

N,N-ジメチルアセトアミドのマウスを用いた
吸入による2週間毒性試験報告書

試験番号：0707

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: FEMALE

TABLE A

CONCENTRATIONS OF *N,N*-DIMETHYLACETAMIDE
IN THE INHALATION
CHAMBER OF THE 2-WEEK INHALATION STUDY

CONCENTRATIONS OF *N,N*-DIMETHYLACETAMIDE IN THE INHALATION
CHAMBER OF THE 2-WEEK INHALATION STUDY

Group Name	Concentration(ppm)
	Mean $\pm$ S.D.
Control	0.0 $\pm$ 0.0
30 ppm	31.0 $\pm$ 0.4
100 ppm	100.8 $\pm$ 0.7
300 ppm	300.9 $\pm$ 3.7
450 ppm	445.5 $\pm$ 7.0
600 ppm	606.5 $\pm$ 3.9

TABLE B1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0707

ANIMAL : MOUSE B6D2F1/Crlj[Crlj: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
30ppm	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
300ppm	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
450ppm	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
600ppm	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. : 0707

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 2

SEX : MALE

PAGE : 2

Group Name	Animals At start	Administration (Days) 2-7
Control	5	5/ 5 100.0
30ppm	5	5/ 5 100.0
100ppm	5	5/ 5 100.0
300ppm	5	5/ 5 100.0
450ppm	5	5/ 5 100.0
600ppm	5	5/ 5 100.0
Number of survival/ Number of effective animals Survival rate(%)		

(HAN360)

BAIS4

TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0707
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
30ppm	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
300ppm	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
450ppm	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
600ppm	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(%)															

STUDY NO. : 0707

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 2

SEX : FEMALE

PAGE : 4

Group Name	Animals At start	Administration (Days) 2-7
Control	5	5/ 5 100.0
30ppm	5	5/ 5 100.0
100ppm	5	5/ 5 100.0
300ppm	5	5/ 5 100.0
450ppm	5	5/ 5 100.0
600ppm	5	5/ 5 100.0
Number of survival/ Number of effective animals Survival rate(%)		

(HAN360)

BAIS4

TABLE C1

CLINICAL OBSERVATION : MALE

STUDY NO. : 0707
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
		1	1	1	1	1
NON REMARKABLE	Control	5	5	5	5	5
	30ppm	5	5	5	5	5
	100ppm	5	5	5	5	5
	300ppm	5	5	5	5	5
	450ppm	5	5	5	5	5
	600ppm	5	5	5	5	5

(HAN190)

BAIS 4

TABLE C2

CLINICAL OBSERVATION : FEMALE

STUDY NO. : 0707
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
		1	1	1	1	1
NON REMARKABLE	Control	5	5	5	5	5
	30ppm	5	5	5	5	5
	100ppm	5	5	5	5	5
	300ppm	5	5	5	5	5
	450ppm	5	5	5	5	5
	600ppm	5	5	5	5	5

(HAN190)

BAIS 4

TABLE D1

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL
NUMBERS : MALE

STUDY NO. : 0707
 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		30ppm			100ppm			300ppm			450ppm			600ppm		
	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	23.5 (5)	5/ 5	23.5 (5)	100	5/ 5	23.5 (5)	100	5/ 5	23.5 (5)	100	5/ 5	23.5 (5)	100	5/ 5	23.5 (5)	100	5/ 5
1-2	23.9 (5)	5/ 5	23.9 (5)	100	5/ 5	23.7 (5)	99	5/ 5	24.1 (5)	101	5/ 5	24.1 (5)	101	5/ 5	24.0 (5)	100	5/ 5
1-4	23.7 (5)	5/ 5	23.7 (5)	100	5/ 5	23.6 (5)	100	5/ 5	24.2 (5)	102	5/ 5	23.5 (5)	99	5/ 5	23.4 (5)	99	5/ 5
1-7	23.7 (5)	5/ 5	24.2 (5)	102	5/ 5	23.9 (5)	101	5/ 5	25.4 (5)	107	5/ 5	24.9 (5)	105	5/ 5	25.1 (5)	106	5/ 5
2-3	24.2 (5)	5/ 5	24.9 (5)	103	5/ 5	24.3 (5)	100	5/ 5	25.8 (5)	107	5/ 5	25.2 (5)	104	5/ 5	25.2 (5)	104	5/ 5
2-7	25.0 (5)	5/ 5	25.6 (5)	102	5/ 5	25.2 (5)	101	5/ 5	26.8 (5)	107	5/ 5	26.0 (5)	104	5/ 5	26.0 (5)	104	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. : 0707
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		30ppm			100ppm			300ppm			450ppm			600ppm		
	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	20.3 (5)	5/ 5	20.3 (5)	100	5/ 5	20.3 (5)	100	5/ 5	20.3 (5)	100	5/ 5	20.3 (5)	100	5/ 5	20.3 (5)	100	5/ 5
1-2	20.4 (5)	5/ 5	20.7 (5)	101	5/ 5	21.2 (5)	104	5/ 5	20.8 (5)	102	5/ 5	21.3 (5)	104	5/ 5	21.0 (5)	103	5/ 5
1-4	20.4 (5)	5/ 5	20.9 (5)	102	5/ 5	21.2 (5)	104	5/ 5	21.3 (5)	104	5/ 5	21.1 (5)	103	5/ 5	20.9 (5)	102	5/ 5
1-7	21.4 (5)	5/ 5	21.1 (5)	99	5/ 5	21.7 (5)	101	5/ 5	21.6 (5)	101	5/ 5	22.2 (5)	104	5/ 5	21.8 (5)	102	5/ 5
2-3	21.9 (5)	5/ 5	21.8 (5)	100	5/ 5	22.4 (5)	102	5/ 5	22.4 (5)	102	5/ 5	23.3 (5)	106	5/ 5	21.7 (5)	99	5/ 5
2-7	22.1 (5)	5/ 5	22.2 (5)	100	5/ 5	23.0 (5)	104	5/ 5	22.9 (5)	104	5/ 5	23.9 (5)	108	5/ 5	21.7 (5)	98	5/ 5
< >:No. of effective animals, () :No. of measured animals Av. Wt. : g																	

(BI0040)

BAIS 4

TABLE D3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0707
 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	23.5± 0.8	23.9± 0.9	23.7± 1.0	23.7± 0.9	24.2± 1.0	25.0± 1.0
30ppm	23.5± 0.7	23.9± 1.2	23.7± 1.0	24.2± 1.3	24.9± 1.0	25.6± 1.1
100ppm	23.5± 0.7	23.7± 0.7	23.6± 0.6	23.9± 0.8	24.3± 0.8	25.2± 1.2
300ppm	23.5± 0.9	24.1± 1.0	24.2± 0.9	25.4± 1.1	25.8± 1.3	26.8± 1.9
450ppm	23.5± 0.9	24.1± 1.1	23.5± 0.7	24.9± 1.1	25.2± 0.9	26.0± 1.1
600ppm	23.5± 0.8	24.0± 1.0	23.4± 0.5	25.1± 1.0	25.2± 0.9	26.0± 0.8

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

Test of Dunnett

TABLE D4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0707
 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	20.3± 0.6	20.4± 0.6	20.4± 0.9	21.4± 0.7	21.9± 0.6	22.1± 0.8
30ppm	20.3± 0.7	20.7± 0.3	20.9± 0.6	21.1± 0.2	21.8± 0.9	22.2± 0.5
100ppm	20.3± 0.6	21.2± 0.5	21.2± 1.1	21.7± 0.6	22.4± 1.3	23.0± 0.9
300ppm	20.3± 0.7	20.8± 1.0	21.3± 0.7	21.6± 0.6	22.4± 0.4	22.9± 0.8
450ppm	20.3± 0.6	21.3± 0.9	21.1± 1.1	22.2± 0.8	23.3± 0.7	23.9± 0.7*
600ppm	20.3± 0.6	21.0± 0.4	20.9± 0.8	21.8± 0.5	21.7± 1.4	21.7± 1.3

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

Test of Dunnett

TABLE E1

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL
NUMBERS : MALE

STUDY NO. : 0707
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		30ppm		100ppm		300ppm		450ppm		600ppm						
	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	4.0 (5)	5/ 5	4.3 (5)	108	5/ 5	4.1 (5)	103	5/ 5	4.3 (5)	108	5/ 5	4.2 (5)	105	5/ 5	4.4 (5)	110	5/ 5
2-7	4.2 (5)	5/ 5	4.4 (5)	105	5/ 5	4.3 (5)	102	5/ 5	4.5 (5)	107	5/ 5	4.5 (5)	107	5/ 5	4.4 (5)	105	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. : 0707
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		30ppm			100ppm			300ppm			450ppm			600ppm		
	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	4.0 (5)	5/ 5	4.1 (5)	103	5/ 5	3.9 (5)	98	5/ 5	4.0 (5)	100	5/ 5	3.8 (5)	95	5/ 5	3.9 (5)	98	5/ 5
2-7	3.6 (5)	5/ 5	4.1 (5)	114	5/ 5	3.8 (5)	106	5/ 5	4.0 (5)	111	5/ 5	4.1 (5)	114	5/ 5	4.0 (5)	111	5/ 5
< >:No. of effective animals, ():No. of measured animals									Av. FC. : g								

(BI0040)

BAIS 4

TABLE E3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0707
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	4.0± 0.1	4.2± 0.2
30ppm	4.3± 0.2	4.4± 0.2
100ppm	4.1± 0.4	4.3± 0.2
300ppm	4.3± 0.1	4.5± 0.6
450ppm	4.2± 0.3	4.5± 0.2
600ppm	4.4± 0.3	4.4± 0.3

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

Test of Dunnett

TABLE E4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0707

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	4.0± 0.3	3.6± 0.3
30ppm	4.1± 0.1	4.1± 0.3
100ppm	3.9± 0.1	3.8± 0.2
300ppm	4.0± 0.2	4.0± 0.4
450ppm	3.8± 0.4	4.1± 0.3
600ppm	3.9± 0.1	4.0± 0.4

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

Test of Dunnett

(HAN260)

BAIS 4

TABLE F1

HEMATOLOGY : MALE

STUDY NO. : 0707
 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	5	11.33±	0.41	17.6±	0.5	54.7±	1.2	48.3±	0.8	15.6±	0.1	32.3±	0.3	1163±	39
30ppm	5	11.34±	0.23	17.7±	0.3	55.2±	0.9	48.6±	0.4	15.5±	0.1	31.9±	0.1	1197±	44
100ppm	5	11.47±	0.25	17.8±	0.4	55.0±	1.7	48.0±	0.7	15.5±	0.1	32.3±	0.5	1241±	30
300ppm	5	11.20±	0.20	17.4±	0.4	54.6±	0.8	48.7±	0.4	15.5±	0.1	31.9±	0.5	1274±	88
450ppm	5	11.34±	0.27	17.7±	0.4	54.9±	1.5	48.4±	0.5	15.6±	0.1	32.2±	0.3	1418±	107**
600ppm	5	10.75±	0.60	16.7±	0.9*	53.2±	2.3	49.5±	1.2*	15.6±	0.4	31.4±	1.0	1532±	96**

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

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STUDY NO. : 0707

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	5	2.3±	0.2
30ppm	5	2.4±	0.2
100ppm	5	2.3±	0.3
300ppm	5	2.4±	0.1
450ppm	5	2.5±	0.3
600ppm	5	2.2±	0.2

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0707

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY)

ALL ANIMALS (3W)

PAGE : 3

Group Name	NO. of Animals	WBC 10 ³ /μl	Differential WBC (10 ³ /μl)
Control	5	2.54± 0.78	
30ppm	5	3.21± 0.88	
100ppm	5	2.62± 0.72	
300ppm	5	3.38± 0.80	
450ppm	5	1.94± 0.67	
600ppm	5	2.15± 1.95	

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

TABLE F2

HEMATOLOGY : FEMALE

STUDY NO. : 0707

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 ⁹ /μl	
Control	5	11.20±	0.24	17.4±	0.5	53.1±	1.5	47.4±	0.5	15.5±	0.2	32.7±	0.2	1075±	28
30ppm	5	11.12±	0.34	17.1±	0.6	52.8±	1.8	47.5±	0.4	15.4±	0.1	32.5±	0.5	1122±	51
100ppm	5	11.11±	0.48	17.2±	0.8	52.7±	1.8	47.5±	0.4	15.5±	0.1	32.7±	0.4	1143±	68
300ppm	5	11.28±	0.37	17.2±	0.4	52.7±	1.8	46.8±	0.4	15.2±	0.2	32.6±	0.5	1247±	100*
450ppm	5	11.13±	0.18	17.0±	0.2	52.7±	0.9	47.4±	0.5	15.3±	0.2	32.3±	0.4	1394±	238**
600ppm	4	11.10±	0.58	17.3±	1.1	52.6±	3.1	47.4±	0.5	15.5±	0.2	32.7±	0.2	1333±	293*

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0707

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE TIME : 1

SEX : FEMALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY)

ALL ANIMALS (3W)

PAGE : 5

Group Name	NO. of Animals	RETICULOCYTE %	
Control	5	1.7±	0.2
30ppm	5	1.9±	0.4
100ppm	5	2.2±	0.4
300ppm	5	2.1±	0.2*
450ppm	5	2.3±	0.1**
600ppm	4	1.7±	0.9

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0707

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 1 O ³ /μl	Differential WBC (1 O ³ /μl)
Control	5	2.36± 1.40	
30ppm	5	3.32± 1.78	
100ppm	5	2.86± 1.67	
300ppm	5	2.50± 1.17	
450ppm	5	3.02± 1.70	
600ppm	4	1.90± 1.58	

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

TABLE G1

BIOCHEMISTRY : MALE

STUDY NO. : 0707

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)

ALL ANIMALS (3W)

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	5.2±	0.1	2.8±	0.1	1.1±	0.1	0.13±	0.01	194±	36	83±	4	26±	12
30ppm	5	5.1±	0.1	2.7±	0.1	1.2±	0.1	0.12±	0.01	184±	45	85±	6	29±	7
100ppm	5	5.2±	0.1	2.8±	0.1	1.1±	0.1	0.12±	0.01	209±	23	90±	12	38±	17
300ppm	5	5.3±	0.1	2.9±	0.1	1.2±	0.0	0.13±	0.01	200±	46	120±	25**	93±	51**
450ppm	5	5.2±	0.1	2.8±	0.0	1.2±	0.1	0.13±	0.01	234±	21	102±	10*	57±	36
600ppm	5	5.0±	0.1*	2.7±	0.1	1.2±	0.0	0.14±	0.02	219±	34	101±	6*	54±	27

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0707

ANIMAL : MOUSE B6D2F1/Cr1j[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	175±	8	43±	4	16±	1	271±	62	305±	10	1±	0	82±	20
30ppm	5	179±	13	41±	3	15±	2	243±	46	288±	6	1±	1	73±	14
100ppm	5	186±	17	41±	2	18±	2	259±	49	282±	10	0±	0	78±	16
300ppm	5	236±	34**	38±	4	19±	5	264±	89	274±	33	1±	1	59±	11
450ppm	5	200±	19	38±	3	18±	3	272±	26	287±	12	0±	1	81±	10
600ppm	5	200±	12	57±	46	31±	21**	374±	243	318±	49	0±	1	235±	215

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0707

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)

ALL ANIMALS (3W)

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	26.3±	1.3	152±	1	4.5±	0.1	119±	2	9.1±	0.2	7.2±	1.8
30ppm	5	27.5±	4.8	152±	1	4.5±	0.3	120±	1	8.9±	0.1	7.1±	1.3
100ppm	5	26.3±	2.9	152±	1	4.6±	0.2	120±	2	8.8±	0.2	6.6±	0.9
300ppm	5	24.6±	3.4	152±	1	4.5±	0.2	119±	2	9.0±	0.1	6.5±	1.6
450ppm	5	27.9±	2.4	152±	1	4.4±	0.4	119±	1	8.8±	0.2	6.8±	1.1
600ppm	5	28.7±	7.9	151±	1	4.2±	0.4	118±	2	8.8±	0.1*	7.9±	1.2

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

Test of Dunnett

(HCL074)

BAIS 4

TABLE G2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0707

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	5.3±	0.1	3.1±	0.1	1.4±	0.1	0.11±	0.01	212±	20	76±	8	32±	9
30ppm	5	5.3±	0.1	3.1±	0.1	1.4±	0.1	0.11±	0.00	198±	28	78±	7	24±	7
100ppm	5	5.2±	0.1	3.0±	0.1	1.3±	0.1	0.11±	0.01	199±	8	98±	2*	37±	5
300ppm	5	5.4±	0.2	3.1±	0.1	1.3±	0.1	0.12±	0.01	190±	32	107±	15**	56±	16*
450ppm	5	5.5±	0.2	3.2±	0.1	1.4±	0.1	0.12±	0.00	222±	19	107±	4**	58±	19*
600ppm	5	5.3±	0.3	3.1±	0.1	1.4±	0.1	0.13±	0.02	178±	62	119±	28**	38±	14

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0707

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 IU/l		ALT IU/l		LDH IU/l		ALP IU/l		G-GTP IU/l		CK IU/l	
Control	5	159±	24	50±	3	16±	1	281±	49	414±	22	1±	1	83±	21
30ppm	5	159±	21	48±	3	18±	2	272±	68	413±	10	1±	1	91±	13
100ppm	5	193±	9*	46±	5	22±	5	278±	93	373±	20	0±	1	61±	13
300ppm	5	210±	23**	59±	10	42±	13**	265±	39	341±	36**	0±	1	83±	7
450ppm	5	216±	5**	52±	9	34±	15**	320±	164	359±	18**	0±	1	112±	82
600ppm	5	204±	24**	73±	29	50±	27**	352±	142	378±	29	1±	0	195±	153

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0707

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : FEMALE

REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)

ALL ANIMALS (3W)

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	24.5±	1.2	151±	1	4.5±	0.3	120±	2	8.9±	0.2	6.3±	1.5
30ppm	5	24.6±	1.8	150±	1	4.5±	0.3	119±	2	8.9±	0.3	6.2±	0.7
100ppm	5	21.7±	2.5	150±	1	4.6±	0.4	120±	2	8.9±	0.1	6.3±	0.5
300ppm	5	22.9±	2.7	151±	1	4.5±	0.2	119±	0	9.1±	0.3	6.7±	0.4
450ppm	5	22.9±	1.7	151±	2	4.6±	0.3	119±	1	9.3±	0.3	7.0±	0.9
600ppm	5	29.9±	11.2	149±	2	4.6±	0.5	119±	1	9.0±	0.1	7.2±	1.1

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

Test of Dunnett

(HCL074)

BAIS 4

TABLE H1

GROSS FINDINGS : MALE

STUDY NO. : 0707
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name NO. of Animals	Control	30ppm	100ppm	300ppm
			5 (%)	5 (%)	5 (%)	5 (%)
spleen	black zone		0 (0)	0 (0)	1 (20)	0 (0)

(HPT080)

BAIS 4

STUDY NO. : 0707
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name	450ppm		600ppm	
		NO. of Animals	5	(%)	5	(%)
spleen	black zone		1	(20)	0	(0)

(HPT080)

BAIS 4

TABLE H2

GROSS FINDINGS : FEMALE

STUDY NO. : 0707
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	30ppm	100ppm	300ppm
			5 (%)	5 (%)	5 (%)	5 (%)
thymus	atrophic		0 (0)	0 (0)	0 (0)	0 (0)
spleen	atrophic		0 (0)	0 (0)	0 (0)	0 (0)

(HPT080)

BAIS 4

STUDY NO. : 0707
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 4

Organ	Findings	Group Name	450ppm		600ppm	
		NO. of Animals	5	(%)	5	(%)
thymus	atrophic		0	(0)	2	(40)
spleen	atrophic		0	(0)	2	(40)

(HPT080)

BAIS 4

TABLE I1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0707
 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	21.2± 1.0	0.038±	0.004	0.011±	0.001	0.188±	0.014	0.128±	0.007	0.133±	0.004
30ppm	5	21.8± 1.0	0.043±	0.006	0.010±	0.002	0.195±	0.033	0.134±	0.010	0.139±	0.011
100ppm	5	21.5± 1.1	0.047±	0.008	0.011±	0.002	0.199±	0.010	0.132±	0.012	0.141±	0.013
300ppm	5	22.7± 1.6	0.045±	0.009	0.010±	0.002	0.205±	0.009	0.135±	0.009	0.140±	0.012
450ppm	5	21.5± 1.2	0.038±	0.004	0.011±	0.001	0.186±	0.010	0.139±	0.009	0.138±	0.006
600ppm	5	21.8± 0.8	0.033±	0.014	0.009±	0.002	0.153±	0.025	0.131±	0.003	0.139±	0.015

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

Test of Dunnett

STUDY NO. : 0707
 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	0.345±	0.011	0.042±	0.002	0.888±	0.051	0.418±	0.007
30ppm	5	0.369±	0.014	0.045±	0.002	0.979±	0.055	0.439±	0.017
100ppm	5	0.370±	0.017	0.045±	0.002	0.996±	0.076	0.442±	0.014
300ppm	5	0.369±	0.029	0.047±	0.004	1.142±	0.101**	0.432±	0.022
450ppm	5	0.381±	0.017	0.044±	0.004	1.092±	0.061**	0.440±	0.013
600ppm	5	0.384±	0.022	0.040±	0.008	1.101±	0.065**	0.437±	0.017

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

Test of Dunnett

(HCL040)

BAIS 4

TABLE I2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0707
 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	18.5± 0.8	0.066± 0.009	0.012± 0.002	0.028± 0.005	0.104± 0.009	0.123± 0.010
30ppm	5	18.2± 0.4	0.065± 0.003	0.014± 0.001	0.025± 0.004	0.109± 0.004	0.132± 0.001
100ppm	5	19.3± 0.6	0.071± 0.006	0.013± 0.002	0.026± 0.007	0.116± 0.006*	0.136± 0.011
300ppm	5	18.9± 0.6	0.067± 0.006	0.014± 0.002	0.023± 0.004	0.115± 0.004	0.129± 0.010
450ppm	5	19.2± 0.5	0.062± 0.008	0.012± 0.001	0.023± 0.005	0.119± 0.008**	0.137± 0.013
600ppm	5	17.5± 1.2	0.032± 0.020**	0.012± 0.002	0.018± 0.003	0.106± 0.008	0.131± 0.008

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

Test of Dunnett

(HCL040)

BAIS 4

STUDY NO. : 0707
 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	0.245±	0.007	0.045±	0.004	0.782±	0.034	0.438±	0.014
30ppm	5	0.262±	0.015	0.050±	0.002	0.820±	0.025	0.441±	0.010
100ppm	5	0.259±	0.006	0.056±	0.003**	0.891±	0.033**	0.439±	0.015
300ppm	5	0.268±	0.007*	0.055±	0.001**	0.959±	0.035**	0.445±	0.011
450ppm	5	0.280±	0.015**	0.055±	0.007**	1.034±	0.070**	0.447±	0.010
600ppm	5	0.263±	0.016	0.036±	0.018	0.914±	0.115**	0.437±	0.008

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

Test of Dunnett

(HCL040)

BAIS 4

TABLE J1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0707
 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	21.2± 1.0	0.181± 0.012	0.050± 0.005	0.892± 0.105	0.604± 0.021	0.630± 0.030
30ppm	5	21.8± 1.0	0.199± 0.034	0.044± 0.013	0.898± 0.180	0.616± 0.054	0.640± 0.058
100ppm	5	21.5± 1.1	0.220± 0.035	0.050± 0.006	0.929± 0.030	0.616± 0.034	0.661± 0.072
300ppm	5	22.7± 1.6	0.201± 0.047	0.043± 0.011	0.907± 0.060	0.593± 0.004	0.619± 0.069
450ppm	5	21.5± 1.2	0.176± 0.019	0.051± 0.007	0.866± 0.051	0.646± 0.041	0.645± 0.048
600ppm	5	21.8± 0.8	0.152± 0.060	0.043± 0.007	0.703± 0.099*	0.600± 0.014	0.638± 0.048

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

Test of Dunnett

(HCL042)

BAIS 4

STUDY NO. : 0707
 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	1.632± 0.094	0.200± 0.014	4.192± 0.063	1.977± 0.121
30ppm	5	1.693± 0.066	0.207± 0.008	4.489± 0.180	2.016± 0.146
100ppm	5	1.724± 0.070	0.211± 0.008	4.636± 0.158**	2.063± 0.094
300ppm	5	1.628± 0.121	0.210± 0.023	5.031± 0.201**	1.914± 0.184
450ppm	5	1.776± 0.093	0.203± 0.010	5.082± 0.151**	2.052± 0.141
600ppm	5	1.762± 0.061	0.184± 0.031	5.055± 0.260**	2.009± 0.040

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

Test of Dunnett

(HCL042)

BAIS 4

TABLE J2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0707
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	18.5± 0.8	0.357± 0.057	0.067± 0.013	0.152± 0.028	0.566± 0.058	0.664± 0.058
30ppm	5	18.2± 0.4	0.357± 0.021	0.075± 0.005	0.140± 0.022	0.602± 0.034	0.728± 0.022
100ppm	5	19.3± 0.6	0.368± 0.035	0.067± 0.011	0.135± 0.039	0.605± 0.042	0.706± 0.070
300ppm	5	18.9± 0.6	0.354± 0.033	0.072± 0.011	0.120± 0.023	0.611± 0.024	0.684± 0.067
450ppm	5	19.2± 0.5	0.324± 0.033	0.065± 0.002	0.120± 0.024	0.622± 0.028	0.713± 0.061
600ppm	5	17.5± 1.2	0.177± 0.107**	0.068± 0.014	0.105± 0.015	0.606± 0.037	0.750± 0.048

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

Test of Dunnett

(HCL042)

BAIS 4

STUDY NO. : 0707
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	1.327 ± 0.076	0.244 ± 0.027	4.232 ± 0.258	2.372 ± 0.174
30ppm	5	1.442 ± 0.107	0.278 ± 0.012	4.519 ± 0.182	2.429 ± 0.086
100ppm	5	1.348 ± 0.068	0.292 ± 0.013*	4.627 ± 0.102*	2.283 ± 0.107
300ppm	5	1.420 ± 0.026	0.293 ± 0.009*	5.080 ± 0.128**	2.358 ± 0.107
450ppm	5	1.459 ± 0.060	0.285 ± 0.034	5.389 ± 0.318**	2.332 ± 0.096
600ppm	5	1.506 ± 0.107**	0.199 ± 0.088	5.201 ± 0.307**	2.504 ± 0.148

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

Test of Dunnett

(HCL042)

BAIS 4

TABLE K1

HISTOPATHOLOGICAL FINDINGS :
NON-NEOPLASTIC LESIONS : MALE

STUDY NO. : 0707
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

Organ_____	Findings_____	Group Name	Control				30ppm				100ppm				300ppm			
		No. of Animals on Study	5				5				5				5			
		Grade	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
liver			< 5>				< 5>				< 5>				< 5>			
	hepatocellular hypertrophy:central		0	0	0	0	0	0	0	0	3	0	0	0	1	4	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(60)	(0)	(0)	(0)	(20)	(80)	(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																	

(HPT150)

BAIS4

STUDY NO. : 0707
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

		450ppm				600ppm			
		5				5			
		No. of Animals on Study				No. of Animals on Study			
		Grade				Grade			
		1	2	3	4	1	2	3	4
Organ	Findings	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

{Digestive system}

liver		< 5>				< 5>			
	hepatocellular hypertrophy:central	2	3	0	0	1	4	0	0
		(40)	(60)	(0)	(0)	(20)	(80)	(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

(HPT150)

BAIS4

TABLE K2

HISTOPATHOLOGICAL FINDINGS :
NON-NEOPLASTIC LESIONS : FEMALE

STUDY NO. : 0707
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 3

Organ_____	Findings_____	Group Name	Control				30ppm				100ppm				300ppm			
		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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
liver			< 5>				< 5>				< 5>				< 5>			
	necrosis:focal		0	0	0	0	0	0	0	0	4	0	0	0	2	3	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(80)	(0)	(0)	(0)	(40)	(60)	(0)	(0)
	hepatocellular hypertrophy:central		0	0	0	0	0	0	0	0	2	0	0	0	5	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(40)	(0)	(0)	(0)	(100)	(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																	

(HPT150)

BAIS4

STUDY NO. : 0707
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 4

		450ppm				600ppm			
		5				5			
		No. of Animals on Study							
		Grade							
Organ_____	Findings_____	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}									
liver									
	necrosis:focal	< 5>				< 5>			
		3	2	0	0	2	1	0	0
		(60)	(40)	(0)	(0)	(40)	(20)	(0)	(0)
	hepatocellular hypertrophy:central	2	3	0	0	3	2	0	0
		(40)	(60)	(0)	(0)	(60)	(40)	(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

(HPT150)

BAIS4