

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

試験番号 : 0758

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**TABLE A**

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

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

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

**TABLE B1**

**SURVIVAL ANIMAL NUMBERS : MALE**

STUDY NO. : 0758

ANIMAL : MOUSE B6D2F1/Cr1j[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/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0
5ppm	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
10ppm	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
20ppm	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
40ppm	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
80ppm	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	4/ 5 80.0	2/ 5 40.0	1/ 5 20.0	1/ 5 20.0
		Number of survival/ Number of effective animals Survival rate(%)													

STUDY NO. : 0758

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 2

SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 2

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

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

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(HAN360)

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**TABLE B2**

**SURVIVAL ANIMAL NUMBERS : FEMALE**

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[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/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0	5/ 5 100.0
5ppm	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
10ppm	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
20ppm	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
40ppm	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
80ppm	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	3/ 5 60.0	1/ 5 20.0	1/ 5 20.0	1/ 5 20.0

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

STUDY NO. : 0758

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
5ppm	5	5/ 5 100.0
10ppm	5	5/ 5 100.0
20ppm	5	5/ 5 100.0
40ppm	5	5/ 5 100.0
80ppm	5	1/ 5 20.0

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

(HAN360)

BAIS4

**TABLE C1**

**CLINICAL OBSERVATION : MALE**

STUDY NO. : 0758  
 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	1-2	1-3	1-4	1-6	1-7	2-1	2-2	2-3	2-3	2-4	2-5	2-6	2-7
		A	B	B	A	B	A	B	B	A	B	A	A	B	A
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	0	1	1	3	4	4	4
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	1	0	4	1	0	0	0
PILOERECTON	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	0	0	4	2	1	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	0	0	3	1	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	1	1	5	5	5	5	5	0	5	1
	80ppm	0	5	5	5	5	5	5	5	4	4	2	0	1	1
DYSPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	80ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0

STUDY NO. : 0758  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 2

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Clinical sign	Group Name	Administration Week-day
		2-7
		B

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DEATH	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	4
LOCOMOTOR MOVEMENT DECR	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1
PILOBRECTION	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1
FROG BELLY	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	0
CORNEAL OPACITY	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	1
	80ppm	1
DYSPNEA	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	0

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 3

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

STUDY NO. : 0758  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDf1]  
REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 4

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Clinical sign	Group Name	Administration Week-day
		2-7
		B

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IRREGULAR BREATHING	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1
RESPIRATORY SOUND ABNOR	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1
NOISY	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	0
SUBNORMAL TEMP	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1



**TABLE C2**

**CLINICAL OBSERVATION : FEMALE**

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 5

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

STUDY NO. : 0758  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day
		2-7
		B

---

DEATH	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	4
LOCOMOTOR MOVEMENT DECR	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1
PILOBRECTION	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1
FROG BELLY	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1
CORNEAL OPACITY	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	4
	80ppm	1
DYSPNEA	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 7

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

STUDY NO. : 0758  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 8

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Clinical sign	Group Name	Administration Week-day
		2-7
		B

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IRREGULAR BREATHING	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	1
	80ppm	1
RESPIRATORY SOUND ABNOR	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	1
	80ppm	1
NOISY	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	0
SUBNORMAL TEMP	Control	0
	5ppm	0
	10ppm	0
	20ppm	0
	40ppm	0
	80ppm	1

**TABLE D1**

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

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 2  
 SEX : MALE

MEAN BODY WEIGHTS AND SURVIVAL

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

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

**TABLE D2**

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



STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 2  
 SEX : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

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

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

**TABLE D3**

**BODY WEIGHT CHANGES : MALE**

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 2  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

Group Name	Administration week-day					
	0-0	1-2	1-4	1-7	2-3	2-7
Control	23.2± 0.8	23.3± 0.7	24.0± 0.7	24.3± 0.7	24.5± 0.8	25.4± 0.9
5ppm	23.2± 0.9	23.2± 1.0	23.8± 0.8	24.0± 0.8	24.3± 1.1	25.0± 0.7
10ppm	23.2± 1.0	23.2± 0.7	23.8± 0.8	24.1± 1.1	24.7± 0.7	24.9± 1.1
20ppm	23.2± 0.9	22.8± 0.8	23.1± 0.8	23.5± 0.8	24.1± 0.9	24.5± 0.9
40ppm	23.2± 0.9	23.0± 1.0	22.2± 0.8**	22.5± 0.9*	21.0± 1.1**	21.7± 1.2**
80ppm	23.2± 1.0	21.3± 0.8**	19.7± 0.9**	17.3± 1.0**	14.6± 0.4**	13.9 ?

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

? : Significant test is not applied, because No. of data in this group is less than 3.

**TABLE D4**

**BODY WEIGHT CHANGES : FEMALE**

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 2  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

Group Name	Administration week-day					
	0-0	1-2	1-4	1-7	2-3	2-7
Control	18.9± 0.9	18.4± 0.6	18.7± 0.8	19.1± 0.4	19.8± 1.4	20.4± 0.9
5ppm	18.8± 0.9	18.6± 0.9	19.1± 0.8	20.0± 1.0	20.0± 0.5	20.8± 0.8
10ppm	18.9± 0.9	18.1± 1.1	18.6± 0.5	18.6± 0.9	20.2± 1.1	20.8± 1.0
20ppm	18.9± 1.0	18.2± 0.5	19.0± 0.9	19.1± 1.2	20.0± 0.7	20.0± 1.1
40ppm	18.9± 0.8	18.0± 0.8	17.9± 0.7	17.9± 0.6	16.3± 0.8**	17.7± 0.6**
80ppm	18.9± 0.9	17.3± 0.7	16.4± 0.9**	14.4± 0.8**	12.4± 0.8**	11.9 ?

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

? : Significant test is not applied, because No. of data in this group is less than 3.

**TABLE E1**

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

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 2  
 SEX : MALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

Week-Day on Study	Control		5ppm		10ppm		20ppm		40ppm		80ppm						
	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	4.7 ( 5)	5/ 5	4.4 ( 5)	94	5/ 5	4.5 ( 5)	96	5/ 5	4.2 ( 5)	89	5/ 5	3.8 ( 5)	81	5/ 5	2.4 ( 5)	51	5/ 5
2-7	4.2 ( 5)	5/ 5	4.3 ( 5)	102	5/ 5	4.2 ( 5)	100	5/ 5	4.1 ( 5)	98	5/ 5	3.2 ( 5)	76	5/ 5	2.2 ( 1)	52	1/ 5
		< >:No. of effective animals, ( ):No. of measured animals				Av. FC. : g											

**TABLE E2**

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



STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 2  
 SEX : FEMALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

Week-Day on Study	Control		5ppm		10ppm		20ppm		40ppm		80ppm						
	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	3.7 ( 5)	5/ 5	3.9 ( 5)	105	5/ 5	3.6 ( 5)	97	5/ 5	3.7 ( 5)	100	5/ 5	3.1 ( 5)	84	5/ 5	2.3 ( 5)	62	5/ 5
2-7	3.9 ( 5)	5/ 5	4.0 ( 5)	103	5/ 5	4.0 ( 5)	103	5/ 5	3.8 ( 5)	97	5/ 5	2.9 ( 5)	74	5/ 5	1.4 ( 1)	36	1/ 5

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

**TABLE E3**

**FOOD CONSUMPTION CHANGES : MALE**

STUDY NO. : 0758  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 2  
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

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

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

? : Significant test is not applied, because No. of data in this group is less than 3.

**TABLE E4**

**FOOD CONSUMPTION CHANGES : FEMALE**

STUDY NO. : 0758  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 2  
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

Group Name	Administration week-day(effective)	
	1-7(6)	2-7(7)
Control	3.7± 0.3	3.9± 0.2
5ppm	3.9± 0.3	4.0± 0.2
10ppm	3.6± 0.2	4.0± 0.2
20ppm	3.7± 0.2	3.8± 0.3
40ppm	3.1± 0.3**	2.9± 0.1**
80ppm	2.3± 0.2**	1.4 ?

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

? : Significant test is not applied, because No. of data in this group is less than 3.

**TABLE F1**

**HEMATOLOGY : MALE**

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/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 <sup>6</sup> /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 <sup>3</sup> /μl	
Control	5	11.53±	0.13	17.3±	0.2	55.9±	1.3	48.5±	0.9	15.0±	0.1	31.0±	0.7	1102±	49
5ppm	5	11.46±	0.24	17.0±	0.3	55.8±	1.3	48.8±	0.3	14.8±	0.2*	30.3±	0.6	1158±	111
10ppm	5	11.42±	0.35	17.0±	0.4	55.2±	1.3	48.4±	0.4	14.9±	0.1	30.8±	0.2	1128±	25
20ppm	5	11.32±	0.09	16.8±	0.2	54.6±	1.0	48.1±	1.1	14.8±	0.1*	30.7±	0.6	1117±	53
40ppm	5	11.28±	0.26	16.7±	0.4	53.9±	1.1	47.8±	1.0	14.8±	0.1	31.0±	0.7	1030±	73
80ppm	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Significant difference ; \* : P ≤ 0.05    \*\* : P ≤ 0.01

Test of Dunnett

STUDY NO. : 0758  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
MEASURE. TIME : 1  
SEX : MALE

HEMATOLOGY (SUMMARY)  
ALL ANIMALS ( 3W)

REPORT TYPE : A1

PAGE : 2

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

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

Test of Dunnett



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

HEMATOLOGY (SUMMARY)  
 ALL ANIMALS ( 3W)

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

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

**TABLE F2**

**HEMATOLOGY : FEMALE**

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)  
 ALL ANIMALS ( 3W)

Group Name	NO. of Animals	RED BLOOD CELL 10 <sup>6</sup> /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 <sup>3</sup> /μl	
Control	5	11.42±	0.10	17.3±	0.2	55.1±	0.6	48.2±	0.7	15.1±	0.2	31.4±	0.3	1031±	95
5ppm	5	11.22±	0.30	16.8±	0.4	53.7±	1.5	47.8±	1.1	15.0±	0.2	31.5±	0.4	995±	25
10ppm	5	11.33±	0.44	17.0±	0.8	54.2±	1.8	47.8±	0.4	15.0±	0.2	31.3±	0.5	996±	18
20ppm	5	11.24±	0.25	16.8±	0.4	52.9±	1.0*	47.1±	0.3*	14.9±	0.2	31.7±	0.2	995±	39
40ppm	5	11.03±	0.33	16.4±	0.5	51.8±	1.3**	47.0±	0.5*	14.8±	0.2	31.5±	0.4	956±	45
80ppm	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Significant difference ; \* : P ≤ 0.05 \*\* : P ≤ 0.01

Test of Dunnett

STUDY NO. : 0758  
ANIMAL : MOUSE B6D2F1/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	2.1± 0.3
5ppm	5	2.4± 0.5
10ppm	5	1.8± 0.3
20ppm	5	2.0± 0.3
40ppm	5	2.4± 0.3
80ppm	0	-

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : FEMALE

HEMATOLOGY (SUMMARY)  
 ALL ANIMALS ( 3W)

REPORT TYPE : A1

PAGE : 6

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

Significant difference ; \* : P ≤ 0.05    \*\* : P ≤ 0.01

Test of Dunnett

**TABLE G1**

**BIOCHEMISTRY : MALE**

STUDY NO. : 0758

ANIMAL : MOUSE B6D2F1/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	5.4±	0.2	2.9±	0.2	1.2±	0.1	0.12±	0.01	231±	29	95±	10	39±	13
5ppm	5	5.4±	0.2	2.9±	0.1	1.2±	0.0	0.11±	0.01	210±	29	93±	7	35±	13
10ppm	5	5.4±	0.1	2.9±	0.0	1.2±	0.1	0.11±	0.01	229±	16	93±	12	33±	9
20ppm	5	5.2±	0.1	2.8±	0.0	1.2±	0.1	0.11±	0.01	221±	26	93±	10	34±	9
40ppm	5	5.1±	0.1*	2.8±	0.1	1.2±	0.1	0.14±	0.00**	182±	27*	83±	6	16±	5**
80ppm	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Significant difference ; \* : P ≤ 0.05

\*\* : P ≤ 0.01

Test of Dunnett

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : MALE

BIOCHEMISTRY (SUMMARY)  
 ALL ANIMALS ( 3W)

REPORT TYPE : A1

Group Name	NO. of Animals	PHOSPHOLIPID mg/dℓ		AST IU/ℓ		ALT IU/ℓ		LDH IU/ℓ		ALP IU/ℓ		G-GTP IU/ℓ		CK IU/ℓ	
Control	5	200±	17	37±	4	15±	1	144±	37	417±	28	0±	1	77±	19
5ppm	5	192±	15	38±	2	15±	1	125±	30	434±	26	1±	1	58±	11
10ppm	5	194±	21	39±	2	16±	2	123±	15	441±	43	0±	1	58±	16
20ppm	5	191±	22	37±	3	15±	2	114±	13	429±	27	1±	1	53±	6
40ppm	5	147±	10**	39±	4	20±	6	153±	96	396±	36	1±	0	55±	12
80ppm	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Significant difference ; \* : P ≤ 0.05    \*\* : P ≤ 0.01

Test of Dunnett



STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/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	26.2±	4.3	151±	2	4.6±	0.4	117±	2	8.9±	0.3	7.5±	0.5
5ppm	5	24.2±	2.0	151±	1	4.4±	0.4	118±	1	9.0±	0.2	7.4±	0.6
10ppm	5	24.5±	2.7	150±	1	4.3±	0.2	117±	1	9.0±	0.2	7.4±	1.6
20ppm	5	23.9±	3.3	151±	1	4.4±	0.3	118±	0	8.8±	0.3	7.4±	0.8
40ppm	5	20.1±	3.5	151±	1	4.6±	0.2	116±	1	8.9±	0.1	7.3±	0.8
80ppm	0	-	-	-	-	-	-	-	-	-	-	-	-

Significant difference ; \* : P ≤ 0.05    \*\* : P ≤ 0.01

Test of Dunnett

**TABLE G2**

**BIOCHEMISTRY : FEMALE**

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)  
 ALL ANIMALS ( 3W)

Group Name	NO. of Animals	TOTAL PROTEIN g/dℓ		ALBUMIN g/dℓ		A/G RATIO		T-BILIRUBIN mg/dℓ		GLUCOSE mg/dℓ		T-CHOLESTEROL mg/dℓ		TRIGLYCERIDE mg/dℓ	
Control	5	5.4±	0.1	3.2±	0.1	1.5±	0.1	0.11±	0.01	188±	19	74±	9	22±	8
5ppm	5	5.4±	0.2	3.3±	0.1	1.5±	0.0	0.11±	0.00	186±	22	75±	7	21±	7
10ppm	5	5.4±	0.1	3.2±	0.1	1.5±	0.1	0.11±	0.01	188±	23	73±	7	23±	7
20ppm	5	5.2±	0.1	3.1±	0.1	1.5±	0.0	0.12±	0.01	179±	15	76±	8	24±	7
40ppm	5	5.2±	0.1	3.0±	0.1*	1.4±	0.1	0.13±	0.01	167±	22	75±	7	15±	7
80ppm	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Significant difference ; \* : P ≤ 0.05 \*\* : P ≤ 0.01

Test of Dunnett

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)  
 ALL ANIMALS ( 3W)

REPORT TYPE : A1

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

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

Test of Dunnett

STUDY NO. : 0758  
 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	22.4±	2.5	150±	1	4.5±	0.4	118±	2	8.9±	0.1	6.8±	0.9
5ppm	5	24.1±	1.6	150±	1	4.5±	0.5	118±	2	8.8±	0.2	6.6±	0.9
10ppm	5	22.3±	2.1	150±	1	4.6±	0.2	118±	1	8.8±	0.2	6.4±	0.6
20ppm	5	21.6±	3.0	150±	1	4.4±	0.4	118±	1	8.8±	0.1	6.9±	1.3
40ppm	5	20.5±	2.1	151±	2	4.5±	0.3	116±	1	9.0±	0.2	7.8±	1.4
80ppm	0	-	-	-	-	-	-	-	-	-	-	-	-

Significant difference ; \* : P ≤ 0.05    \*\* : P ≤ 0.01

Test of Dunnett

**TABLE H1**

**GROSS FINDINGS : MALE**

STUDY NO. : 0758  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

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

STUDY NO. : 0758  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 2

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

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(HPT080)

BAIS 4



**TABLE H2**

**GROSS FINDINGS : FEMALE**

STUDY NO. : 0758  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDf1]  
REPORT TYPE : A1  
SEX : FEMALE

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

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

STUDY NO. : 0758  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE

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

PAGE : 4

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

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(HPT080)

BAIS 4

**TABLE I1**

**ORGAN WEIGHT, ABSOLUTE : MALE**

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE  
 UNIT: g

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

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

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

Test of Dunnett

STUDY NO. : 0758  
 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	0.334±	0.018	0.041±	0.003	0.893±	0.070	0.424±	0.014
5ppm	5	0.337±	0.004	0.043±	0.002	0.897±	0.032	0.427±	0.006
10ppm	5	0.327±	0.014	0.044±	0.007	0.897±	0.056	0.419±	0.005
20ppm	5	0.327±	0.006	0.042±	0.001	0.883±	0.029	0.416±	0.014
40ppm	5	0.305±	0.013**	0.034±	0.005	0.737±	0.042**	0.409±	0.021
80ppm	0	-	-	-	-	-	-	-	-

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

Test of Dunnett

**TABLE I2**

**ORGAN WEIGHT, ABSOLUTE : FEMALE**

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE  
 UNIT: g

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

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

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

Test of Dunnett



STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE  
 UNIT: g

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

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

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

Test of Dunnett

**TABLE J1**

**ORGAN WEIGHT, RELATIVE : MALE**

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE  
 UNIT: %

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

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

Significant difference : \* : P ≤ 0.05    \*\* : P ≤ 0.01

Test of Dunnett

STUDY NO. : 0758  
ANIMAL : MOUSE B6D2F1/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	1.550± 0.100	0.191± 0.020	4.138± 0.251	1.969± 0.076
5ppm	5	1.596± 0.055	0.203± 0.009	4.247± 0.117	2.021± 0.040
10ppm	5	1.554± 0.041	0.210± 0.024	4.261± 0.052	1.996± 0.124
20ppm	5	1.569± 0.038	0.202± 0.006	4.242± 0.051	2.001± 0.121
40ppm	5	1.678± 0.041*	0.189± 0.020	4.060± 0.163	2.253± 0.152**
80ppm	0	-	-	-	-

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

Test of Dunnett

**TABLE J2**

**ORGAN WEIGHT, RELATIVE : FEMALE**

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE  
 UNIT: %

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

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

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

Test of Dunnett

STUDY NO. : 0758  
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	1.467± 0.033	0.260± 0.008	4.279± 0.132	2.539± 0.077
5ppm	5	1.495± 0.019	0.269± 0.020	4.321± 0.112	2.558± 0.008
10ppm	5	1.506± 0.052	0.294± 0.062	4.303± 0.228	2.496± 0.136
20ppm	5	1.470± 0.057	0.275± 0.018	4.185± 0.151	2.542± 0.077
40ppm	5	1.602± 0.032**	0.194± 0.016*	4.242± 0.199	2.816± 0.141*
80ppm	0	-	-	-	-

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

Test of Dunnett

**TABLE K1**

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



STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

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

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

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

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

{Special sense organs/appendage}

eye		< 5>				< 5>							
	erosion:cornea	0	0	0	0	1	0	0	0				
		( 0)	( 0)	( 0)	( 0)	( 20)	( 0)	( 0)	( 0)				

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

**TABLE K2**

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

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

Organ	Findings	Control				5ppm				10ppm				20ppm			
		No. of Animals on Study				5				5				5			
Grade		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																	
nasal cavit																	
	polyp	< 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)
	disarrangement:olfactory epithelium	0	0	0	0	0	0	0	0	1	0	0	0	5	0	0	0
		( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 20)	( 0)	( 0)	( 0)	( 100)	( 0)	( 0)	( 0)
	respiratory metaplasia:olfactory epithelium	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 20)	( 0)	( 0)	( 0)
	atrophy:olfactory epithelium	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
		( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 60)	( 0)	( 0)	( 0)
	necrosis:olfactory epithelium	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
		( 0)	( 0)	( 0)	( 0)	( 20)	( 0)	( 0)	( 0)	( 20)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
	necrosis:respiratory epithelium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
	hyperplasia:respiratory epithelium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)

{Special sense organs/appendage}

eye																	
	erosion:cornea	< 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

STUDY NO. : 0758  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

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

{Special sense organs/appendage}

eye									
	erosion:cornea	< 5>				< 5>			
		0	0	0	0	1	0	0	0
		( 0)	( 0)	( 0)	( 0)	( 20)	( 0)	( 0)	( 0)

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