エチレングリコールモノエチルエーテルアセテート
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：0736

TABLES

TABLES

TABLES (CONTINUED)

TABLE A

CONCENTRATIONS OF ETHYLENE GLYCOL MONOETHYL ETHER ACETATE IN THE INHALATION CHAMBER OF THE 2-WEEK INHALATION STUDY

CONCENTRATIONS OF ETHYLENE GLYCOL MONOETHYL ETHER ACETATE IN THE INHALATION CHAMBER OF THE 2-WEEK INHALATION STUDY

Group Name	Concentration(ppm) Mean ± S.D.
Control	0.0 ± 0.0
50 ppm	50.6 ± 0.4
100 ppm	100.6 ± 0.6
200 ppm	201.7 ± 0.8
400 ppm	403.0 ± 2.7
800 ppm	801.7 ± 2.3

TABLE B1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0736
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
50ppm	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
100ppm	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
200ppm	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
400ppm	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
800ppm	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. : 0736
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
50ppm	5	5/ 5 100.0
100ppm	5	5/ 5 100.0
200ppm	5	5/ 5 100.0
400ppm	5	5/ 5 100.0
800ppm	5	5/ 5 100.0

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

TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0736
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
50ppm	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
100ppm	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
200ppm	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
400ppm	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
800ppm	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(%)

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Days) 2-7
Control	5	5/ 5 100.0
50ppm	5	5/ 5 100.0
100ppm	5	5/ 5 100.0
200ppm	5	5/ 5 100.0
400ppm	5	5/ 5 100.0
800ppm	5	5/ 5 100.0

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

TABLE C1

CLINICAL OBSERVATION : MALE

STUDY NO. : 0736
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	1-4	1-7	2-3	2-7
NON REMARKABLE	Control	5	5	5	5	5
	50ppm	5	5	5	5	5
	100ppm	5	5	5	5	5
	200ppm	5	5	5	5	5
	400ppm	5	5	5	5	5
	800ppm	5	5	5	5	5

TABLE C2

CLINICAL OBSERVATION : FEMALE

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

Clinical sign	Group Name	Administration Week-day 1-2	1-4	1-7	2-3	2-7
NON REMARKABLE	Control	5	5	5	5	5
	50ppm	5	5	5	5	5
	100ppm	5	5	5	5	5
	200ppm	5	5	5	5	5
	400ppm	5	5	5	5	5
	800ppm	5	5	5	5	5

TABLE D1

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0736
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>	50ppm Av. Wt.	50ppm % of cont. <5>	50ppm No. of Surviv.	100ppm Av. Wt.	100ppm % of cont. <5>	100ppm No. of Surviv.	200ppm Av. Wt.	200ppm % of cont. <5>	200ppm No. of Surviv.	400ppm Av. Wt.	400ppm % of cont. <5>	400ppm No. of Surviv.	800ppm Av. Wt.	800ppm % of cont. <5>	800ppm No. of Surviv.
0-0	23.6 (5)	5/ 5	23.6 (5)	100	5/ 5	23.6 (5)	100	5/ 5	23.6 (5)	100	5/ 5	23.6 (5)	100	5/ 5	23.6 (5)	100	5/ 5
1-2	23.9 (5)	5/ 5	23.3 (5)	97	5/ 5	23.6 (5)	99	5/ 5	22.9 (5)	96	5/ 5	23.1 (5)	97	5/ 5	23.0 (5)	96	5/ 5
1-4	24.0 (5)	5/ 5	23.8 (5)	99	5/ 5	24.1 (5)	100	5/ 5	23.1 (5)	96	5/ 5	23.6 (5)	98	5/ 5	23.4 (5)	98	5/ 5
1-7	24.3 (5)	5/ 5	23.8 (5)	98	5/ 5	24.1 (5)	99	5/ 5	23.9 (5)	98	5/ 5	24.2 (5)	100	5/ 5	23.9 (5)	98	5/ 5
2-3	25.3 (5)	5/ 5	24.4 (5)	96	5/ 5	24.2 (5)	96	5/ 5	24.3 (5)	96	5/ 5	24.3 (5)	96	5/ 5	23.9 (5)	94	5/ 5
2-7	25.7 (5)	5/ 5	24.4 (5)	95	5/ 5	24.4 (5)	95	5/ 5	24.6 (5)	96	5/ 5	25.1 (5)	98	5/ 5	24.6 (5)	96	5/ 5

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

TABLE D2

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0736
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>	50ppm Av. Wt.	50ppm % of cont. < 5>	50ppm No. of Surviv.	100ppm Av. Wt.	100ppm % of cont. < 5>	100ppm No. of Surviv.	200ppm Av. Wt.	200ppm % of cont. < 5>	200ppm No. of Surviv.	400ppm Av. Wt.	400ppm % of cont. < 5>	400ppm No. of Surviv.	800ppm Av. Wt.	800ppm % of cont. < 5>	800ppm No. of Surviv.
0-0	19.1 (5)	5/ 5	19.1 (5)	100	5/ 5	19.1 (5)	100	5/ 5	19.1 (5)	100	5/ 5	19.1 (5)	100	5/ 5	19.0 (5)	99	5/ 5
1-2	18.8 (5)	5/ 5	18.9 (5)	101	5/ 5	18.6 (5)	99	5/ 5	18.8 (5)	100	5/ 5	18.9 (5)	101	5/ 5	18.6 (5)	99	5/ 5
1-4	19.3 (5)	5/ 5	19.6 (5)	102	5/ 5	19.0 (5)	98	5/ 5	19.6 (5)	102	5/ 5	19.6 (5)	102	5/ 5	19.0 (5)	98	5/ 5
1-7	19.6 (5)	5/ 5	19.8 (5)	101	5/ 5	19.6 (5)	100	5/ 5	19.6 (5)	100	5/ 5	19.8 (5)	101	5/ 5	19.3 (5)	98	5/ 5
2-3	20.0 (5)	5/ 5	20.5 (5)	103	5/ 5	20.2 (5)	101	5/ 5	19.5 (5)	98	5/ 5	19.7 (5)	99	5/ 5	19.9 (5)	100	5/ 5
2-7	20.2 (5)	5/ 5	21.1 (5)	104	5/ 5	20.5 (5)	101	5/ 5	20.5 (5)	101	5/ 5	20.9 (5)	103	5/ 5	20.1 (5)	100	5/ 5

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

TABLE D3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0736
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	23.6± 0.6	23.9± 1.4	24.0± 1.4	24.3± 1.3	25.3± 1.2	25.7± 0.8
50ppm	23.6± 0.7	23.3± 0.6	23.8± 0.8	23.8± 0.7	24.4± 0.8	24.4± 1.0
100ppm	23.6± 0.7	23.6± 1.0	24.1± 1.0	24.1± 0.9	24.2± 0.9	24.4± 1.1
200ppm	23.6± 0.7	22.9± 0.8	23.1± 1.1	23.9± 1.1	24.3± 1.1	24.6± 1.0
400ppm	23.6± 0.7	23.1± 0.7	23.6± 0.4	24.2± 0.5	24.3± 0.7	25.1± 0.8
800ppm	23.6± 0.5	23.0± 0.6	23.4± 0.6	23.9± 0.8	23.9± 0.7	24.6± 1.0

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

TABLE D4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0736
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	19.1± 0.7	18.8± 1.0	19.3± 0.2	19.6± 1.0	20.0± 0.4	20.2± 1.0
50ppm	19.1± 0.7	18.9± 0.3	19.6± 1.0	19.8± 0.9	20.5± 0.6	21.1± 0.9
100ppm	19.1± 0.7	18.6± 0.7	19.0± 0.4	19.6± 0.6	20.2± 0.5	20.5± 0.7
200ppm	19.1± 0.7	18.8± 0.8	19.6± 0.6	19.6± 1.2	19.5± 0.8	20.5± 0.7
400ppm	19.1± 0.6	18.9± 0.4	19.6± 0.6	19.8± 0.9	19.7± 0.6	20.9± 0.7
800ppm	19.0± 0.7	18.6± 0.8	19.0± 0.6	19.3± 0.8	19.9± 0.9	20.1± 0.8

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

TABLE E1

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0736
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>	50ppm Av. FC.	50ppm % of cont. <5>	50ppm No. of Surviv.	100ppm Av. FC.	100ppm % of cont. <5>	100ppm No. of Surviv.	200ppm Av. FC.	200ppm % of cont. <5>	200ppm No. of Surviv.	400ppm Av. FC.	400ppm % of cont. <5>	400ppm No. of Surviv.	800ppm Av. FC.	800ppm % of cont. <5>	800ppm No. of Surviv.
1-7	4.5 (5)	5/ 5	4.3 (5)	96	5/ 5	4.5 (5)	100	5/ 5	4.3 (5)	96	5/ 5	4.5 (5)	100	5/ 5	4.3 (5)	96	5/ 5
2-7	4.2 (5)	5/ 5	4.0 (5)	95	5/ 5	4.0 (5)	95	5/ 5	4.2 (5)	100	5/ 5	4.0 (5)	95	5/ 5	4.1 (5)	98	5/ 5

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

TABLE E2

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0736
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>	50ppm Av. FC.	50ppm % of cont. <5>	50ppm No. of Surviv.	100ppm Av. FC.	100ppm % of cont. <5>	100ppm No. of Surviv.	200ppm Av. FC.	200ppm % of cont. <5>	200ppm No. of Surviv.	400ppm Av. FC.	400ppm % of cont. <5>	400ppm No. of Surviv.	800ppm Av. FC.	800ppm % of cont. <5>	800ppm No. of Surviv.
1-7	3.7 (5)	5/ 5	3.9 (5)	105	5/ 5	3.9 (5)	105	5/ 5	3.7 (5)	100	5/ 5	3.8 (5)	103	5/ 5	3.9 (5)	105	5/ 5
2-7	3.4 (5)	5/ 5	3.8 (5)	112	5/ 5	3.8 (5)	112	5/ 5	3.5 (5)	103	5/ 5	3.7 (5)	109	5/ 5	3.8 (5)	112	5/ 5

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

TABLE E3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0736
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	4.5± 0.5	4.2± 0.4
50ppm	4.3± 0.2	4.0± 0.3
100ppm	4.5± 0.3	4.0± 0.2
200ppm	4.3± 0.6	4.2± 0.1
400ppm	4.5± 0.5	4.0± 0.1
800ppm	4.3± 0.3	4.1± 0.1

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

TABLE E4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 2
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

Group Name	Administration 1-7(6)	week-day(effective) 2-7(7)
Control	3.7± 0.1	3.4± 0.5
50ppm	3.9± 0.2	3.8± 0.2
100ppm	3.9± 0.2	3.8± 0.2
200ppm	3.7± 0.2	3.5± 0.3
400ppm	3.8± 0.1	3.7± 0.4
800ppm	3.9± 0.1	3.8± 0.2

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

TABLE F1

HEMATOLOGY : MALE

STUDY NO. : 0736
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	3	11.13± 0.17	17.3± 0.5	50.0± 1.2	45.0± 0.5	15.5± 0.3	34.5± 0.7	1439± 30
50ppm	5	11.16± 0.14	17.4± 0.4	50.4± 1.3	45.1± 0.7	15.6± 0.1	34.6± 0.2	1355± 131
100ppm	5	11.07± 0.42	17.5± 0.6	51.3± 1.4	46.4± 0.9	15.8± 0.3	34.1± 0.8	1290± 149
200ppm	5	11.06± 0.24	17.3± 0.6	50.3± 1.7	45.5± 1.2	15.7± 0.4	34.4± 0.2	1301± 116
400ppm	5	10.83± 0.38	17.0± 0.8	49.4± 2.2	45.6± 0.6	15.7± 0.2	34.4± 0.3	1194± 70*
800ppm	5	10.73± 0.40	16.7± 0.8	49.3± 1.5	46.0± 0.4	15.6± 0.2	33.8± 0.7	1144± 128**

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

STUDY NO. : 0736
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	3	2.3± 0.3
50ppm	5	2.1± 0.5
100ppm	5	1.7± 0.2
200ppm	5	1.9± 0.3
400ppm	5	1.9± 0.2
800ppm	5	2.6± 0.4

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

STUDY NO. : 0736
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	3	2.53± 0.92	16± 11	80± 10	1± 0	2± 1	0± 0	1± 1
50ppm	5	2.32± 1.10	19± 11	79± 11	1± 1	1± 1	0± 0	1± 1
100ppm	5	2.09± 1.28	14± 8	83± 7	1± 1	1± 1	0± 0	1± 1
200ppm	5	2.12± 1.62	15± 8	83± 7	1± 1	1± 1	0± 0	1± 1
400ppm	5	2.98± 1.26	11± 4	86± 3	1± 0	2± 2	0± 0	1± 1
800ppm	5	1.65± 1.30	13± 5	85± 4	1± 1	1± 1	0± 0	0± 1

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

TABLE F2

HEMATOLOGY : FEMALE

STUDY NO. : 0736
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	11.27± 0.36	17.6± 0.4	50.2± 0.8	44.6± 0.8	15.6± 0.3	35.0± 0.4	1216± 109
50ppm	5	11.06± 0.22	17.2± 0.6	49.9± 1.8	45.2± 0.8	15.6± 0.2	34.5± 0.4	1178± 48
100ppm	5	11.05± 0.27	17.4± 0.5	50.1± 1.4	45.3± 0.4	15.8± 0.2	34.8± 0.2	1142± 67
200ppm	5	10.92± 0.37	16.9± 0.7	49.2± 1.5	45.0± 0.5	15.5± 0.1	34.5± 0.3	1222± 164
400ppm	5	10.92± 0.13	17.2± 0.4	49.0± 0.7	44.9± 0.8	15.6± 0.4	34.8± 0.3	1107± 71
800ppm	5	10.56± 0.71	16.6± 1.2	48.1± 3.3	45.5± 0.3	15.7± 0.1	34.5± 0.2	1022± 124*

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

Group Name	NO. of Animals	RETICULOCYTE %
Control	5	2.4± 1.0
50ppm	5	1.9± 0.3
100ppm	5	2.0± 0.5
200ppm	5	2.9± 1.1
400ppm	5	2.7± 0.5
800ppm	5	3.1± 0.5

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

STUDY NO. : 0736
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	3.38±	2.81	12±	3	85±	4	1±	1	1±	1	0±	1	1±	0
50ppm	5	1.85±	0.83	14±	3	83±	3	1±	1	2±	1	0±	0	1±	1
100ppm	5	1.89±	0.83	13±	5	85±	6	1±	1	1±	1	0±	0	1±	1
200ppm	5	2.88±	1.85	19±	7	78±	7	1±	0	1±	1	0±	0	0±	1
400ppm	5	2.25±	1.16	13±	2	85±	3	1±	0	1±	1	0±	1	1±	1
800ppm	5	1.23±	1.03	19±	11	77±	8	1±	0	2±	3	0±	0	0±	1

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

TABLE G1

BIOCHEMISTRY : MALE

STUDY NO. : 0736
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	5.5± 0.3	2.9± 0.1	1.1± 0.1	0.12± 0.02	209± 39	92± 14	27± 8
50ppm	5	5.5± 0.6	2.9± 0.0	1.2± 0.2	0.12± 0.01	204± 35	95± 46	21± 5
100ppm	5	5.2± 0.1	2.9± 0.1	1.2± 0.1	0.12± 0.01	202± 26	74± 13	15± 6*
200ppm	5	5.2± 0.1	2.9± 0.1	1.2± 0.1	0.12± 0.01	197± 14	74± 12	16± 6*
400ppm	5	5.2± 0.1	2.8± 0.1	1.2± 0.1	0.13± 0.01	200± 23	78± 8	23± 4
800ppm	5	5.2± 0.1	2.9± 0.1	1.2± 0.1	0.15± 0.01**	218± 19	74± 6	19± 7

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

STUDY NO. : 0736
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	193± 20	41± 5	15± 3	185± 81	400± 74	1± 1	98± 40
50ppm	5	182± 49	50± 16	21± 13	176± 59	385± 85	1± 1	103± 43
100ppm	5	153± 27	44± 4	16± 1	163± 37	419± 27	1± 1	91± 37
200ppm	5	155± 23	45± 10	16± 3	167± 39	417± 15	1± 1	103± 61
400ppm	5	165± 15	43± 4	14± 1	132± 41	379± 19	0± 1	87± 33
800ppm	5	153± 10	42± 4	16± 2	162± 36	351± 13	0± 1	90± 29

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

STUDY NO. : 0736
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	29.9± 6.4	151± 2	4.5± 0.4	118± 2	9.0± 0.4	7.0± 1.3
50ppm	5	30.0± 3.2	151± 1	4.3± 0.2	118± 1	9.0± 0.7	6.5± 1.1
100ppm	5	25.9± 3.9	151± 1	4.4± 0.2	118± 2	8.7± 0.2	6.8± 1.1
200ppm	5	29.2± 4.4	152± 1	4.4± 0.3	119± 0	8.7± 0.3	6.8± 1.0
400ppm	5	23.0± 2.0	152± 2	4.2± 0.3	120± 1	8.8± 0.2	6.7± 1.1
800ppm	5	25.1± 4.8	153± 1	4.3± 0.3	121± 1**	8.8± 0.2	6.5± 1.4

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

TABLE G2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0736
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	5.5± 0.4	3.2± 0.2	1.4± 0.3	0.11± 0.01	182± 37	87± 31	22± 12
50ppm	5	5.5± 0.2	3.2± 0.1	1.4± 0.1	0.12± 0.02	201± 13	76± 11	15± 3
100ppm	5	5.6± 0.2	3.4± 0.1*	1.5± 0.1	0.11± 0.01	182± 18	75± 10	15± 7
200ppm	5	5.6± 0.4	3.2± 0.1	1.3± 0.3	0.11± 0.00	190± 27	90± 27	20± 6
400ppm	5	5.4± 0.2	3.2± 0.1	1.5± 0.1	0.11± 0.01	181± 25	77± 9	17± 7
800ppm	5	5.3± 0.2	3.2± 0.1	1.5± 0.1	0.14± 0.02*	183± 59	69± 9	11± 4

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

STUDY NO. : 0736
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	167± 40	48± 6	15± 1	190± 51	527± 145	1± 1	90± 23
50ppm	5	149± 21	48± 4	18± 4	179± 49	609± 47	1± 0	82± 15
100ppm	5	145± 21	54± 13	17± 4	208± 97	652± 89	1± 0	173± 125
200ppm	5	170± 35	51± 9	17± 3	183± 43	541± 110	0± 0	109± 39
400ppm	5	153± 22	50± 7	16± 2	139± 17	516± 48	0± 1	82± 12
800ppm	5	128± 34	67± 48	23± 12	182± 116	501± 68	0± 1	108± 78

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

STUDY NO. : 0736
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	25.7± 4.2	150± 2	4.1± 0.3	117± 3	9.0± 0.7	6.3± 1.5
50ppm	5	27.5± 3.2	150± 2	4.4± 0.3	119± 2	8.8± 0.2	6.2± 0.7
100ppm	5	26.6± 2.7	151± 1	4.3± 0.3	119± 2	9.0± 0.2	6.5± 1.2
200ppm	5	26.2± 2.6	150± 2	4.2± 0.2	118± 2	9.1± 0.5	6.4± 0.8
400ppm	5	23.0± 2.2	150± 1	4.5± 0.4	118± 2	8.8± 0.4	5.9± 0.8
800ppm	5	25.9± 10.2	151± 1	4.4± 0.2	120± 2	8.7± 0.3	6.0± 1.3

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

TABLE H1

GROSS FINDINGS : MALE

STUDY NO. : 0736
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	(%)	50ppm 5	(%)	100ppm 5	(%)	200ppm 5	(%)
kidney	hydronephrosis		1	(20)	1	(20)	0	(0)	0	(0)

Organ	Findings	Group Name / NO. of Animals	400ppm 5 (%)	800ppm 5 (%)
kidney	hydronephrosis		0 (0)	0 (0)

TABLE H2

GROSS FINDINGS : FEMALE

Organ	Findings	Group Name	Control	50ppm	100ppm	200ppm
		NO. of Animals	5 (%)	5 (%)	5 (%)	5 (%)
kidney	hydronephrosis		1 (20)	0 (0)	0 (0)	1 (20)

Organ	Findings	Group Name	400ppm	800ppm
		NO. of Animals	5 (%)	5 (%)
kidney	hydronephrosis		0 (0)	0 (0)

TABLE I1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0736
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± 0.6	0.044± 0.009	0.011± 0.001	0.191± 0.016	0.126± 0.005	0.137± 0.010
50ppm	5	20.8± 1.0	0.038± 0.007	0.012± 0.002	0.186± 0.012	0.121± 0.005	0.137± 0.008
100ppm	5	20.5± 1.0	0.041± 0.004	0.013± 0.001	0.203± 0.010	0.133± 0.012	0.139± 0.007
200ppm	5	20.7± 0.8	0.038± 0.004	0.012± 0.002	0.184± 0.028	0.122± 0.006	0.133± 0.007
400ppm	5	21.3± 0.5	0.041± 0.004	0.012± 0.001	0.190± 0.015	0.121± 0.009	0.127± 0.006
800ppm	5	20.9± 0.8	0.035± 0.005	0.015± 0.006	0.112± 0.016**	0.126± 0.015	0.141± 0.016

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

STUDY NO. : 0736
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	0.421± 0.131	0.050± 0.009	0.931± 0.051	0.437± 0.014
50ppm	5	0.404± 0.117	0.047± 0.007	0.861± 0.043	0.443± 0.005
100ppm	5	0.369± 0.017	0.044± 0.007	0.876± 0.046	0.439± 0.016
200ppm	5	0.361± 0.033	0.042± 0.004	0.871± 0.049	0.424± 0.008
400ppm	5	0.352± 0.011	0.043± 0.003	0.876± 0.026	0.436± 0.010
800ppm	5	0.374± 0.058	0.048± 0.004	0.869± 0.070	0.440± 0.012

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

TABLE I2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0736
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± 0.7	0.049± 0.014	0.013± 0.002	0.025± 0.004	0.103± 0.003	0.122± 0.006
50ppm	5	17.2± 0.6	0.052± 0.005	0.014± 0.002	0.026± 0.004	0.105± 0.007	0.125± 0.010
100ppm	5	16.6± 0.6	0.055± 0.008	0.015± 0.002	0.026± 0.002	0.102± 0.005	0.123± 0.007
200ppm	5	16.8± 0.8	0.047± 0.010	0.015± 0.002	0.024± 0.002	0.100± 0.006	0.124± 0.011
400ppm	5	17.2± 0.7	0.054± 0.007	0.014± 0.001	0.030± 0.003	0.103± 0.007	0.125± 0.006
800ppm	5	16.7± 0.9	0.036± 0.008	0.013± 0.002	0.024± 0.004	0.102± 0.006	0.116± 0.009

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

STUDY NO. : 0736
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	0.314± 0.146	0.053± 0.012	0.716± 0.051	0.424± 0.007
50ppm	5	0.250± 0.006	0.054± 0.007	0.736± 0.056	0.428± 0.007
100ppm	5	0.249± 0.007	0.046± 0.006	0.704± 0.030	0.433± 0.016
200ppm	5	0.325± 0.170	0.054± 0.019	0.709± 0.046	0.420± 0.013
400ppm	5	0.251± 0.007	0.050± 0.005	0.723± 0.027	0.427± 0.010
800ppm	5	0.246± 0.013	0.043± 0.008	0.670± 0.090	0.426± 0.012

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

TABLE J1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0736
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± 0.6	0.205± 0.046	0.053± 0.007	0.881± 0.083	0.583± 0.018	0.632± 0.045
50ppm	5	20.8± 1.0	0.180± 0.030	0.060± 0.012	0.893± 0.054	0.582± 0.029	0.658± 0.063
100ppm	5	20.5± 1.0	0.199± 0.018	0.064± 0.006	0.993± 0.081	0.649± 0.058	0.677± 0.018
200ppm	5	20.7± 0.8	0.182± 0.014	0.058± 0.007	0.892± 0.151	0.587± 0.025	0.640± 0.026
400ppm	5	21.3± 0.5	0.193± 0.016	0.055± 0.003	0.891± 0.064	0.569± 0.041	0.598± 0.030
800ppm	5	20.9± 0.8	0.165± 0.022	0.070± 0.032	0.534± 0.079**	0.604± 0.076	0.674± 0.078

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

STUDY NO. : 0736
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	1.946± 0.597	0.231± 0.040	4.299± 0.147	2.024± 0.117
50ppm	5	1.960± 0.673	0.225± 0.044	4.136± 0.215	2.128± 0.112
100ppm	5	1.801± 0.123	0.213± 0.023	4.267± 0.213	2.140± 0.096
200ppm	5	1.746± 0.211	0.203± 0.017	4.202± 0.135	2.048± 0.046
400ppm	5	1.655± 0.037	0.203± 0.011	4.112± 0.053	2.049± 0.081
800ppm	5	1.788± 0.287	0.227± 0.017	4.154± 0.277	2.104± 0.078

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

TABLE J2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0736
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± 0.7	0.289± 0.078	0.076± 0.012	0.146± 0.018	0.613± 0.036	0.727± 0.022
50ppm	5	17.2± 0.6	0.303± 0.029	0.084± 0.009	0.150± 0.029	0.609± 0.037	0.728± 0.049
100ppm	5	16.6± 0.6	0.332± 0.044	0.090± 0.013	0.157± 0.014	0.614± 0.040	0.743± 0.067
200ppm	5	16.8± 0.8	0.280± 0.049	0.092± 0.010	0.144± 0.012	0.598± 0.033	0.742± 0.081
400ppm	5	17.2± 0.7	0.313± 0.029	0.083± 0.006	0.176± 0.020	0.596± 0.034	0.726± 0.054
800ppm	5	16.7± 0.9	0.215± 0.042	0.077± 0.010	0.145± 0.016	0.614± 0.043	0.698± 0.031

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

STUDY NO. : 0736
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	1.890± 0.965	0.318± 0.086	4.255± 0.173	2.525± 0.070
50ppm	5	1.453± 0.066	0.312± 0.038	4.272± 0.194	2.487± 0.132
100ppm	5	1.498± 0.078	0.277± 0.027	4.229± 0.130	2.608± 0.151
200ppm	5	1.953± 1.064	0.324± 0.118	4.226± 0.151	2.512± 0.192
400ppm	5	1.463± 0.083	0.293± 0.021	4.202± 0.241	2.485± 0.128
800ppm	5	1.475± 0.077	0.259± 0.041	4.009± 0.445	2.557± 0.109

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

TABLE K

HISTOPATHOLOGICAL FINDINGS :

NON-NEOPLASTIC LESIONS : MALE

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0- 3W)

Organ	Findings	Group Name	Control				50ppm				100ppm				200ppm			
		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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																		
testis			< 5>				< 5>				< 5>				< 5>			
	tubular atrophy		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
Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Chi Square

Organ	Findings	Group Name	400ppm				800ppm			
		No. of Animals on Study	5				5			
		Grade	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system)										
testis			< 5>				< 5>			
	tubular atrophy		0	0	0	0	0	4	1	0 **
			(0)	(0)	(0)	(0)	(0)	(80)	(20)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
< a > a : Number of animals examined at the site
b b : Number of animals with lesion
(c) c : b / a * 100
Significant difference ; * : P ≦ 0.05 ** : P ≦ 0.01 Test of Chi Square