メタクリル酸 2,3-エポキシプロピルのマウスを
用いた吸入による 2 週間毒性試験報告書

試験番号：0758

TABLES

TABLES

TABLES (CONTINUED)

TABLE A

CONCENTRATIONS OF 2,3-EPOXYPROPYL METHACRYLATE IN THE INHALATION CHAMBER OF THE 2-WEEK INHALATION STUDY

CONCENTRATIONS OF 2,3-EPOXYPROPYL METHACRYLATE IN THE INHALATION CHAMBER OF THE 2-WEEK INHALATION STUDY

Group Name	Concentration(ppm) Mean ± S.D.
Control	0.0 ± 0.0
5 ppm	4.9 ± 0.2
10 ppm	10.0 ± 0.2
20 ppm	19.8 ± 0.2
40 ppm	39.5 ± 0.6
80 ppm	80.0 ± 0.6

TABLE B1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0758
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
5ppm	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
10ppm	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
20ppm	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
40ppm	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
80ppm	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	4/ 5	2/ 5	1/ 5	1/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	80.0	40.0	20.0	20.0

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

STUDY NO. : 0758
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
5ppm	5	5/ 5 100.0
10ppm	5	5/ 5 100.0
20ppm	5	5/ 5 100.0
40ppm	5	5/ 5 100.0
80ppm	5	1/ 5 20.0

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

TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0758
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
5ppm	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
10ppm	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
20ppm	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
40ppm	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
80ppm	5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	5/ 5	3/ 5	1/ 5	1/ 5	1/ 5
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	60.0	20.0	20.0	20.0

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

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 2
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Days) 2-7
Control	5	5/ 5 100.0
5ppm	5	5/ 5 100.0
10ppm	5	5/ 5 100.0
20ppm	5	5/ 5 100.0
40ppm	5	5/ 5 100.0
80ppm	5	1/ 5 20.0

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

TABLE C1

CLINICAL OBSERVATION : MALE

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Administration Week-day 1-2 A	1-2 B	1-3 B	1-4 A	1-6 B	1-7 A	2-1 B	2-2 B	2-3 A	2-3 B	2-4 A	2-5 A	2-6 B	2-7 A
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	0	1	1	3	4	4	4
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	1	0	4	1	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	0	0	4	2	1	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	0	0	3	1	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	1	1	5	5	5	5	5	0	5	1
	80ppm	0	5	5	5	5	5	5	5	4	4	2	0	1	1
DYSPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0

Clinical sign	Group Name	Administration Week-day 2-7 B
DEATH	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	4
LOCOMOTOR MOVEMENT DECR	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1
PILOERECTION	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1
FROG BELLY	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	0
CORNEAL OPACITY	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	1
	80ppm	1
DYSPNEA	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	0

Clinical sign	Group Name	Administration Week-day 1-2 A	1-2 B	1-3 B	1-4 A	1-6 B	1-7 A	2-1 B	2-2 B	2-3 A	2-3 B	2-4 A	2-5 A	2-6 B	2-7 A
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	5	5	5	5	0
	80ppm	0	0	5	3	5	5	5	4	4	4	2	1	1	1
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	80ppm	0	0	0	0	0	0	0	1	0	0	0	1	1	1
NOISY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	5	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	0	0	4	1	0	0	0

Clinical sign	Group Name	Administration Week-day 2-7 B
IRREGULAR BREATHING	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1
RESPIRATORY SOUND ABNOR	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1
NOISY	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	0
SUBNORMAL TEMP	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1

TABLE C2

CLINICAL OBSERVATION : FEMALE

Clinical sign	Group Name	Administration Week-day 1-2 A	1-2 B	1-3 B	1-4 A	1-6 B	1-7 A	2-1 B	2-2 B	2-3 A	2-3 B	2-4 A	2-5 A	2-6 B	2-7 A
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	0	2	2	4	4	4	4
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	2	0	3	0	1	1	1
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	0	0	3	1	1	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	1
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	1	1	1	1	5	5	4	5	5	0	5	3
	80ppm	1	5	5	5	5	5	5	5	3	3	1	0	1	1
DYSPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	2	3	2	1	0	0	0	0

Clinical sign	Group Name	Administration Week-day 2-7 B
DEATH	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	4
LOCOMOTOR MOVEMENT DECR	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1
PILOERECTION	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1
FROG BELLY	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1
CORNEAL OPACITY	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	4
	80ppm	1
DYSPNEA	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1

Clinical sign	Group Name	Administration Week-day 1-2 A	1-2 B	1-3 B	1-4 A	1-6 B	1-7 A	2-1 B	2-2 B	2-3 A	2-3 B	2-4 A	2-5 A	2-6 B	2-7 A
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	5	5	5	5	0
	80ppm	0	0	5	3	5	5	5	3	1	2	1	1	1	1
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	2	2	0
	80ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
NOISY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	3	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	0	0	3	0	1	1	1

Clinical sign	Group Name	Administration Week-day 2-7 B
IRREGULAR BREATHING	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	1
	80ppm	1
RESPIRATORY SOUND ABNOR	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	1
	80ppm	1
NOISY	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	0
SUBNORMAL TEMP	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1

TABLE D1

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0758
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>	5ppm Av.Wt.	5ppm % of cont. <5>	5ppm No.of Surviv.	10ppm Av.Wt.	10ppm % of cont. <5>	10ppm No.of Surviv.	20ppm Av.Wt.	20ppm % of cont. <5>	20ppm No.of Surviv.	40ppm Av.Wt.	40ppm % of cont. <5>	40ppm No.of Surviv.	80ppm Av.Wt.	80ppm % of cont. <5>	80ppm No.of Surviv.
0-0	23.2 (5)	5/ 5	23.2 (5)	100	5/ 5	23.2 (5)	100	5/ 5	23.2 (5)	100	5/ 5	23.2 (5)	100	5/ 5	23.2 (5)	100	5/ 5
1-2	23.3 (5)	5/ 5	23.2 (5)	100	5/ 5	23.2 (5)	100	5/ 5	22.8 (5)	98	5/ 5	23.0 (5)	99	5/ 5	21.3 (5)	91	5/ 5
1-4	24.0 (5)	5/ 5	23.8 (5)	99	5/ 5	23.8 (5)	99	5/ 5	23.1 (5)	96	5/ 5	22.2 (5)	93	5/ 5	19.7 (5)	82	5/ 5
1-7	24.3 (5)	5/ 5	24.0 (5)	99	5/ 5	24.1 (5)	99	5/ 5	23.5 (5)	97	5/ 5	22.5 (5)	93	5/ 5	17.3 (5)	71	5/ 5
2-3	24.5 (5)	5/ 5	24.3 (5)	99	5/ 5	24.7 (5)	101	5/ 5	24.1 (5)	98	5/ 5	21.0 (5)	86	5/ 5	14.6 (4)	60	4/ 5
2-7	25.4 (5)	5/ 5	25.0 (5)	98	5/ 5	24.9 (5)	98	5/ 5	24.5 (5)	96	5/ 5	21.7 (5)	85	5/ 5	13.9 (1)	55	1/ 5

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

TABLE D2

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0758
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>	5ppm Av.Wt.	5ppm % of cont. <5>	5ppm No. of Surviv.	10ppm Av.Wt.	10ppm % of cont. <5>	10ppm No. of Surviv.	20ppm Av.Wt.	20ppm % of cont. <5>	20ppm No. of Surviv.	40ppm Av.Wt.	40ppm % of cont. <5>	40ppm No. of Surviv.	80ppm Av.Wt.	80ppm % of cont. <5>	80ppm No. of Surviv.
0-0	18.9 (5)	5/ 5	18.8 (5)	99	5/ 5	18.9 (5)	100	5/ 5	18.9 (5)	100	5/ 5	18.9 (5)	100	5/ 5	18.9 (5)	100	5/ 5
1-2	18.4 (5)	5/ 5	18.6 (5)	101	5/ 5	18.1 (5)	98	5/ 5	18.2 (5)	99	5/ 5	18.0 (5)	98	5/ 5	17.3 (5)	94	5/ 5
1-4	18.7 (5)	5/ 5	19.1 (5)	102	5/ 5	18.6 (5)	99	5/ 5	19.0 (5)	102	5/ 5	17.9 (5)	96	5/ 5	16.4 (5)	88	5/ 5
1-7	19.1 (5)	5/ 5	20.0 (5)	105	5/ 5	18.6 (5)	97	5/ 5	19.1 (5)	100	5/ 5	17.9 (5)	94	5/ 5	14.4 (5)	75	5/ 5
2-3	19.8 (5)	5/ 5	20.0 (5)	101	5/ 5	20.2 (5)	102	5/ 5	20.0 (5)	101	5/ 5	16.3 (5)	82	5/ 5	12.4 (3)	63	3/ 5
2-7	20.4 (5)	5/ 5	20.8 (5)	102	5/ 5	20.8 (5)	102	5/ 5	20.0 (5)	98	5/ 5	17.7 (5)	87	5/ 5	11.9 (1)	58	1/ 5

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

TABLE D3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0758
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	1-2	1-4	1-7	2-3	2-7
Control	23.2± 0.8	23.3± 0.7	24.0± 0.7	24.3± 0.7	24.5± 0.8	25.4± 0.9
5ppm	23.2± 0.9	23.2± 1.0	23.8± 0.8	24.0± 0.8	24.3± 1.1	25.0± 0.7
10ppm	23.2± 1.0	23.2± 0.7	23.8± 0.8	24.1± 1.1	24.7± 0.7	24.9± 1.1
20ppm	23.2± 0.9	22.8± 0.8	23.1± 0.8	23.5± 0.8	24.1± 0.9	24.5± 0.9
40ppm	23.2± 0.9	23.0± 1.0	22.2± 0.8**	22.5± 0.9*	21.0± 1.1**	21.7± 1.2**
80ppm	23.2± 1.0	21.3± 0.8**	19.7± 0.9**	17.3± 1.0**	14.6± 0.4**	13.9 ?

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 D4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0758
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	1-2	1-4	1-7	2-3	2-7
Control	18.9± 0.9	18.4± 0.6	18.7± 0.8	19.1± 0.4	19.8± 1.4	20.4± 0.9
5ppm	18.8± 0.9	18.6± 0.9	19.1± 0.8	20.0± 1.0	20.0± 0.5	20.8± 0.8
10ppm	18.9± 0.9	18.1± 1.1	18.6± 0.5	18.6± 0.9	20.2± 1.1	20.8± 1.0
20ppm	18.9± 1.0	18.2± 0.5	19.0± 0.9	19.1± 1.2	20.0± 0.7	20.0± 1.1
40ppm	18.9± 0.8	18.0± 0.8	17.9± 0.7	17.9± 0.6	16.3± 0.8**	17.7± 0.6**
80ppm	18.9± 0.9	17.3± 0.7	16.4± 0.9**	14.4± 0.8**	12.4± 0.8**	11.9 ?

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 E1

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0758
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>	5ppm Av. FC.	5ppm % of cont. <5>	5ppm No. of Surviv.	10ppm Av. FC.	10ppm % of cont. <5>	10ppm No. of Surviv.	20ppm Av. FC.	20ppm % of cont. <5>	20ppm No. of Surviv.	40ppm Av. FC.	40ppm % of cont. <5>	40ppm No. of Surviv.	80ppm Av. FC.	80ppm % of cont. <5>	80ppm No. of Surviv.
1-7	4.7 (5)	5/ 5	4.4 (5)	94	5/ 5	4.5 (5)	96	5/ 5	4.2 (5)	89	5/ 5	3.8 (5)	81	5/ 5	2.4 (5)	51	5/ 5
2-7	4.2 (5)	5/ 5	4.3 (5)	102	5/ 5	4.2 (5)	100	5/ 5	4.1 (5)	98	5/ 5	3.2 (5)	76	5/ 5	2.2 (1)	52	1/ 5

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

TABLE E2

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0758
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>	5ppm Av. FC.	5ppm % of cont. <5>	5ppm No. of Surviv.	10ppm Av. FC.	10ppm % of cont. <5>	10ppm No. of Surviv.	20ppm Av. FC.	20ppm % of cont. <5>	20ppm No. of Surviv.	40ppm Av. FC.	40ppm % of cont. <5>	40ppm No. of Surviv.	80ppm Av. FC.	80ppm % of cont. <5>	80ppm No. of Surviv.
1-7	3.7 (5)	5/ 5	3.9 (5)	105	5/ 5	3.6 (5)	97	5/ 5	3.7 (5)	100	5/ 5	3.1 (5)	84	5/ 5	2.3 (5)	62	5/ 5
2-7	3.9 (5)	5/ 5	4.0 (5)	103	5/ 5	4.0 (5)	103	5/ 5	3.8 (5)	97	5/ 5	2.9 (5)	74	5/ 5	1.4 (1)	36	1/ 5

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

TABLE E3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 2
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration 1-7(6)	week-day(effective) 2-7(7)
Control	4.7± 0.2	4.2± 0.3
5ppm	4.4± 0.3	4.3± 0.2
10ppm	4.5± 0.3	4.2± 0.2
20ppm	4.2± 0.2	4.1± 0.2
40ppm	3.8± 0.1**	3.2± 0.3**
80ppm	2.4± 0.6**	2.2 ?

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 E4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0758
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) 1-7(6)	2-7(7)
Control	3.7± 0.3	3.9± 0.2
5ppm	3.9± 0.3	4.0± 0.2
10ppm	3.6± 0.2	4.0± 0.2
20ppm	3.7± 0.2	3.8± 0.3
40ppm	3.1± 0.3**	2.9± 0.1**
80ppm	2.3± 0.2**	1.4 ?

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 F1

HEMATOLOGY : MALE

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (3W)

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	11.53± 0.13	17.3± 0.2	55.9± 1.3	48.5± 0.9	15.0± 0.1	31.0± 0.7	1102± 49
5ppm	5	11.46± 0.24	17.0± 0.3	55.8± 1.3	48.8± 0.3	14.8± 0.2*	30.3± 0.6	1158± 111
10ppm	5	11.42± 0.35	17.0± 0.4	55.2± 1.3	48.4± 0.4	14.9± 0.1	30.8± 0.2	1128± 25
20ppm	5	11.32± 0.09	16.8± 0.2	54.6± 1.0	48.1± 1.1	14.8± 0.1*	30.7± 0.6	1117± 53
40ppm	5	11.28± 0.26	16.7± 0.4	53.9± 1.1	47.8± 1.0	14.8± 0.1	31.0± 0.7	1030± 73
80ppm	0	-	-	-	-	-	-	-

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

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (3W)

Group Name	NO. of Animals	RETICULOCYTE %
Control	5	1.9± 0.2
5ppm	5	1.8± 0.2
10ppm	5	1.8± 0.2
20ppm	5	2.0± 0.2
40ppm	5	2.1± 0.1
80ppm	0	-

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

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (3W)

Group Name	NO. of Animals	WBC $10^3/\mu\ell$	Differential WBC (%) NEUTRO	LYMPHO	MONO	EOSINO	BASO	OTHER
Control	5	2.09± 0.83	12± 2	82± 4	2± 0	3± 2	1± 1	2± 2
5ppm	5	2.23± 0.87	12± 2	81± 6	2± 2	3± 2	0± 1	2± 1
10ppm	5	1.74± 0.82	14± 3	81± 2	1± 1	3± 1	0± 1	1± 1
20ppm	5	2.50± 1.34	11± 3	84± 6	1± 0	3± 2	0± 0	2± 2
40ppm	5	1.54± 0.65	12± 5	82± 8	1± 1	3± 3	1± 1	2± 1
80ppm	0	-	-	-	-	-	-	-

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

TABLE F2

HEMATOLOGY : FEMALE

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (3W)

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	11.42± 0.10	17.3± 0.2	55.1± 0.6	48.2± 0.7	15.1± 0.2	31.4± 0.3	1031± 95
5ppm	5	11.22± 0.30	16.8± 0.4	53.7± 1.5	47.8± 1.1	15.0± 0.2	31.5± 0.4	995± 25
10ppm	5	11.33± 0.44	17.0± 0.8	54.2± 1.8	47.8± 0.4	15.0± 0.2	31.3± 0.5	996± 18
20ppm	5	11.24± 0.25	16.8± 0.4	52.9± 1.0*	47.1± 0.3*	14.9± 0.2	31.7± 0.2	995± 39
40ppm	5	11.03± 0.33	16.4± 0.5	51.8± 1.3**	47.0± 0.5*	14.8± 0.2	31.5± 0.4	956± 45
80ppm	0	-	-	-	-	-	-	-

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

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (3W)

Group Name	NO. of Animals	RETICULOCYTE %
Control	5	2.1± 0.3
5ppm	5	2.4± 0.5
10ppm	5	1.8± 0.3
20ppm	5	2.0± 0.3
40ppm	5	2.4± 0.3
80ppm	0	-

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

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (3W)

Group Name	NO. of Animals	WBC $10^3/\mu\ell$		Differential WBC (%) NEUTRO		LYMPHO		MONO		EOSINO		BASO		OTHER	
Control	5	2.10±	1.29	12±	2	83±	4	1±	0	1±	1	1±	1	3±	3
5ppm	5	2.28±	1.49	12±	3	82±	2	1±	0	2±	2	0±	1	2±	2
10ppm	5	2.73±	1.64	12±	2	84±	3	1±	0	2±	1	0±	1	2±	1
20ppm	5	2.39±	1.56	13±	5	82±	6	1±	1	1±	1	0±	0	2±	1
40ppm	5	1.56±	0.68	12±	4	82±	6	2±	1	2±	1	0±	0	2±	2
80ppm	0	-		-		-		-		-		-		-	

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

TABLE G1

BIOCHEMISTRY · MALE

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (3W)

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	5	5.4± 0.2	2.9± 0.2	1.2± 0.1	0.12± 0.01	231± 29	95± 10	39± 13
5ppm	5	5.4± 0.2	2.9± 0.1	1.2± 0.0	0.11± 0.01	210± 29	93± 7	35± 13
10ppm	5	5.4± 0.1	2.9± 0.0	1.2± 0.1	0.11± 0.01	229± 16	93± 12	33± 9
20ppm	5	5.2± 0.1	2.8± 0.0	1.2± 0.1	0.11± 0.01	221± 26	93± 10	34± 9
40ppm	5	5.1± 0.1*	2.8± 0.1	1.2± 0.1	0.14± 0.00**	182± 27*	83± 6	16± 5**
80ppm	0	-	-	-	-	-	-	-

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

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (3W)

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	5	200± 17	37± 4	15± 1	144± 37	417± 28	0± 1	77± 19
5ppm	5	192± 15	38± 2	15± 1	125± 30	434± 26	1± 1	58± 11
10ppm	5	194± 21	39± 2	16± 2	123± 15	441± 43	0± 1	58± 16
20ppm	5	191± 22	37± 3	15± 2	114± 13	429± 27	1± 1	53± 6
40ppm	5	147± 10**	39± 4	20± 6	153± 96	396± 36	1± 0	55± 12
80ppm	0	-	-	-	-	-	-	-

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

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (3W)

Group Name	NO. of Animals	UREA NITROGEN mg/dl	SODIUM mEq/ℓ	POTASSIUM mEq/ℓ	CHLORIDE mEq/ℓ	CALCIUM mg/dl	INORGANIC PHOSPHORUS mg/dl
Control	5	26.2± 4.3	151± 2	4.6± 0.4	117± 2	8.9± 0.3	7.5± 0.5
5ppm	5	24.2± 2.0	151± 1	4.4± 0.4	118± 1	9.0± 0.2	7.4± 0.6
10ppm	5	24.5± 2.7	150± 1	4.3± 0.2	117± 1	9.0± 0.2	7.4± 1.6
20ppm	5	23.9± 3.3	151± 1	4.4± 0.3	118± 0	8.8± 0.3	7.4± 0.8
40ppm	5	20.1± 3.5	151± 1	4.6± 0.2	116± 1	8.9± 0.1	7.3± 0.8
80ppm	0	-	-	-	-	-	-

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

TABLE G2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (3W)

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	5	5.4± 0.1	3.2± 0.1	1.5± 0.1	0.11± 0.01	188± 19	74± 9	22± 8
5ppm	5	5.4± 0.2	3.3± 0.1	1.5± 0.0	0.11± 0.00	186± 22	75± 7	21± 7
10ppm	5	5.4± 0.1	3.2± 0.1	1.5± 0.1	0.11± 0.01	188± 23	73± 7	23± 7
20ppm	5	5.2± 0.1	3.1± 0.1	1.5± 0.0	0.12± 0.01	179± 15	76± 8	24± 7
40ppm	5	5.2± 0.1	3.0± 0.1*	1.4± 0.1	0.13± 0.01	167± 22	75± 7	15± 7
80ppm	0	-	-	-	-	-	-	-

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

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (3W)

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	5	155± 23	45± 4	15± 1	130± 13	589± 51	1± 0	63± 8
5ppm	5	157± 13	50± 6	16± 1	160± 32	592± 53	1± 1	105± 52
10ppm	5	152± 18	43± 4	16± 1	155± 66	568± 68	0± 0	72± 14
20ppm	5	154± 21	49± 7	19± 1*	170± 45	575± 77	0± 1	83± 24
40ppm	5	124± 16	52± 5	23± 2**	181± 58	539± 69	0± 0	64± 24
80ppm	0	-	-	-	-	-	-	-

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

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (3W)

Group Name	NO. of Animals	UREA NITROGEN mg/dl	SODIUM mEq/ℓ	POTASSIUM mEq/ℓ	CHLORIDE mEq/ℓ	CALCIUM mg/dl	INORGANIC PHOSPHORUS mg/dl
Control	5	22.4± 2.5	150± 1	4.5± 0.4	118± 2	8.9± 0.1	6.8± 0.9
5ppm	5	24.1± 1.6	150± 1	4.5± 0.5	118± 2	8.8± 0.2	6.6± 0.9
10ppm	5	22.3± 2.1	150± 1	4.6± 0.2	118± 1	8.8± 0.2	6.4± 0.6
20ppm	5	21.6± 3.0	150± 1	4.4± 0.4	118± 1	8.8± 0.1	6.9± 1.3
40ppm	5	20.5± 2.1	151± 2	4.5± 0.3	116± 1	9.0± 0.2	7.8± 1.4
80ppm	0	-	-	-	-	-	-

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

TABLE H1

GROSS FINDINGS : MALE

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 3W)

Organ	Findings	Group Name / NO. of Animals	Control 5 (%)	5ppm 5 (%)	10ppm 5 (%)	20ppm 5 (%)
thymus	atrophic		0 (0)	0 (0)	0 (0)	0 (0)
spleen	black zone		0 (0)	1 (20)	0 (0)	1 (20)
stomach	gas		0 (0)	0 (0)	0 (0)	0 (0)
small intes	gas		0 (0)	0 (0)	0 (0)	0 (0)
large intes	gas		0 (0)	0 (0)	0 (0)	0 (0)
eye	turbid		0 (0)	0 (0)	0 (0)	0 (0)

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 3W)

Organ	Findings	Group Name / NO. of Animals	40ppm 5 (%)	80ppm 5 (%)
thymus	atrophic		0 (0)	5 (100)
spleen	black zone		0 (0)	0 (0)
stomach	gas		0 (0)	4 (80)
small intes	gas		0 (0)	4 (80)
large intes	gas		0 (0)	4 (80)
eye	turbid		0 (0)	1 (20)

TABLE H2

GROSS FINDINGS : FEMALE

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 3W)

Organ	Findings	Group Name / NO. of Animals	Control 5 (%)	5ppm 5 (%)	10ppm 5 (%)	20ppm 5 (%)
thymus	atrophic		0 (0)	0 (0)	0 (0)	0 (0)
stomach	gas		0 (0)	0 (0)	0 (0)	0 (0)
small intes	gas		0 (0)	0 (0)	0 (0)	0 (0)
large intes	gas		0 (0)	0 (0)	0 (0)	0 (0)
eye	turbid		0 (0)	0 (0)	0 (0)	0 (0)

Organ	Findings	Group Name / NO. of Animals	40ppm 5	(%)	80ppm 5	(%)
thymus	atrophic		0	(0)	5	(100)
stomach	gas		0	(0)	4	(80)
small intes	gas		0	(0)	5	(100)
large intes	gas		0	(0)	3	(60)
eye	turbid		0	(0)	1	(20)

TABLE I1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	Body Weight	THYMUS	ADRENALS	TESTES	HEART	LUNGS
Control	5	21.6± 0.7	0.043± 0.005	0.013± 0.003	0.173± 0.048	0.127± 0.010	0.131± 0.008
5ppm	5	21.1± 0.6	0.044± 0.003	0.013± 0.002	0.178± 0.012	0.123± 0.008	0.129± 0.003
10ppm	5	21.0± 1.2	0.046± 0.007	0.012± 0.002	0.198± 0.015	0.120± 0.004	0.127± 0.006
20ppm	5	20.8± 0.6	0.045± 0.002	0.010± 0.001	0.189± 0.022	0.113± 0.005*	0.126± 0.006
40ppm	5	18.2± 0.8**	0.025± 0.003**	0.011± 0.002	0.168± 0.026	0.110± 0.008**	0.123± 0.007
80ppm	0	-	-	-	-	-	-

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

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	0.334± 0.018	0.041± 0.003	0.893± 0.070	0.424± 0.014
5ppm	5	0.337± 0.004	0.043± 0.002	0.897± 0.032	0.427± 0.006
10ppm	5	0.327± 0.014	0.044± 0.007	0.897± 0.056	0.419± 0.005
20ppm	5	0.327± 0.006	0.042± 0.001	0.883± 0.029	0.416± 0.014
40ppm	5	0.305± 0.013**	0.034± 0.005	0.737± 0.042**	0.409± 0.021
80ppm	0	-	-	-	-

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

TABLE I2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	Body Weight	THYMUS	ADRENALS	OVARIES	HEART	LUNGS
Control	5	16.8± 0.8	0.058± 0.007	0.014± 0.001	0.023± 0.004	0.105± 0.009	0.114± 0.010
5ppm	5	16.9± 0.5	0.053± 0.005	0.013± 0.001	0.022± 0.003	0.104± 0.003	0.119± 0.009
10ppm	5	16.8± 0.9	0.055± 0.002	0.014± 0.001	0.023± 0.005	0.102± 0.007	0.121± 0.008
20ppm	5	16.6± 1.0	0.056± 0.006	0.015± 0.002	0.029± 0.011	0.102± 0.004	0.118± 0.009
40ppm	5	14.3± 0.5**	0.025± 0.005**	0.013± 0.001	0.019± 0.003	0.090± 0.002**	0.110± 0.005
80ppm	0	-	-	-	-	-	-

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

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	0.246± 0.008	0.044± 0.003	0.718± 0.045	0.426± 0.011
5ppm	5	0.252± 0.008	0.045± 0.003	0.730± 0.036	0.432± 0.014
10ppm	5	0.252± 0.010	0.049± 0.011	0.722± 0.061	0.418± 0.010
20ppm	5	0.243± 0.009	0.046± 0.004	0.693± 0.041	0.421± 0.015
40ppm	5	0.229± 0.005*	0.028± 0.003*	0.607± 0.035**	0.402± 0.015*
80ppm	0	-	-	-	-

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

TABLE J1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	TESTES	HEART	LUNGS
Control	5	21.6± 0.7	0.198± 0.027	0.060± 0.013	0.805± 0.228	0.588± 0.047	0.606± 0.037
5ppm	5	21.1± 0.6	0.207± 0.017	0.063± 0.009	0.844± 0.067	0.584± 0.034	0.612± 0.014
10ppm	5	21.0± 1.2	0.218± 0.033	0.057± 0.011	0.941± 0.071	0.573± 0.023	0.603± 0.012
20ppm	5	20.8± 0.6	0.215± 0.013	0.049± 0.006	0.907± 0.117	0.542± 0.035	0.604± 0.046
40ppm	5	18.2± 0.8**	0.136± 0.013**	0.062± 0.016	0.926± 0.150	0.607± 0.051	0.679± 0.041**
80ppm	0	-	-	-	-	-	-

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

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	1.550± 0.100	0.191± 0.020	4.138± 0.251	1.969± 0.076
5ppm	5	1.596± 0.055	0.203± 0.009	4.247± 0.117	2.021± 0.040
10ppm	5	1.554± 0.041	0.210± 0.024	4.261± 0.052	1.996± 0.124
20ppm	5	1.569± 0.038	0.202± 0.006	4.242± 0.051	2.001± 0.121
40ppm	5	1.678± 0.041*	0.189± 0.020	4.060± 0.163	2.253± 0.152**
80ppm	0	-	-	-	-

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

TABLE J2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	OVARIES	HEART	LUNGS
Control	5	16.8± 0.8	0.347± 0.034	0.081± 0.008	0.134± 0.022	0.624± 0.033	0.681± 0.041
5ppm	5	16.9± 0.5	0.316± 0.031	0.078± 0.006	0.128± 0.020	0.614± 0.007	0.705± 0.064
10ppm	5	16.8± 0.9	0.330± 0.014	0.086± 0.007	0.135± 0.025	0.608± 0.034	0.721± 0.057
20ppm	5	16.6± 1.0	0.338± 0.039	0.088± 0.013	0.173± 0.063	0.617± 0.037	0.713± 0.024
40ppm	5	14.3± 0.5**	0.174± 0.032**	0.091± 0.010	0.136± 0.015	0.630± 0.028	0.774± 0.057
80ppm	0	-	-	-	-	-	-

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

STUDY NO. : 0758
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (3W)

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	1.467± 0.033	0.260± 0.008	4.279± 0.132	2.539± 0.077
5ppm	5	1.495± 0.019	0.269± 0.020	4.321± 0.112	2.558± 0.008
10ppm	5	1.506± 0.052	0.294± 0.062	4.303± 0.228	2.496± 0.136
20ppm	5	1.470± 0.057	0.275± 0.018	4.185± 0.151	2.542± 0.077
40ppm	5	1.602± 0.032**	0.194± 0.016*	4.242± 0.199	2.816± 0.141*
80ppm	0	-	-	-	-

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

TABLE K1

HISTOPATHOLOGICAL FINDINGS :

NON-NEOPLASTIC LESIONS : MALE

Organ	Findings	Group Name / No. of Animals on Study / Grade	Control 5 1 (%)	Control 5 2 (%)	Control 5 3 (%)	Control 5 4 (%)	5ppm 5 1 (%)	5ppm 5 2 (%)	5ppm 5 3 (%)	5ppm 5 4 (%)	10ppm 5 1 (%)	10ppm 5 2 (%)	10ppm 5 3 (%)	10ppm 5 4 (%)	20ppm 5 1 (%)	20ppm 5 2 (%)	20ppm 5 3 (%)	20ppm 5 4 (%)
{Respiratory system}																		
nasal cavit			< 5>				< 5>				< 5>				< 5>			
	polyp		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)
	disarrangement: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)	5 (100)	0 (0)	0 (0)	0 (0)
	respiratory 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)	1 (20)	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)
	necrosis:respiratory 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)
	hyperplasia:respiratory 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)
{Special sense organs/appendage}																		
eye			< 5>				< 5>				< 5>				< 5>			
	erosion:cornea		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
< a > a : Number of animals examined at the site
b b : Number of animals with lesion
(c) c : b / a * 100

Organ	Findings	Group Name	40ppm				80ppm			
		No. of Animals on Study	5				5			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}										
nasal cavit			< 5>				< 5>			
	polyp		2	0	0	0	4	0	0	0
			(40)	(0)	(0)	(0)	(80)	(0)	(0)	(0)
	disarrangement:olfactory epithelium		5	0	0	0	5	0	0	0
			(100)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	respiratory metaplasia:olfactory epithelium		4	0	0	0	5	0	0	0
			(80)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	atrophy:olfactory epithelium		3	2	0	0	0	5	0	0
			(60)	(40)	(0)	(0)	(0)	(100)	(0)	(0)
	necrosis:olfactory epithelium		3	0	0	0	3	0	0	0
			(60)	(0)	(0)	(0)	(60)	(0)	(0)	(0)
	necrosis:respiratory epithelium		2	0	0	0	4	0	0	0
			(40)	(0)	(0)	(0)	(80)	(0)	(0)	(0)
	hyperplasia:respiratory epithelium		0	0	0	0	4	0	0	0
			(0)	(0)	(0)	(0)	(80)	(0)	(0)	(0)
{Special sense organs/appendage}										
eye			< 5>				< 5>			
	erosion:cornea		0	0	0	0	1	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

TABLE K2

HISTOPATHOLOGICAL FINDINGS :

NON-NEOPLASTIC LESIONS : FEMALE

Organ	Findings	Group Name	Control				5ppm				10ppm				20ppm			
		No. of Animals on Study	5				5				5				5			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
nasal cavit			< 5>				< 5>				< 5>				< 5>			
	polyp		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)
	disarrangement:olfactory epithelium		0	0	0	0	0	0	0	0	1	0	0	0	5	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	respiratory metaplasia:olfactory epithelium		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)	(20)	(0)	(0)	(0)
	atrophy:olfactory epithelium		0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(60)	(0)	(0)	(0)
	necrosis:olfactory epithelium		0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	necrosis:respiratory 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)
	hyperplasia:respiratory 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)
{Special sense organs/appendage}																		
eye			< 5>				< 5>				< 5>				< 5>			
	erosion:cornea		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
< a > a : Number of animals examined at the site
b b : Number of animals with lesion
(c) c : b / a * 100

Organ	Findings	Group Name	40ppm				80ppm			
		No. of Animals on Study	5				5			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}										
nasal cavit			< 5>				< 5>			
	polyp		2	0	0	0	4	0	0	0
			(40)	(0)	(0)	(0)	(80)	(0)	(0)	(0)
	disarrangement:olfactory epithelium		5	0	0	0	3	0	0	0
			(100)	(0)	(0)	(0)	(60)	(0)	(0)	(0)
	respiratory metaplasia:olfactory epithelium		3	0	0	0	2	0	0	0
			(60)	(0)	(0)	(0)	(40)	(0)	(0)	(0)
	atrophy:olfactory epithelium		1	4	0	0	0	2	3	0
			(20)	(80)	(0)	(0)	(0)	(40)	(60)	(0)
	necrosis:olfactory epithelium		1	0	0	0	5	0	0	0
			(20)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	necrosis:respiratory epithelium		3	0	0	0	3	0	0	0
			(60)	(0)	(0)	(0)	(60)	(0)	(0)	(0)
	hyperplasia:respiratory epithelium		0	0	0	0	2	0	0	0
			(0)	(0)	(0)	(0)	(40)	(0)	(0)	(0)
{Special sense organs/appendage}										
eye			< 5>				< 5>			
	erosion:cornea		0	0	0	0	1	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