

エチレングリコールモノエチルエーテルアセテート
のラットを用いた吸入による 2 週間毒性試験報告書

試験番号：0735

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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	50.3 $\pm$ 0.4
100 ppm	100.5 $\pm$ 0.5
200 ppm	199.9 $\pm$ 0.6
400 ppm	396.1 $\pm$ 5.8
800 ppm	800.4 $\pm$ 3.0

TABLE B1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0735

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

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. : 0735

SURVIVAL ANIMAL NUMBERS

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

REPORT TYPE : A1 2

SEX : MALE

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. : 0735

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

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. : 0735

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

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. : 0735
ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
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. : 0735

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

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. : 0735
ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
UNIT : g
REPORT TYPE : A1 2
SEX : MALE

MEAN BODY WEIGHTS AND SURVIVAL

PAGE : 1

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	119 (5)	5/ 5	120 (5)	101	5/ 5	120 (5)	101	5/ 5	120 (5)	101	5/ 5	120 (5)	101	5/ 5	120 (5)	101	5/ 5
1-2	127 (5)	5/ 5	127 (5)	100	5/ 5	128 (5)	101	5/ 5	127 (5)	100	5/ 5	123 (5)	97	5/ 5	122 (5)	96	5/ 5
1-4	134 (5)	5/ 5	132 (5)	99	5/ 5	134 (5)	100	5/ 5	133 (5)	99	5/ 5	131 (5)	98	5/ 5	131 (5)	98	5/ 5
1-7	142 (5)	5/ 5	139 (5)	98	5/ 5	139 (5)	98	5/ 5	139 (5)	98	5/ 5	134 (5)	94	5/ 5	129 (5)	91	5/ 5
2-3	152 (5)	5/ 5	149 (5)	98	5/ 5	148 (5)	97	5/ 5	150 (5)	99	5/ 5	145 (5)	95	5/ 5	140 (5)	92	5/ 5
2-7	167 (5)	5/ 5	165 (5)	99	5/ 5	162 (5)	97	5/ 5	161 (5)	96	5/ 5	155 (5)	93	5/ 5	147 (5)	88	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. : 0735
ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
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	90 (5)	5/ 5	90 (5)	100	5/ 5	89 (5)	99	5/ 5	90 (5)	100	5/ 5	90 (5)	100	5/ 5	90 (5)	100	5/ 5
1-2	95 (5)	5/ 5	94 (5)	99	5/ 5	94 (5)	99	5/ 5	94 (5)	99	5/ 5	92 (5)	97	5/ 5	89 (5)	94	5/ 5
1-4	99 (5)	5/ 5	97 (5)	98	5/ 5	96 (5)	97	5/ 5	96 (5)	97	5/ 5	95 (5)	96	5/ 5	96 (5)	97	5/ 5
1-7	102 (5)	5/ 5	99 (5)	97	5/ 5	97 (5)	95	5/ 5	98 (5)	96	5/ 5	95 (5)	93	5/ 5	93 (5)	91	5/ 5
2-3	106 (5)	5/ 5	104 (5)	98	5/ 5	103 (5)	97	5/ 5	104 (5)	98	5/ 5	101 (5)	95	5/ 5	99 (5)	93	5/ 5
2-7	113 (5)	5/ 5	109 (5)	96	5/ 5	108 (5)	96	5/ 5	109 (5)	96	5/ 5	105 (5)	93	5/ 5	101 (5)	89	5/ 5
< >:No. of effective animals, ():No. of measured animals																	
Av. Wt. : g																	

(BI0040)

BAIS 4

TABLE D3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0735

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

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	119±	2	127±	3	134±	3	142±	4	152±	7	167±	7
50ppm	120±	4	127±	4	132±	4	139±	4	149±	4	165±	5
100ppm	120±	4	128±	5	134±	4	139±	5	148±	5	162±	7
200ppm	120±	3	127±	5	133±	7	139±	8	150±	10	161±	12
400ppm	120±	3	123±	1	131±	1	134±	3	145±	5	155±	7
800ppm	120±	2	122±	3	131±	5	129±	7**	140±	10	147±	10**

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

Test of Dunnett

(HAN260)

BAIS 4

TABLE D4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0735
 ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
 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	90±	2	95±	2	99±	2	102±	3	106±	3	113±	5
50ppm	90±	3	94±	5	97±	5	99±	7	104±	7	109±	8
100ppm	89±	4	94±	3	96±	4	97±	4	103±	4	108±	5
200ppm	90±	3	94±	2	96±	3	98±	2	104±	3	109±	4
400ppm	90±	2	92±	3	95±	5	95±	3*	101±	4	105±	3*
800ppm	90±	1	89±	1*	96±	2	93±	2**	99±	3	101±	3**

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. : 0735
 ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
 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.	Av.FC.	% of cont. < 5>	No. of Surviv.
1-7	14.8 (5)	5/ 5	15.1 (5)	102	5/ 5	14.8 (5)	100	5/ 5	14.1 (5)	95	5/ 5	13.4 (5)	91	5/ 5	12.2 (5)	82	5/ 5
2-7	14.9 (5)	5/ 5	15.6 (5)	105	5/ 5	14.6 (5)	98	5/ 5	14.6 (5)	98	5/ 5	14.1 (5)	95	5/ 5	12.4 (5)	83	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. : 0735
 ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
 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	11.2 (5)	5/ 5	10.9 (5)	97	5/ 5	11.7 (5)	104	5/ 5	11.6 (5)	104	5/ 5	10.0 (5)	89	5/ 5	9.3 (5)	83	5/ 5
2-7	10.7 (5)	5/ 5	10.7 (5)	100	5/ 5	11.0 (5)	103	5/ 5	11.0 (5)	103	5/ 5	10.3 (5)	96	5/ 5	10.2 (5)	95	5/ 5
< >:No. of effective animals, ():No. of measured animals Av.FC. : g																	

(BI0040)

BAIS 4

TABLE E3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0735
ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
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	14.8± 0.6	14.9± 1.0
50ppm	15.1± 0.9	15.6± 1.1
100ppm	14.8± 0.9	14.6± 0.7
200ppm	14.1± 0.8	14.6± 1.0
400ppm	13.4± 0.7	14.1± 1.2
800ppm	12.2± 0.9**	12.4± 0.7**

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

Test of Dunnett

(HAN260)

BAIS 4

TABLE E4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0735
ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
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	11.2± 0.6	10.7± 0.5
50ppm	10.9± 0.7	10.7± 0.8
100ppm	11.7± 1.0	11.0± 0.7
200ppm	11.6± 0.9	11.0± 1.2
400ppm	10.0± 0.9	10.3± 0.5
800ppm	9.3± 0.6**	10.2± 0.5

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

Test of Dunnett

(HAN260)

BAIS 4

TABLE F1

HEMATOLOGY : MALE

STUDY NO. : 0735
 ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
 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 ³ /μl	
Control	5	8.71±	0.27	16.3±	0.3	44.0±	0.9	50.5±	0.7	18.7±	0.3	37.1±	0.2	1025±	60
50ppm	5	8.67±	0.27	16.2±	0.4	43.7±	1.2	50.4±	0.5	18.8±	0.4	37.2±	0.4	1013±	58
100ppm	5	8.80±	0.31	16.4±	0.5	44.2±	1.5	50.2±	0.2	18.7±	0.1	37.2±	0.1	997±	33
200ppm	5	8.81±	0.12	16.3±	0.3	44.6±	0.8	50.7±	0.4	18.6±	0.3	36.6±	0.3*	1032±	35
400ppm	5	8.69±	0.15	16.1±	0.5	44.3±	1.0	50.9±	0.4	18.5±	0.2	36.4±	0.3**	1040±	118
800ppm	5	8.33±	0.31	15.4±	0.7*	43.3±	1.7	52.0±	0.5**	18.5±	0.2	35.7±	0.1**	1072±	61

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0735

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY)

ALL ANIMALS (3W)

PAGE : 2

Group Name	NO. of Animals	RETICULOCYTE %	
Control	5	2.5±	0.5
50ppm	5	2.2±	0.4
100ppm	5	1.9±	0.2
200ppm	5	2.0±	0.3
400ppm	5	1.8±	0.4*
800ppm	5	1.6±	0.2**

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0735

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY)

ALL ANIMALS (3W)

PAGE : 3

Group Name	NO. of Animals	WBC		Differential		WBC (%)		MONO		EOSINO		BASO		OTHER	
		10 ³ /μl		NEUTRO		LYMPHO									
Control	5	6.07±	0.89	21±	4	75±	4	3±	1	1±	0	0±	0	1±	0
50ppm	5	5.24±	1.86	22±	5	74±	4	2±	0	1±	0	0±	0	2±	1
100ppm	5	4.78±	1.57	20±	5	76±	5	2±	0	1±	0	0±	0	1±	0
200ppm	5	5.61±	1.77	19±	5	76±	6	2±	0	1±	0	0±	0	1±	0
400ppm	5	3.89±	0.84	21±	4	76±	5	2±	1	1±	0	0±	0	1±	0
800ppm	5	2.86±	0.70**	25±	9	71±	10	2±	0	1±	0	0±	0	1±	0

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

Test of Dunnett

(HCL070)

BAIS 4

TABLE F2

HEMATOLOGY : FEMALE

STUDY NO. : 0735
 ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
 MEASURE. TIME : 1
 SEX : FEMALE

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (3W)

REPORT TYPE : A1

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	9.08±	0.12	17.2±	0.2	45.2±	0.6	49.8±	0.1	18.9±	0.2	38.0±	0.3	933±	69
50ppm	5	9.26±	0.18	17.5±	0.4	46.3±	0.9	49.9±	0.4	18.9±	0.2	37.7±	0.2	833±	76
100ppm	5	9.31±	0.23	17.7±	0.3	46.9±	1.1	50.4±	0.1**	19.0±	0.2	37.7±	0.4	805±	80
200ppm	5	9.12±	0.23	17.2±	0.3	46.2±	0.9	50.7±	0.6**	18.9±	0.4	37.3±	0.5**	855±	83
400ppm	5	8.99±	0.10	17.0±	0.2	45.9±	0.7	51.1±	0.5**	18.9±	0.1	37.0±	0.2**	881±	35
800ppm	5	8.16±	0.53*	15.4±	0.8**	42.5±	2.0**	52.1±	0.9**	18.8±	0.3	36.1±	0.2**	1020±	98

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0735

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

MEASURE. TIME : 1

SEX : FEMALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY)

ALL ANIMALS (3W)

PAGE : 5

Group Name	NO. of Animals	RETICULOCYTE %	
Control	5	1.5±	0.3
50ppm	5	1.2±	0.2
100ppm	5	1.3±	0.1
200ppm	5	1.1±	0.2**
400ppm	5	1.0±	0.1**
800ppm	5	2.1±	0.9

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0735

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

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 NEUTRO		WBC (%) LYMPHO		MONO		EOSINO		BASO		OTHER	
Control	5	4.90±	0.63	17±	5	77±	5	2±	1	1±	0	0±	0	1±	0
50ppm	5	4.47±	1.47	17±	4	78±	4	2±	0	1±	0	0±	0	1±	0
100ppm	5	3.85±	0.40	17±	3	77±	4	3±	1	1±	0	0±	0	1±	0
200ppm	5	3.53±	0.28*	17±	4	78±	4	2±	0	2±	1	0±	0	1±	0
400ppm	5	3.29±	0.86**	20±	5	75±	5	2±	1	2±	0	0±	0	1±	0
800ppm	5	2.61±	0.71**	26±	4*	70±	4	2±	0	1±	1	0±	0	1±	0

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

Test of Dunnett

(HCL070)

BAIS 4

TABLE G1

BIOCHEMISTRY : MALE

STUDY NO. : 0735

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

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	6.0±	0.1	3.4±	0.0	1.3±	0.1	0.10±	0.01	153±	8	54±	2	33±	11
50ppm	5	6.0±	0.1	3.4±	0.1	1.4±	0.0	0.10±	0.00	142±	10	53±	5	37±	15
100ppm	5	5.9±	0.2	3.4±	0.1	1.4±	0.1	0.09±	0.01	151±	9	50±	6	35±	8
200ppm	5	5.9±	0.1	3.5±	0.1	1.5±	0.1*	0.10±	0.01	153±	12	49±	2	32±	8
400ppm	5	5.8±	0.1*	3.5±	0.1	1.5±	0.1**	0.10±	0.01	161±	8	50±	1	32±	13
800ppm	5	5.6±	0.1**	3.4±	0.1	1.5±	0.1**	0.11±	0.01	153±	5	44±	5**	35±	9

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0735

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

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	97±	3	72±	2	33±	4	122±	43	1072±	32	1±	0	231±	14
50ppm	5	99±	8	71±	3	31±	2	110±	43	1063±	69	1±	1	234±	35
100ppm	5	98±	6	70±	7	33±	3	101±	36	1033±	87	1±	1	196±	25
200ppm	5	95±	4	72±	3	33±	1	73±	22	983±	52	1±	1	190±	24*
400ppm	5	98±	7	68±	4	29±	2	64±	11*	839±	56**	1±	1	171±	20**
800ppm	5	94±	7	67±	2	27±	3**	61±	10*	653±	22**	1±	1	158±	15**

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0735

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)

ALL ANIMALS (3W)

PAGE : 3

Group Name	NO. of Animals	UREA NITROGEN mg/dl		CREATININE mg/dl		SODIUM mEq/l		POTASSIUM mEq/l		CHLORIDE mEq/l		CALCIUM mg/dl		INORGANIC PHOSPHORUS mg/dl	
Control	5	16.9±	1.2	0.5±	0.1	143±	1	3.5±	0.2	105±	1	10.6±	0.1	8.2±	0.7
50ppm	5	16.3±	0.4	0.5±	0.0	143±	1	3.4±	0.1	106±	2	10.6±	0.1	8.3±	0.3
100ppm	5	17.1±	1.6	0.5±	0.0	142±	2	3.8±	0.4	104±	2	10.5±	0.2	8.7±	0.4
200ppm	5	16.7±	1.2	0.5±	0.0	142±	1	3.4±	0.1	105±	1	10.3±	0.1*	8.2±	0.9
400ppm	5	16.9±	1.0	0.5±	0.0	142±	1	3.5±	0.2	105±	1	10.4±	0.1*	8.4±	0.9
800ppm	5	16.6±	1.4	0.5±	0.0	141±	0	3.7±	0.1	105±	1	10.2±	0.1**	8.2±	0.4

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

Test of Dunnett

(HCL074)

BAIS 4

TABLE G2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0735
 ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
 MEASURE. TIME : 1
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (3W)

REPORT TYPE : A1

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	5.8±	0.1	3.4±	0.1	1.4±	0.1	0.10±	0.01	138±	15	69±	6	13±	3
50ppm	5	5.8±	0.1	3.4±	0.1	1.5±	0.1	0.10±	0.01	143±	9	76±	2	17±	3
100ppm	5	5.8±	0.1	3.4±	0.1	1.5±	0.0	0.10±	0.01	138±	7	69±	5	14±	3
200ppm	5	5.7±	0.1	3.4±	0.1	1.5±	0.1	0.10±	0.00	132±	9	70±	5	12±	1
400ppm	5	5.8±	0.1	3.5±	0.1	1.5±	0.1	0.10±	0.01	134±	10	76±	4	19±	7
800ppm	5	5.7±	0.3	3.5±	0.3	1.7±	0.1**	0.11±	0.00	144±	8	71±	4	25±	9**

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0735

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

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-CTP IU/l		CK IU/l	
Control	5	121±	8	75±	2	32±	2	100±	30	927±	60	2±	0	191±	22
50ppm	5	133±	5	74±	5	30±	3	107±	37	889±	42	1±	1	195±	31
100ppm	5	120±	5	76±	3	33±	4	131±	44	903±	34	1±	1	207±	33
200ppm	5	126±	10	72±	5	29±	2	168±	66	810±	71**	2±	1	242±	20
400ppm	5	139±	5*	72±	3	27±	2*	151±	40	713±	32**	2±	1	219±	19
800ppm	5	137±	14*	67±	2**	24±	2**	135±	49	544±	32**	2±	1	209±	42

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0735

ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]

MEASURE. TIME : 1

SEX : FEMALE

REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)

ALL ANIMALS (3W)

PAGE : 6

Group Name	NO. of Animals	UREA NITROGEN mg/dl		CREATININE mg/dl		SODIUM mEq/l		POTASSIUM mEq/l		CHLORIDE mEq/l		CALCIUM mg/dl		INORGANIC PHOSPHORUS mg/dl	
Control	5	18.3±	0.9	0.5±	0.0	142±	1	3.5±	0.2	104±	1	10.3±	0.2	7.7±	1.0
50ppm	5	17.9±	1.8	0.5±	0.0	142±	2	3.5±	0.3	106±	2	10.2±	0.2	7.6±	1.3
100ppm	5	16.8±	0.4	0.5±	0.0	143±	1	3.4±	0.2	106±	1	10.1±	0.3	7.4±	0.9
200ppm	5	18.1±	1.4	0.5±	0.0	142±	2	3.5±	0.2	106±	1	10.1±	0.3	7.6±	0.9
400ppm	5	17.0±	0.7	0.5±	0.0	142±	1	3.5±	0.2	106±	2	10.1±	0.3	7.5±	1.4
800ppm	5	19.2±	1.9	0.5±	0.1	141±	0	3.6±	0.2	104±	2	10.3±	0.2	7.4±	0.8

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

Test of Dunnett

(HCL074)

BAIS 4

TABLE H1

GROSS FINDINGS : MALE

STUDY NO. : 0735
ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 1

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

(HPT080)

BAIS 4

STUDY NO. : 0735
ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 2

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

(HPT080)

BAIS 4

TABLE H2

GROSS FINDINGS : FEMALE

STUDY NO. : 0735
ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
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	(%)
liver	herniation		0	(0)	0	(0)	0	(0)	0	(0)

(HPT080)

BAIS 4

STUDY NO. : 0735
ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
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	(%)
liver	herniation			0	(0)	1	(20)

(HPT080)

BAIS 4

TABLE I1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0735
 ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
 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	149±	7	0.276±	0.020	0.044±	0.006	2.262±	0.120	0.600±	0.037	0.692±	0.025
50ppm	5	148±	5	0.257±	0.014	0.041±	0.004	2.273±	0.156	0.609±	0.028	0.679±	0.026
100ppm	5	145±	6	0.265±	0.020	0.041±	0.005	2.274±	0.152	0.607±	0.019	0.684±	0.023
200ppm	5	146±	9	0.251±	0.019	0.038±	0.001	2.289±	0.099	0.609±	0.061	0.672±	0.048
400ppm	5	140±	6	0.231±	0.024**	0.038±	0.003	2.205±	0.175	0.597±	0.034	0.660±	0.035
800ppm	5	132±	9**	0.157±	0.019**	0.034±	0.002**	1.639±	0.128**	0.610±	0.040	0.631±	0.026

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

Test of Dunnett

(HCL040)

BAIS 4

STUDY NO. : 0735
ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
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	1.203±	0.079	0.371±	0.038	4.490±	0.310	1.698±	0.034
50ppm	5	1.203±	0.046	0.360±	0.007	4.350±	0.150	1.690±	0.036
100ppm	5	1.239±	0.041	0.345±	0.028	4.353±	0.284	1.679±	0.024
200ppm	5	1.199±	0.070	0.341±	0.040	4.290±	0.300	1.695±	0.029
400ppm	5	1.173±	0.073	0.333±	0.022	4.055±	0.184*	1.677±	0.047
800ppm	5	1.138±	0.052	0.313±	0.024	3.710±	0.252**	1.660±	0.019

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

Test of Dunnett

(HCL040)

BAIS 4

TABLE I2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0735
 ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
 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	100±	4	0.228±	0.020	0.040±	0.003	0.063±	0.005	0.447±	0.008	0.526±	0.019
50ppm	5	97±	7	0.193±	0.018*	0.040±	0.003	0.062±	0.011	0.446±	0.026	0.515±	0.025
100ppm	5	96±	4	0.192±	0.020*	0.042±	0.004	0.058±	0.010	0.451±	0.010	0.516±	0.021
200ppm	5	97±	3	0.214±	0.021	0.041±	0.002	0.068±	0.009	0.442±	0.022	0.511±	0.017
400ppm	5	93±	3*	0.175±	0.009**	0.039±	0.002	0.061±	0.008	0.442±	0.018	0.485±	0.027
800ppm	5	90±	3**	0.117±	0.017**	0.036±	0.003	0.054±	0.008	0.440±	0.017	0.509±	0.040

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

Test of Dunnett

(HCL040)

BAIS 4

STUDY NO. : 0735
ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
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	0.859±	0.015	0.268±	0.018	2.970±	0.109	1.570±	0.018
50ppm	5	0.841±	0.054	0.248±	0.016	2.881±	0.214	1.537±	0.032
100ppm	5	0.835±	0.051	0.247±	0.025	2.855±	0.102	1.549±	0.030
200ppm	5	0.850±	0.031	0.250±	0.017	2.939±	0.142	1.535±	0.023
400ppm	5	0.810±	0.032	0.228±	0.012	2.731±	0.098	1.526±	0.033
800ppm	5	0.795±	0.024	0.234±	0.027	2.748±	0.117	1.519±	0.019

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

Test of Dunnett

(HCL040)

BAIS 4

TABLE J1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0735
ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
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	149± 7	0.185± 0.006	0.030± 0.003	1.516± 0.044	0.402± 0.014	0.464± 0.018
50ppm	5	148± 5	0.174± 0.007	0.028± 0.003	1.537± 0.071	0.413± 0.023	0.460± 0.022
100ppm	5	145± 6	0.183± 0.015	0.029± 0.003	1.572± 0.071	0.420± 0.017	0.473± 0.023
200ppm	5	146± 9	0.172± 0.010	0.026± 0.001	1.574± 0.045	0.418± 0.020	0.462± 0.009
400ppm	5	140± 6	0.165± 0.011*	0.027± 0.002	1.577± 0.091	0.427± 0.011	0.472± 0.012
800ppm	5	132± 9**	0.119± 0.007**	0.025± 0.003	1.242± 0.057**	0.463± 0.019**	0.479± 0.018

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

Test of Dunnett

(HCL042)

BAIS 4

STUDY NO. : 0735
ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
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	0.805± 0.016	0.248± 0.017	3.007± 0.068	1.139± 0.040
50ppm	5	0.814± 0.014	0.244± 0.007	2.944± 0.077	1.144± 0.043
100ppm	5	0.857± 0.012**	0.238± 0.012	3.008± 0.073	1.162± 0.047
200ppm	5	0.824± 0.019	0.234± 0.017	2.946± 0.060	1.167± 0.062
400ppm	5	0.839± 0.018*	0.238± 0.008	2.901± 0.076	1.201± 0.041
800ppm	5	0.863± 0.020**	0.237± 0.004	2.811± 0.045**	1.262± 0.083**

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

Test of Dunnett

(HCL042)

BAIS 4

TABLE J2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0735
 ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
 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	100±	4	0.228± 0.021	0.040± 0.002	0.063± 0.005	0.447± 0.015	0.525± 0.021
50ppm	5	97±	7	0.199± 0.012*	0.041± 0.001	0.063± 0.007	0.460± 0.034	0.531± 0.027
100ppm	5	96±	4	0.200± 0.014	0.044± 0.003	0.060± 0.010	0.471± 0.016	0.539± 0.029
200ppm	5	97±	3	0.221± 0.020	0.042± 0.002	0.071± 0.008	0.458± 0.022	0.529± 0.009
400ppm	5	93±	3*	0.188± 0.009**	0.042± 0.003	0.065± 0.009	0.475± 0.021	0.522± 0.025
800ppm	5	90±	3**	0.130± 0.019**	0.040± 0.003	0.060± 0.009	0.489± 0.028	0.566± 0.047

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

Test of Dunnett

(HCL042)

BAIS 4

STUDY NO. : 0735
ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
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	0.858± 0.020	0.268± 0.015	2.964± 0.055	1.568± 0.058
50ppm	5	0.865± 0.012	0.256± 0.006	2.965± 0.044	1.587± 0.098
100ppm	5	0.872± 0.031	0.258± 0.028	2.981± 0.026	1.619± 0.059
200ppm	5	0.880± 0.020	0.259± 0.011	3.043± 0.137	1.590± 0.044
400ppm	5	0.871± 0.018	0.246± 0.017	2.938± 0.098	1.642± 0.038
800ppm	5	0.883± 0.025	0.259± 0.026	3.054± 0.113	1.689± 0.055

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. : 0735
 ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
 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	1	2	3	4	1	2	3	4	
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

{Reproductive system}

testis	tubular atrophy	< 5>				< 5>				< 5>				< 5>			
		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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Chi Square

(HPT150)

BAIS4

STUDY NO. : 0735
 ANIMAL : RAT F344/DuCr1Cr1j[F344/DuCrj]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

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	tubular atrophy	< 5>				< 5>			
		0	0	0	0	5 *	0	0	0 *
		(0)	(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 : 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