

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

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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 $\pm$ S.D.
Control	0.0 $\pm$ 0.0
50 ppm	50.6 $\pm$ 0.4
100 ppm	100.6 $\pm$ 0.6
200 ppm	201.7 $\pm$ 0.8
400 ppm	403.0 $\pm$ 2.7
800 ppm	801.7 $\pm$ 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

PAGE : 1

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/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0
50ppm	5	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0
100ppm	5	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0
200ppm	5	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0
400ppm	5	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0
800ppm	5	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0736

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 2

SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 2

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(%)		

(HAN360)

BAIS4

TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0736

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 2

SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 3

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/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0
50ppm	5	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0
100ppm	5	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0
200ppm	5	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0
400ppm	5	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0
800ppm	5	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0736

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 2

SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 4

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(%)		

(HAN360)

BAIS4

TABLE C1

CLINICAL OBSERVATION : MALE

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

PAGE : 1

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

(HAN190)

BAIS 4

TABLE C2

CLINICAL OBSERVATION : FEMALE

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

PAGE : 2

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

(HAN190)

BAIS 4

TABLE D1

**BODY WEIGHT CHANGES AND SURVIVAL ANIMAL
NUMBERS : MALE**

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 2
SEX : MALE

MEAN BODY WEIGHTS AND SURVIVAL

PAGE : 1

Week-Day on Study	Control		50ppm		No. of Surviv.	100ppm		No. of Surviv.	200ppm		No. of Surviv.	400ppm		No. of Surviv.	800ppm		No. of Surviv.
	Av. Wt.	No. of Surviv. < 5>	Av. Wt.	% of cont. < 5>		Av. Wt.	% of cont. < 5>		Av. Wt.	% of cont. < 5>		Av. Wt.	% of cont. < 5>		Av. Wt.	% of cont. < 5>	
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																	

(BI0040)

BAIS 4

TABLE D2

**BODY WEIGHT CHANGES AND SURVIVAL ANIMAL
NUMBERS : FEMALE**

STUDY NO. : 0736
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 2
 SEX : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

PAGE : 2

Week-Day on Study	Control			50ppm			100ppm			200ppm			400ppm			800ppm		
	Av. Wt.	No. of Surviv. < 5>		Av. Wt.	% of cont. < 5>	No. of Surviv.	Av. Wt.	% of cont. < 5>	No. of Surviv.	Av. Wt.	% of cont. < 5>	No. of Surviv.	Av. Wt.	% of cont. < 5>	No. of Surviv.	Av. Wt.	% of cont. < 5>	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								

(BI0040)

BAIS 4

TABLE D3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0736
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 2
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 1

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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 4

TABLE D4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0736
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 2
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 2

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 : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 4

TABLE E1

**FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL
NUMBERS : MALE**

STUDY NO. : 0736
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 2
 SEX : MALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

PAGE : 1

Week-Day on Study	Control		50ppm		100ppm		200ppm		400ppm		800ppm						
	Av. FC.	No. of Surviv. < 5>	Av. FC.	% of cont. < 5>	No. of Surviv.	Av. FC.	% of cont. < 5>	No. of Surviv.	Av. FC.	% of cont. < 5>	No. of Surviv.	Av. FC.	% of cont. < 5>	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																	

(BI0040)

BAIS 4

TABLE E2

**FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL
NUMBERS : FEMALE**

STUDY NO. : 0736
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 2
 SEX : FEMALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

PAGE : 2

Week-Day on Study	Control		50ppm			100ppm			200ppm			400ppm			800ppm		
	Av.FC.	No. of Surviv. < 5>	Av.FC.	% of cont. < 5>	No. of Surviv.	Av.FC.	% of cont. < 5>	No. of Surviv.	Av.FC.	% of cont. < 5>	No. of Surviv.	Av.FC.	% of cont. < 5>	No. of Surviv.	Av.FC.	% of cont. < 5>	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																	

(BI0040)

BAIS 4

TABLE E3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 2
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 1

Group Name	Administration week-day(effective)	
	1-7(6)	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 : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 4

TABLE E4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 2
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 2

Group Name	Administration week-day(effective)	
	1-7(6)	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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

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BAIS 4

TABLE F1

HEMATOLOGY : MALE

STUDY NO. : 0736
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (3W)

REPORT TYPE : A1

PAGE : 1

Group Name	NO. of Animals	RED BLOOD CELL 10 ⁶ /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 ⁹ /μl	
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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0736

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY)

ALL ANIMALS (3W)

PAGE : 2

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 ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0736
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (3W)

REPORT TYPE : A1

PAGE : 3

Group Name	NO. of Animals	WBC 1 O ³ /μl		Differential		WBC (%)		MONO		EOSINO		BASO		OTHER	
				NEUTRO		LYMPHO									
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 ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

TABLE F2

HEMATOLOGY : FEMALE

STUDY NO. : 0736

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : FEMALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY)

ALL ANIMALS (3W)

PAGE : 4

Group Name	NO. of Animals	RED BLOOD CELL 10 ⁶ /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 ³ /μl	
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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE

HEMATOLOGY (SUMMARY)
ALL ANIMALS (3W)

REPORT TYPE : A1

PAGE : 5

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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0736
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (3W)

PAGE : 6

Group Name	NO. of Animals	WBC 10 ³ /μl		Differential NEUTRO		WBC (%) 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 ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

TABLE G1

BIOCHEMISTRY : MALE

STUDY NO. : 0736
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (3W)

REPORT TYPE : A1

PAGE : 1

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 ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0736
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (3W)

PAGE : 2

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 ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0736
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (3W)

REPORT TYPE : A1

PAGE : 3

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 ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS 4

TABLE G2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0736

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : FEMALE

REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)

ALL ANIMALS (3W)

PAGE : 4

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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS4

STUDY NO. : 0736

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : FEMALE

REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)

ALL ANIMALS (3W)

PAGE : 5

Group Name	NO. of Animals	PHOSPHOLIPID mg/dl		AST I U / l		ALT I U / l		LDH I U / l		ALP I U / l		G-GTP I U / l		CK I U / 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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0736
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (3W)

REPORT TYPE : A1

PAGE : 6

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 ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS 4

TABLE H1

GROSS FINDINGS : MALE

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 1

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

(HPT080)

BAIS 4

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 2

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

(HPT080)

BAIS 4

TABLE H2

GROSS FINDINGS : FEMALE

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 3

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

(HPT080)

BAIS 4

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 4

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

(HPT080)

BAIS 4

TABLE I1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: g

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

PAGE : 1

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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL040)

BAIS 4

STUDY NO. : 0736
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE
 UNIT: g

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

PAGE : 2

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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL040)

BAIS 4

TABLE I2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

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

PAGE : 3

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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL040)

BAIS 4

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

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

PAGE : 4

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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL040)

BAIS 4

TABLE J1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0736

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1

SEX : MALE

UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)

SURVIVAL ANIMALS (3W)

PAGE : 1

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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL042)

BAIS 4

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: %

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

PAGE : 2

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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL042)

BATS 4

TABLE J2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

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

PAGE : 3

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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL042)

BAIS 4

STUDY NO. : 0736
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

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

PAGE : 4

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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL042)

BAIS 4

TABLE K

**HISTOPATHOLOGICAL FINDINGS :
NON-NEOPLASTIC LESIONS : MALE**

STUDY NO. : 0736
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

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 : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Chi Square

(HPT150)

BAIS4

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

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

PAGE : 2

Organ	Findings	400ppm				800ppm			
		Group Name				Group Name			
		No. of Animals on Study				No. of Animals on Study			
		Grade				Grade			
		1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

{Reproductive system}

testis	tubular atrophy	< 5>				< 5>			
		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 : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Chi Square

(HPT150)

BAIS4