4-*tert*-ブチルカテコールのマウスを用いた
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：0710

TABLES

TABLES

TABLES (CONTINUED)

TABLE A 1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	4/ 5	3/ 5	3/ 5	3/ 5	3/ 5	3/ 5	2/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	80.0	60.0	60.0	60.0	60.0	60.0	40.0

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

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	2/ 5 40.0

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

TABLE B 1

CLINICAL OBSERVATION : MALE

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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
HUNCHBACK POSITION	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	0	1
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	0	0	2	2
PROLAPSE OF PENIS	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
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	5	5
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	0	0

TABLE B 2

CLINICAL OBSERVATION : FEMALE

Clinical sign	Group Name	Administration Week-day 1-4	1-7	2-4	2-7
DEATH	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	1	2	3
LOCOMOTOR MOVEMENT DECR	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	1	0	0
HUNCHBACK POSITION	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	1	0	1
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	0	1	1	1
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	4	3	2
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	0	0

TABLE C 1

BODY WEIGHT CHANGES

AND SURVIVAL ANIMAL NUMBERS

: MALE

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	24.1 (5)	5/ 5	24.1 (5)	100	5/ 5	24.1 (5)	100	5/ 5	24.1 (5)	100	5/ 5	24.1 (5)	100	5/ 5	24.1 (5)	100	5/ 5
1-4	25.0 (5)	5/ 5	25.0 (5)	100	5/ 5	24.9 (5)	100	5/ 5	24.7 (5)	99	5/ 5	22.1 (5)	88	5/ 5	17.6 (5)	70	5/ 5
1-7	24.4 (5)	5/ 5	24.6 (5)	101	5/ 5	25.0 (5)	102	5/ 5	24.6 (5)	101	5/ 5	22.0 (5)	90	5/ 5	16.5 (5)	68	5/ 5
2-4	25.5 (5)	5/ 5	25.4 (5)	100	5/ 5	25.7 (5)	101	5/ 5	25.2 (5)	99	5/ 5	24.3 (5)	95	5/ 5	16.1 (5)	63	5/ 5
2-7	26.9 (5)	5/ 5	26.3 (5)	98	5/ 5	26.4 (5)	98	5/ 5	26.2 (5)	97	5/ 5	25.0 (5)	93	5/ 5	17.2 (5)	64	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. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	19.0 (5)	5/ 5	19.1 (5)	101	5/ 5	19.0 (5)	100	5/ 5	19.0 (5)	100	5/ 5	19.1 (5)	101	5/ 5	19.0 (5)	100	5/ 5
1-4	18.9 (5)	5/ 5	19.3 (5)	102	5/ 5	20.4 (5)	108	5/ 5	19.8 (5)	105	5/ 5	18.0 (5)	95	5/ 5	13.7 (5)	72	5/ 5
1-7	18.9 (5)	5/ 5	19.0 (5)	101	5/ 5	19.6 (5)	104	5/ 5	19.8 (5)	105	5/ 5	18.8 (5)	99	5/ 5	13.0 (4)	69	4/ 5
2-4	20.1 (5)	5/ 5	19.5 (5)	97	5/ 5	20.4 (5)	101	5/ 5	20.2 (5)	100	5/ 5	19.3 (5)	96	5/ 5	12.6 (3)	63	3/ 5
2-7	20.6 (5)	5/ 5	20.4 (5)	99	5/ 5	21.3 (5)	103	5/ 5	20.6 (5)	100	5/ 5	19.7 (5)	96	5/ 5	13.2 (2)	64	2/ 5

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

TABLE C 3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	24.1± 0.9	25.0± 1.0	24.4± 0.9	25.5± 1.4	26.9± 1.5
1250 ppm	24.1± 0.9	25.0± 0.9	24.6± 1.3	25.4± 0.9	26.3± 1.2
2500 ppm	24.1± 0.8	24.9± 0.9	25.0± 0.6	25.7± 0.7	26.4± 0.9
5000 ppm	24.1± 1.0	24.7± 1.3	24.6± 1.2	25.2± 1.0	26.2± 1.1
10000 ppm	24.1± 0.8	22.1± 1.0**	22.0± 3.2	24.3± 0.8	25.0± 1.0
20000 ppm	24.1± 0.9	17.6± 0.4**	16.5± 0.6*	16.1± 1.2**	17.2± 2.3**

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

TABLE C 4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	19.0± 0.9	18.9± 1.6	18.9± 1.7	20.1± 1.4	20.6± 0.9
1250 ppm	19.1± 0.8	19.3± 0.9	19.0± 0.9	19.5± 1.0	20.4± 1.5
2500 ppm	19.0± 0.9	20.4± 1.1	19.6± 0.9	20.4± 0.9	21.3± 0.8
5000 ppm	19.0± 0.9	19.8± 0.6	19.8± 0.7	20.2± 0.4	20.6± 0.7
10000 ppm	19.1± 0.8	18.0± 0.9	18.8± 1.0	19.3± 0.8	19.7± 0.7
20000 ppm	19.0± 0.9	13.7± 0.4**	13.0± 0.8**	12.6± 1.5**	13.2± 2.9 ?

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

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

TABLE D 1

FOOD CONSUMPTION CHANGES

AND SURVIVAL ANIMAL NUMBERS

: MALE

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	4.7 (5)	5/ 5	4.6 (5)	98	5/ 5	4.5 (5)	96	5/ 5	4.8 (5)	102	5/ 5	3.7 (5)	79	5/ 5	1.9 (5)	40	5/ 5
1-7	3.9 (5)	5/ 5	3.9 (5)	100	5/ 5	4.3 (5)	110	5/ 5	4.6 (5)	118	5/ 5	4.3 (5)	110	5/ 5	3.3 (5)	85	5/ 5
2-4	4.2 (5)	5/ 5	4.2 (5)	100	5/ 5	4.2 (5)	100	5/ 5	4.6 (5)	110	5/ 5	5.2 (5)	124	5/ 5	3.3 (5)	79	5/ 5
2-7	4.5 (5)	5/ 5	4.2 (5)	93	5/ 5	3.9 (5)	87	5/ 5	4.2 (5)	93	5/ 5	4.5 (5)	100	5/ 5	- (-)	-	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. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	3.7 (5)	5/ 5	3.9 (5)	105	5/ 5	4.1 (5)	111	5/ 5	4.1 (5)	111	5/ 5	3.4 (5)	92	5/ 5	1.5 (5)	41	5/ 5
1-7	3.7 (5)	5/ 5	3.6 (5)	97	5/ 5	3.4 (5)	92	5/ 5	3.6 (5)	97	5/ 5	4.1 (5)	111	5/ 5	2.2 (4)	59	4/ 5
2-4	3.9 (5)	5/ 5	3.7 (5)	95	5/ 5	3.8 (5)	97	5/ 5	3.6 (5)	92	5/ 5	3.7 (5)	95	5/ 5	2.2 (3)	56	3/ 5
2-7	3.7 (5)	5/ 5	3.7 (5)	100	5/ 5	3.8 (5)	103	5/ 5	3.3 (5)	89	5/ 5	3.5 (5)	95	5/ 5	2.6 (2)	70	2/ 5

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

TABLE D 3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	4.7± 0.3	3.9± 0.3	4.2± 0.5	4.5± 0.9
1250 ppm	4.6± 0.2	3.9± 0.4	4.2± 0.2	4.2± 0.1
2500 ppm	4.5± 0.3	4.3± 0.3	4.2± 0.3	3.9± 0.4
5000 ppm	4.8± 0.5	4.6± 0.3	4.6± 0.7	4.2± 0.1
10000 ppm	3.7± 0.5**	4.3± 1.4	5.2± 0.9*	4.5± 0.5
20000 ppm	1.9± 0.6**	3.3± 0.8	3.3± 0.6	-

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

TABLE D 4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	3.7± 0.5	3.7± 0.5	3.9± 0.4	3.7± 0.4
1250 ppm	3.9± 0.5	3.6± 0.5	3.7± 0.7	3.7± 0.6
2500 ppm	4.1± 0.7	3.4± 0.4	3.8± 0.5	3.8± 0.5
5000 ppm	4.1± 0.5	3.6± 0.4	3.6± 0.3	3.3± 0.3
10000 ppm	3.4± 0.7	4.1± 0.8	3.7± 0.3	3.5± 0.3
20000 ppm	1.5± 0.6**	2.2± 0.7**	2.2± 1.1**	2.6± 1.6 ?

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

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

TABLE E 1

CHEMICAL INTAKE CHANGES : MALE

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	228±	9	199±	18	208±	14	199±	12
2500 ppm	449±	22	433±	31	411±	25	371±	32
5000 ppm	978±	90	945±	59	909±	149	811±	32
10000 ppm	1680±	167	1893±	416	2143±	422	1800±	232
20000 ppm	2142±	660	3955±	923	4040±	447	-	

TABLE E 2

CHEMICAL INTAKE CHANGES : FEMALE

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	250±	26	239±	19	236±	33	224±	20
2500 ppm	504±	62	431±	55	468±	47	443±	48
5000 ppm	1037±	100	921±	102	885±	84	792±	59
10000 ppm	1880±	352	2186±	326	1909±	129	1758±	121
20000 ppm	2117±	865	3367±	1021	3452±	1357	3786±	1531

TABLE F 1

GROSS FINDINGS : MALE :

ALL ANIMALS

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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 (%)
thymus	atrophic		0 (0)	0 (0)	0 (0)	0 (0)
spleen	black zone		1 (20)	0 (0)	0 (0)	0 (0)

Organ	Findings	Group Name NO. of Animals	10000 ppm 5 (%)	20000 ppm 5 (%)
thymus	atrophic		0 (0)	5 (100)
spleen	black zone		0 (0)	0 (0)

TABLE F 2

GROSS FINDINGS : FEMALE :

DEAD AND MORIBUNDS ANIMALS

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

GROSS FINDINGS (SUMMARY)
DEAD AND MORIBUND ANIMALS (0- 2W)

Organ	Findings	Group Name / NO. of Animals	Control 0 (%)	1250 ppm 0 (%)	2500 ppm 0 (%)	5000 ppm 0 (%)
thymus	atrophic		- (-)	- (-)	- (-)	- (-)

Organ	Findings	Group Name NO. of Animals	10000 ppm 0 (%)	20000 ppm 3 (%)
thymus	atrophic		- (-)	3 (100)

TABLE F 3

GROSS FINDINGS : FEMALE :

SACRIFICES ANIMALS

Organ	Findings	Group Name / NO. of Animals	Control 5 (%)	1250 ppm 5 (%)	2500 ppm 5 (%)	5000 ppm 5 (%)
thymus	atrophic		0 (0)	0 (0)	0 (0)	0 (0)
spleen	black zone		0 (0)	1 (20)	0 (0)	0 (0)
kidney	hydronephrosis		1 (20)	1 (20)	0 (0)	0 (0)

Organ	Findings	Group Name NO. of Animals	10000 ppm 5 (%)	20000 ppm 2 (%)
thymus	atrophic		0 (0)	2 (100)
spleen	black zone		0 (0)	0 (0)
kidney	hydronephrosis		0 (0)	0 (0)

TABLE G 1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	26.9± 1.5	0.051± 0.007	0.009± 0.002	0.218± 0.022	0.141± 0.006	0.148± 0.012
1250 ppm	5	26.3± 1.2	0.050± 0.007	0.009± 0.001	0.193± 0.066	0.133± 0.008	0.145± 0.006
2500 ppm	5	26.4± 0.9	0.052± 0.004	0.008± 0.001	0.207± 0.024	0.135± 0.009	0.149± 0.015
5000 ppm	5	26.2± 1.1	0.049± 0.008	0.008± 0.001	0.222± 0.013	0.131± 0.012	0.144± 0.011
10000 ppm	5	25.0± 1.0	0.034± 0.010**	0.009± 0.002	0.210± 0.015	0.123± 0.012*	0.145± 0.009
20000 ppm	5	17.2± 2.3**	0.010± 0.002**	0.009± 0.001	0.178± 0.020	0.102± 0.008**	0.119± 0.005**

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

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	0.410± 0.021	0.059± 0.004	1.409± 0.088	0.456± 0.009
1250 ppm	5	0.401± 0.024	0.060± 0.002	1.410± 0.128	0.458± 0.006
2500 ppm	5	0.446± 0.083	0.065± 0.008	1.436± 0.111	0.458± 0.011
5000 ppm	5	0.387± 0.023	0.060± 0.004	1.541± 0.165	0.454± 0.007
10000 ppm	5	0.364± 0.023**	0.053± 0.007	1.588± 0.114	0.449± 0.018
20000 ppm	5	0.244± 0.031**	0.024± 0.007**	1.182± 0.383	0.428± 0.007**

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

TABLE G 2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	20.6± 0.9	0.075± 0.010	0.011± 0.002	0.024± 0.003	0.117± 0.014	0.134± 0.011
1250 ppm	5	20.4± 1.5	0.067± 0.019	0.010± 0.001	0.024± 0.003	0.116± 0.011	0.131± 0.007
2500 ppm	5	21.3± 0.8	0.070± 0.003	0.012± 0.003	0.028± 0.002	0.116± 0.011	0.128± 0.010
5000 ppm	5	20.6± 0.7	0.067± 0.008	0.011± 0.001	0.025± 0.003	0.109± 0.007	0.127± 0.006
10000 ppm	5	19.7± 0.7	0.058± 0.010	0.012± 0.002	0.023± 0.004	0.102± 0.006	0.123± 0.007
20000 ppm	2	13.2± 2.9 ?	0.008± 0.001 ?	0.010± 0.001 ?	0.012± 0.001 ?	0.082± 0.005 ?	0.103± 0.008 ?

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

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

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	0.380± 0.238	0.075± 0.024	1.001± 0.070	0.453± 0.016
1250 ppm	5	0.360± 0.205	0.078± 0.022	1.015± 0.139	0.449± 0.010
2500 ppm	5	0.268± 0.014	0.075± 0.010	1.025± 0.089	0.451± 0.004
5000 ppm	5	0.250± 0.012*	0.065± 0.006	1.036± 0.080	0.447± 0.013
10000 ppm	5	0.241± 0.014**	0.058± 0.007	1.165± 0.093	0.442± 0.009
20000 ppm	2	0.181± 0.035 ?	0.020± 0.012 ?	0.841± 0.342 ?	0.415± 0.004 ?

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

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

TABLE H 1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	26.9± 1.5	0.189± 0.022	0.035± 0.008	0.809± 0.050	0.527± 0.034	0.552± 0.046
1250 ppm	5	26.3± 1.2	0.189± 0.027	0.034± 0.006	0.735± 0.257	0.508± 0.039	0.551± 0.040
2500 ppm	5	26.4± 0.9	0.198± 0.011	0.030± 0.005	0.786± 0.096	0.510± 0.032	0.563± 0.044
5000 ppm	5	26.2± 1.1	0.186± 0.037	0.030± 0.005	0.849± 0.080	0.500± 0.023	0.550± 0.034
10000 ppm	5	25.0± 1.0	0.137± 0.035*	0.036± 0.008	0.844± 0.080	0.491± 0.034	0.580± 0.030
20000 ppm	5	17.2± 2.3**	0.058± 0.017**	0.051± 0.013*	1.044± 0.068**	0.598± 0.053*	0.704± 0.081**

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

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: %

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

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	1.529± 0.043	0.218± 0.010	5.257± 0.437	1.702± 0.081
1250 ppm	5	1.524± 0.097	0.227± 0.013	5.354± 0.362	1.745± 0.097
2500 ppm	5	1.693± 0.348	0.247± 0.036	5.430± 0.275	1.737± 0.081
5000 ppm	5	1.478± 0.034	0.228± 0.008	5.879± 0.437	1.739± 0.058
10000 ppm	5	1.460± 0.082	0.212± 0.021	6.356± 0.269**	1.800± 0.036
20000 ppm	5	1.421± 0.055*	0.136± 0.028*	6.733± 1.495*	2.533± 0.363**

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

TABLE H 2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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	20.6± 0.9	0.366± 0.052	0.053± 0.007	0.114± 0.012	0.566± 0.045	0.651± 0.053
1250 ppm	5	20.4± 1.5	0.332± 0.109	0.050± 0.004	0.120± 0.012	0.569± 0.026	0.644± 0.034
2500 ppm	5	21.3± 0.8	0.327± 0.018	0.056± 0.015	0.129± 0.007	0.547± 0.061	0.600± 0.048
5000 ppm	5	20.6± 0.7	0.326± 0.040	0.053± 0.006	0.120± 0.011	0.529± 0.024	0.617± 0.019
10000 ppm	5	19.7± 0.7	0.295± 0.049	0.059± 0.009	0.118± 0.022	0.521± 0.031	0.625± 0.035
20000 ppm	2	13.2± 2.9 ?	0.061± 0.003 ?	0.074± 0.011 ?	0.089± 0.014 ?	0.631± 0.102 ?	0.796± 0.111 ?

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

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

STUDY NO. : 0710
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

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

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	1.867± 1.232	0.366± 0.126	4.855± 0.215	2.203± 0.101
1250 ppm	5	1.783± 1.055	0.382± 0.110	4.971± 0.345	2.213± 0.150
2500 ppm	5	1.260± 0.088	0.353± 0.039	4.811± 0.286	2.124± 0.084
5000 ppm	5	1.218± 0.038**	0.317± 0.024	5.034± 0.294	2.176± 0.067
10000 ppm	5	1.224± 0.046*	0.295± 0.033	5.923± 0.411**	2.248± 0.068
20000 ppm	2	1.377± 0.040 ?	0.142± 0.060 ?	6.261± 1.223 ?	3.231± 0.680 ?

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

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