINDINGS : FEMALE :

ALL ANIMALS

STUDY NO. : 0709
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		1 (20)	0 (0)	0 (0)	0 (0)

Organ	Findings	Group Name NO. of Animals	10000 ppm 5 (%)	20000 ppm 5 (%)
liver	herniation		1 (20)	0 (0)

TABLE G 1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0709
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	190± 4	0.358± 0.036	0.038± 0.001	2.425± 0.104	0.662± 0.030	0.831± 0.032
1250 ppm	5	185± 6	0.338± 0.045	0.036± 0.003	2.452± 0.136	0.661± 0.042	0.793± 0.039
2500 ppm	5	187± 7	0.342± 0.029	0.035± 0.002	2.423± 0.052	0.678± 0.043	0.790± 0.029
5000 ppm	5	180± 6*	0.316± 0.019	0.035± 0.004	2.415± 0.075	0.617± 0.030	0.735± 0.033**
10000 ppm	5	159± 7**	0.305± 0.022	0.035± 0.002	2.292± 0.088	0.545± 0.033**	0.671± 0.031**
20000 ppm	5	129± 6**	0.218± 0.033**	0.034± 0.002	1.788± 0.287**	0.492± 0.030**	0.605± 0.012**

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

STUDY NO. : 0709
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	1.566± 0.029	0.523± 0.019	7.829± 0.320	1.771± 0.034
1250 ppm	5	1.529± 0.082	0.476± 0.027*	7.585± 0.261	1.701± 0.082
2500 ppm	5	1.579± 0.079	0.468± 0.030**	7.842± 0.531	1.741± 0.032
5000 ppm	5	1.476± 0.045	0.461± 0.020**	7.130± 0.344*	1.749± 0.018
10000 ppm	5	1.334± 0.071**	0.380± 0.026**	6.316± 0.382**	1.698± 0.007*
20000 ppm	5	1.186± 0.038**	0.317± 0.025**	5.257± 0.097**	1.676± 0.043**

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

TABLE G 2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0709
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	128± 7	0.262± 0.025	0.047± 0.003	0.093± 0.012	0.511± 0.030	0.639± 0.044
1250 ppm	5	126± 5	0.299± 0.029	0.048± 0.005	0.101± 0.009	0.509± 0.040	0.654± 0.020
2500 ppm	5	124± 8	0.258± 0.050	0.045± 0.004	0.085± 0.009	0.473± 0.018	0.634± 0.035
5000 ppm	5	121± 6	0.278± 0.042	0.041± 0.005	0.080± 0.012	0.452± 0.021	0.612± 0.040
10000 ppm	5	121± 3	0.280± 0.033	0.041± 0.004	0.071± 0.010**	0.472± 0.056	0.601± 0.025
20000 ppm	5	99± 8**	0.208± 0.035	0.037± 0.004**	0.057± 0.010**	0.396± 0.034**	0.532± 0.028**

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

STUDY NO. : 0709
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	1.087± 0.047	0.350± 0.021	4.727± 0.275	1.637± 0.034
1250 ppm	5	1.084± 0.020	0.362± 0.007	4.877± 0.282	1.635± 0.037
2500 ppm	5	1.072± 0.054	0.335± 0.036	4.797± 0.390	1.638± 0.046
5000 ppm	5	1.032± 0.037	0.329± 0.019	4.667± 0.232	1.628± 0.038
10000 ppm	5	1.034± 0.032	0.317± 0.008*	4.797± 0.364	1.660± 0.036
20000 ppm	5	0.942± 0.036**	0.262± 0.025**	3.972± 0.290**	1.594± 0.044

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

TABLE H 1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0709
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	190± 4	0.188± 0.017	0.020± 0.001	1.277± 0.050	0.349± 0.011	0.438± 0.011
1250 ppm	5	185± 6	0.183± 0.027	0.019± 0.001	1.324± 0.062	0.357± 0.017	0.428± 0.013
2500 ppm	5	187± 7	0.183± 0.010	0.019± 0.001	1.299± 0.029	0.363± 0.025	0.423± 0.011
5000 ppm	5	180± 6*	0.176± 0.010	0.019± 0.002	1.345± 0.059	0.344± 0.027	0.409± 0.017*
10000 ppm	5	159± 7**	0.192± 0.008	0.022± 0.001	1.447± 0.086	0.344± 0.013	0.423± 0.008
20000 ppm	5	129± 6**	0.168± 0.021	0.026± 0.002**	1.385± 0.242	0.380± 0.018	0.468± 0.020**

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

STUDY NO. : 0709
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	0.825± 0.007	0.276± 0.008	4.124± 0.118	0.934± 0.022
1250 ppm	5	0.825± 0.020	0.256± 0.007*	4.096± 0.091	0.919± 0.043
2500 ppm	5	0.846± 0.016	0.251± 0.012**	4.199± 0.147	0.934± 0.033
5000 ppm	5	0.822± 0.023	0.257± 0.010*	3.968± 0.083	0.974± 0.028
10000 ppm	5	0.841± 0.019	0.239± 0.010**	3.981± 0.111	1.073± 0.048**
20000 ppm	5	0.917± 0.038**	0.244± 0.012**	4.067± 0.133	1.298± 0.072**

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

TABLE H 2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0709
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	128± 7	0.204± 0.010	0.037± 0.003	0.073± 0.011	0.400± 0.031	0.499± 0.013
1250 ppm	5	126± 5	0.237± 0.024	0.038± 0.004	0.080± 0.005	0.403± 0.022	0.518± 0.019
2500 ppm	5	124± 8	0.208± 0.030	0.037± 0.002	0.069± 0.006	0.383± 0.009	0.513± 0.009
5000 ppm	5	121± 6	0.230± 0.042	0.034± 0.003	0.066± 0.007	0.373± 0.017	0.505± 0.030
10000 ppm	5	121± 3	0.232± 0.026	0.034± 0.003	0.059± 0.008	0.391± 0.044	0.498± 0.018
20000 ppm	5	99± 8**	0.209± 0.026	0.037± 0.005	0.058± 0.013*	0.399± 0.022	0.537± 0.030

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

STUDY NO. : 0709
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	0.850± 0.017	0.274± 0.005	3.694± 0.133	1.281± 0.059
1250 ppm	5	0.858± 0.021	0.287± 0.013	3.857± 0.097	1.296± 0.070
2500 ppm	5	0.868± 0.027	0.271± 0.014	3.879± 0.173	1.329± 0.068
5000 ppm	5	0.852± 0.036	0.271± 0.013	3.846± 0.102	1.344± 0.076
10000 ppm	5	0.858± 0.022	0.263± 0.002	3.974± 0.211*	1.377± 0.056
20000 ppm	5	0.951± 0.073	0.264± 0.016	3.998± 0.133*	1.610± 0.105**

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