

アクロレイン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 : 0777

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TABLE A

**CONCENTRATIONS OF ACROLEIN IN THE INHALATION
CHAMBER OF THE 2-WEEK INHALATION STUDY**

CONCENTRATIONS OF ACROLEIN IN THE INHALATION
CHAMBER OF THE 2-WEEK INHALATION STUDY

Group Name	Concentration(ppm) Mean \pm S.D.
Control	0.00 \pm 0.00
0.1 ppm	0.10 \pm 0.00
0.3 ppm	0.30 \pm 0.01
1 ppm	0.99 \pm 0.04
3 ppm	2.96 \pm 0.08
10 ppm	9.93 \pm 0.29

TABLE B1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0777
 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
0.1ppm	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
0.3ppm	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
1ppm	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
3ppm	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	3/ 5 60.0	3/ 5 60.0	2/ 5 40.0	2/ 5 40.0	2/ 5 40.0	2/ 5 40.0
		Number of survival/ Number of effective animals Survival rate(%)													

STUDY NO. : 0777
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 2
SEX : MALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Days) 2-7
Control	5	5/ 5 100.0
0.1ppm	5	5/ 5 100.0
0.3ppm	5	5/ 5 100.0
1ppm	5	5/ 5 100.0
3ppm	5	5/ 5 100.0
10ppm	5	2/ 5 40.0

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

TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0777

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]

REPORT TYPE : A1 2

SEX : FEMALE

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
0.1ppm	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
0.3ppm	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
1ppm	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
3ppm	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	4/ 5 80.0	3/ 5 60.0	3/ 5 60.0	3/ 5 60.0	3/ 5 60.0
		Number of survival/ Number of effective animals Survival rate(%)													

STUDY NO. : 0777
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 2
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Days) 2-7
Control	5	5/ 5 100.0
0.1ppm	5	5/ 5 100.0
0.3ppm	5	5/ 5 100.0
1ppm	5	5/ 5 100.0
3ppm	5	5/ 5 100.0
10ppm	5	2/ 5 40.0

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

TABLE C1

CLINICAL OBSERVATION : MALE

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrLj[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	1-4	1-5	1-7	2-1	2-3	2-4	2-6	2-7
		1	1	2	2	1	1	1	2	2	1
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	0	0
	10ppm	1	0	0	5	2	2	0	2	0	0
WEAKNESS	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	1	0	0	0	0
PILOBRECTION	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	1	0
	10ppm	0	0	0	3	4	2	0	0	0	1
DYSPNEA	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	0	0
	10ppm	1	0	4	5	1	2	0	2	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	1	0	4	1	2	0	2	2
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	1	0
	10ppm	0	0	1	0	0	0	2	2	2	2

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

PAGE : 2

Clinical sign	Group Name	Administration Week-day									
		1-2	1-4	1-4	1-5	1-7	2-1	2-3	2-4	2-6	2-7
		1	1	2	2	1	1	1	2	2	1
NOISY	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	1	0
	10ppm	0	0	1	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	1	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	1	0	0	0	0

TABLE C2

CLINICAL OBSERVATION : FEMALE

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

PAGE : 3

Clinical sign	Group Name	Administration Week-day									
		1-2	1-4	1-4	1-5	1-7	2-1	2-3	2-4	2-6	2-7
		1	1	2	2	1	1	1	2	2	1
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	5	0	0	0	1	2	0
PILOBRECTION	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	1	1	1	0	2
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	0	1	1
DYSPNEA	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	3	5	0	1	0	1	2	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	1	0	5	4	0	1	1	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	2	0	0	1	0	2	2	2

STUDY NO. : 0777
 ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

Clinical sign	Group Name	Administration Week-day									
		1-2	1-4	1-4	1-5	1-7	2-1	2-3	2-4	2-6	2-7
		1	1	2	2	1	1	1	2	2	1
NOISY	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	1	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0
	0.3ppm	0	0	0	0	0	0	0	0	0	0
	1ppm	0	0	0	0	0	0	0	0	0	0
	3ppm	0	0	0	0	0	0	0	0	0	0
	10ppm	0	0	0	0	0	0	0	1	1	0

TABLE D1

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

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 2
 SEX : MALE

MEAN BODY WEIGHTS AND SURVIVAL

Week-Day on Study	Control		0.1ppm		0.3ppm		1ppm		3ppm		10ppm						
	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.			
0-0	23.6 (5)	5/ 5	23.6 (5)	100	5/ 5	23.6 (5)	100	5/ 5	23.7 (5)	100	5/ 5	23.7 (5)	100	5/ 5	23.6 (5)	100	5/ 5
1-2	23.8 (5)	5/ 5	23.7 (5)	100	5/ 5	23.9 (5)	100	5/ 5	23.2 (5)	97	5/ 5	22.0 (5)	92	5/ 5	19.6 (5)	82	5/ 5
1-4	24.7 (5)	5/ 5	23.8 (5)	96	5/ 5	24.0 (5)	97	5/ 5	23.7 (5)	96	5/ 5	22.9 (5)	93	5/ 5	19.7 (5)	80	5/ 5
1-7	25.3 (5)	5/ 5	24.8 (5)	98	5/ 5	24.9 (5)	98	5/ 5	24.2 (5)	96	5/ 5	22.2 (5)	88	5/ 5	15.8 (5)	62	5/ 5
2-3	25.3 (5)	5/ 5	24.7 (5)	98	5/ 5	25.2 (5)	100	5/ 5	24.4 (5)	96	5/ 5	22.5 (5)	89	5/ 5	17.5 (2)	69	2/ 5
2-7	26.0 (5)	5/ 5	25.2 (5)	97	5/ 5	25.7 (5)	99	5/ 5	24.9 (5)	96	5/ 5	22.4 (5)	86	5/ 5	15.2 (2)	58	2/ 5

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

TABLE D2

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

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 2
 SEX : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

Week-Day on Study	Control		0.1ppm			0.3ppm			1ppm			3ppm			10ppm		
	Av. Wt.	No. of Surviv. < 5>	Av. Wt.	% of cont. < 5>	No. of Surviv.	Av. Wt.	% of cont. < 5>	No. of Surviv.	Av. Wt.	% of cont. < 5>	No. of Surviv.	Av. Wt.	% of cont. < 5>	No. of Surviv.	Av. Wt.	% of cont. < 5>	No. of Surviv.
0-0	19.3 (5)	5/ 5	19.3 (5)	100	5/ 5	19.3 (5)	100	5/ 5	19.3 (5)	100	5/ 5	19.2 (5)	99	5/ 5	19.3 (5)	100	5/ 5
1-2	18.9 (5)	5/ 5	19.2 (5)	102	5/ 5	19.1 (5)	101	5/ 5	19.2 (5)	102	5/ 5	18.5 (5)	98	5/ 5	16.0 (5)	85	5/ 5
1-4	19.0 (5)	5/ 5	19.1 (5)	101	5/ 5	19.5 (5)	103	5/ 5	19.1 (5)	101	5/ 5	19.4 (5)	102	5/ 5	16.7 (5)	88	5/ 5
1-7	20.6 (5)	5/ 5	20.4 (5)	99	5/ 5	20.4 (5)	99	5/ 5	20.5 (5)	100	5/ 5	18.9 (5)	92	5/ 5	14.0 (5)	68	5/ 5
2-3	19.8 (5)	5/ 5	20.5 (5)	104	5/ 5	20.9 (5)	106	5/ 5	20.0 (5)	101	5/ 5	19.1 (5)	96	5/ 5	14.9 (3)	75	3/ 5
2-7	20.2 (5)	5/ 5	21.0 (5)	104	5/ 5	21.2 (5)	105	5/ 5	20.8 (5)	103	5/ 5	19.7 (5)	98	5/ 5	12.2 (2)	60	2/ 5

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

TABLE D3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDFl]
 UNIT : g
 REPORT TYPE : A1 2
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week-day					
	0-0	1-2	1-4	1-7	2-3	2-7
Control	23.6± 1.0	23.8± 1.0	24.7± 1.1	25.3± 0.9	25.3± 1.0	26.0± 1.2
0.1ppm	23.6± 1.0	23.7± 1.0	23.8± 0.9	24.8± 0.8	24.7± 1.1	25.2± 1.1
0.3ppm	23.6± 0.9	23.9± 1.2	24.0± 0.9	24.9± 0.8	25.2± 0.8	25.7± 0.6
1ppm	23.7± 0.8	23.2± 1.1	23.7± 1.1	24.2± 1.1	24.4± 1.2	24.9± 1.3
3ppm	23.7± 0.9	22.0± 0.6*	22.9± 0.5*	22.2± 0.8**	22.5± 0.6**	22.4± 0.5**
10ppm	23.6± 0.9	19.6± 0.5**	19.7± 0.7**	15.8± 0.7**	17.5± 0.4 ?	15.2± 0.7 ?

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. : 0777
 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	19.3± 0.7	18.9± 0.3	19.0± 0.9	20.6± 0.7	19.8± 0.7	20.2± 0.6
0.1ppm	19.3± 0.7	19.2± 1.1	19.1± 0.6	20.4± 1.1	20.5± 0.4	21.0± 0.7
0.3ppm	19.3± 0.7	19.1± 1.3	19.5± 0.3	20.4± 1.1	20.9± 0.5	21.2± 0.5
1ppm	19.3± 0.9	19.2± 0.8	19.1± 0.9	20.5± 0.8	20.0± 0.9	20.8± 1.2
3ppm	19.2± 0.9	18.5± 1.0	19.4± 0.6	18.9± 0.4*	19.1± 0.8	19.7± 0.6
10ppm	19.3± 0.8	16.0± 0.5**	16.7± 0.5**	14.0± 1.2**	14.9± 1.3**	12.2± 0.2 ?

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 E1

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

STUDY NO. : 0777
 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		0.1ppm			0.3ppm			1ppm			3ppm			10ppm		
	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	4.9 (5)	5/ 5	4.8 (5)	98	5/ 5	4.8 (5)	98	5/ 5	4.5 (5)	92	5/ 5	3.6 (5)	73	5/ 5	1.9 (5)	39	5/ 5
2-7	4.5 (5)	5/ 5	4.6 (5)	102	5/ 5	4.5 (5)	100	5/ 5	4.6 (5)	102	5/ 5	3.8 (5)	84	5/ 5	3.0 (2)	67	2/ 5

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

TABLE E2

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

STUDY NO. : 0777
 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		0.1ppm		0.3ppm		1ppm		3ppm		10ppm						
	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	4.2 (5)	105	5/ 5	4.1 (5)	103	5/ 5	4.2 (5)	105	5/ 5	3.4 (5)	85	5/ 5	2.2 (5)	55	5/ 5
2-7	3.7 (5)	5/ 5	4.2 (5)	114	5/ 5	4.2 (5)	114	5/ 5	4.2 (5)	114	5/ 5	3.6 (5)	97	5/ 5	2.6 (1)	70	2/ 5

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

(B10040)

BAIS 4

TABLE E3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0777
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	4.9± 0.1	4.5± 0.2
0.1ppm	4.8± 0.2	4.6± 0.3
0.3ppm	4.8± 0.1	4.5± 0.3
1ppm	4.5± 0.5	4.6± 0.3
3ppm	3.6± 0.3**	3.8± 0.1*
10ppm	1.9± 0.4**	3.0± 0.2 ?

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. : 0777
 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	4.0± 0.3	3.7± 0.1
0.1ppm	4.2± 0.1	4.2± 0.1*
0.3ppm	4.1± 0.3	4.2± 0.3*
1ppm	4.2± 0.3	4.2± 0.4*
3ppm	3.4± 0.1**	3.6± 0.2
10ppm	2.2± 0.3**	2.6 ?

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. : 0777
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (3W)

Group Name	NO. of Animals	RED BLOOD CELL 10 ⁶ /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 ³ /μl	
Control	5	11.52±	0.33	17.6±	0.4	56.6±	1.3	49.2±	0.3	15.3±	0.1	31.1±	0.2	1216±	65
0.1ppm	5	11.51±	0.33	17.5±	0.5	56.2±	1.0	48.8±	0.6	15.2±	0.2	31.2±	0.5	1175±	146
0.3ppm	5	10.99±	0.36	17.0±	0.5	54.5±	1.8	49.5±	0.3	15.4±	0.2	31.1±	0.3	1158±	164
1ppm	4	11.36±	0.34	17.5±	0.4	55.6±	1.3	49.0±	0.5	15.4±	0.2	31.4±	0.2	1168±	18
3ppm	5	11.60±	0.40	17.5±	0.5	55.7±	1.4	48.1±	0.6**	15.1±	0.1	31.4±	0.3	1274±	82
10ppm	2	11.79±	1.32 ?	17.5±	2.4 ?	54.9±	8.3 ?	46.5±	1.9 ?	14.7±	0.3 ?	31.7±	0.7 ?	1437±	264 ?

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

Test of Dunnett

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

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDFl]
 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 ⁹ /μl		NEUTRO		LYMPHO									
Control	5	2.90±	1.13	10±	3	85±	3	2±	1	2±	1	0±	0	0±	0
0.1ppm	5	2.63±	2.00	12±	4	83±	8	3±	3	2±	2	0±	0	0±	1
0.3ppm	5	2.07±	1.56	10±	3	84±	6	1±	1	3±	3	0±	0	1±	1
1ppm	4	2.82±	1.61	11±	4	85±	5	2±	1	2±	1	0±	1	1±	1
3ppm	5	2.42±	1.48	11±	5	83±	6	2±	1	3±	1	0±	0	1±	1
10ppm	2	0.69±	0.38 ?	18±	12 ?	76±	17 ?	5±	4 ?	2±	1 ?	1±	1 ?	1±	1 ?

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

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

TABLE F2

HEMATOLOGY : FEMALE

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (3W)

Group Name	NO. of Animals	RED BLOOD CELL 10 ⁶ /μℓ		HEMOGLOBIN g/dℓ		HEMATOCRIT %		MCV f ℓ		MCH p g		MCHC g/dℓ		PLATELET 10 ³ /μℓ	
Control	5	11.26±	0.40	17.4±	0.6	54.8±	1.8	48.7±	0.3	15.5±	0.1	31.9±	0.3	1057±	55
0.1ppm	5	11.30±	0.42	17.4±	0.8	54.8±	1.9	48.5±	0.4	15.4±	0.1	31.8±	0.3	1079±	53
0.3ppm	5	11.45±	0.20	17.6±	0.3	55.9±	0.9	48.8±	0.6	15.3±	0.2	31.4±	0.2	1052±	77
1ppm	5	11.28±	0.41	17.4±	0.6	55.1±	1.6	48.8±	1.5	15.4±	0.2	31.5±	0.8	1066±	33
3ppm	5	11.13±	0.53	17.0±	0.8	53.4±	2.5	48.0±	0.4	15.2±	0.0	31.7±	0.3	1114±	47
10ppm	1	10.38	?	15.4	?	48.0	?	46.2	?	14.9	?	32.2	?	1130	?

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

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

STUDY NO. : 0777
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	1.7±	0.2
0.1ppm	5	1.7±	0.6
0.3ppm	5	1.6±	0.3
1ppm	5	1.6±	0.4
3ppm	5	1.6±	0.4
10ppm	1	0.5	?

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.

(HCL070)

BAIS 4

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (3W)

Group Name	NO. of Animals	WBC		Differential		WBC (%)		MONO	EOSINO	BASO	OTHER				
		10 ⁹ /μl		NEUTRO		LYMPHO									
Control	5	1.13±	0.66	12±	5	84±	5	1±	1	1±	0	0±	1	1±	1
0.1ppm	5	1.06±	1.10	14±	5	82±	5	1±	0	2±	1	0±	0	1±	1
0.3ppm	5	1.45±	1.32	17±	14	80±	15	1±	1	1±	1	0±	1	1±	1
1ppm	5	1.52±	1.63	16±	6	81±	7	1±	1	1±	1	1±	1	1±	2
3ppm	5	1.25±	1.03	15±	3	81±	4	1±	1	2±	2	0±	0	1±	1
10ppm	1	0.92	?	52	?	41	?	4	?	1	?	1	?	2	?

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

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

TABLE G1

BIOCHEMISTRY : MALE

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (3W)

Group Name	NO. of Animals	TOTAL PROTEIN g/dℓ		ALBUMIN g/dℓ		A/G RATIO		T-BILIRUBIN mg/dℓ		GLUCOSE mg/dℓ		T-CHOLESTEROL mg/dℓ		TRIGLYCERIDE mg/dℓ	
Control	5	5.1±	0.2	2.7±	0.1	1.1±	0.1	0.11±	0.01	221±	32	87±	7	26±	8
0.1ppm	5	5.1±	0.1	2.7±	0.1	1.1±	0.1	0.11±	0.01	220±	19	77±	10	14±	6*
0.3ppm	5	5.1±	0.2	2.7±	0.1	1.1±	0.1	0.11±	0.01	230±	25	81±	9	17±	8
1ppm	5	5.0±	0.1	2.7±	0.1	1.1±	0.1	0.10±	0.01	223±	39	79±	10	16±	6
3ppm	5	5.1±	0.2	2.7±	0.1	1.2±	0.1	0.14±	0.01**	219±	31	84±	11	12±	4*
10ppm	2	4.7±	0.6 ?	2.5±	0.2 ?	1.1±	0.1 ?	0.10±	0.00 ?	49±	8 ?	145±	7 ?	4±	1 ?

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

Test of Dunnett

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

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDP1]
 MEASURE. TIME : 1
 SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (3W)

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	182±	18	41±	2	18±	7	156±	37	382±	18	0±	0	59±	7
0.1ppm	5	162±	24	43±	8	16±	2	158±	53	417±	39	0±	0	62±	10
0.3ppm	5	167±	23	41±	3	15±	2	139±	37	415±	19	0±	0	55±	5
1ppm	5	161±	19	41±	2	16±	1	145±	33	406±	24	0±	0	66±	26
3ppm	5	146±	18	38±	3	17±	1	135±	23	325±	23**	0±	0	49±	5
10ppm	2	88±	16 ?	163±	69 ?	114±	38 ?	386±	92 ?	301±	0 ?	1±	1 ?	949±	52 ?

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.

STUDY NO. : 0777
 ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (3W)

Group Name	NO. of Animals	UREA NITROGEN mg/dℓ		SODIUM mEq/ℓ		POTASSIUM mEq/ℓ		CHLORIDE mEq/ℓ		CALCIUM mg/dℓ		INORGANIC PHOSPHORUS mg/dℓ	
Control	5	25.0±	4.6	150±	1	4.3±	0.1	119±	2	8.8±	0.2	6.8±	1.1
0.1ppm	5	24.8±	3.8	151±	1	4.8±	0.3*	119±	2	8.7±	0.3	7.5±	0.3
0.3ppm	5	25.5±	3.7	150±	1	4.3±	0.2	119±	1	8.7±	0.2	7.2±	1.2
1ppm	5	27.2±	6.0	150±	1	4.2±	0.2	118±	2	8.6±	0.3	7.1±	1.2
3ppm	5	24.3±	4.4	149±	1	4.4±	0.4	118±	2	8.7±	0.2	6.8±	0.8
10ppm	2	53.9±	11.6 ?	150±	4 ?	4.1±	0.5 ?	113±	0 ?	9.4±	0.8 ?	7.3±	0.8 ?

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 G2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0777
 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	3.1±	0.1	1.4±	0.1	0.10±	0.01	190±	20	73±	9	15±	3
0.1ppm	5	5.2±	0.1	3.1±	0.1	1.4±	0.1	0.11±	0.01	204±	25	64±	5	12±	5
0.3ppm	5	5.3±	0.2	3.1±	0.1	1.4±	0.1	0.11±	0.02	192±	42	77±	12	16±	5
1ppm	5	5.3±	0.3	2.8±	0.6	1.2±	0.4	0.11±	0.02	194±	22	70±	14	14±	8
3ppm	5	5.2±	0.2	3.0±	0.1	1.4±	0.1	0.11±	0.01	181±	43	70±	7	10±	3
10ppm	1	4.7	?	2.5	?	1.1	?	0.13	?	40	?	124	?	3	?

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.

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (3W)

Group Name	NO. of Animals	PHOSPHOLIPID mg/dl		AST IU/l		ALT IU/l		LDH IU/l		ALP IU/l		G-GTP IU/l		CK IU/l	
Control	5	137±	11	58±	16	19±	4	254±	119	641±	59	0±	0	139±	116
0.1ppm	5	122±	13	59±	16	19±	3	194±	138	650±	44	0±	0	126±	95
0.3ppm	5	143±	16	61±	21	21±	8	214±	84	626±	37	0±	0	125±	81
1ppm	5	131±	31	59±	19	19±	5	213±	87	614±	92	0±	1	126±	116
3ppm	5	120±	13	48±	10	19±	3	202±	57	550±	38	0±	0	96±	47
10ppm	1	82	?	165	?	60	?	395	?	310	?	1	?	708	?

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.

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (3W)

Group Name	NO. of Animals	UREA NITROGEN mg/dℓ		SODIUM mEq/ℓ		POTASSIUM mEq/ℓ		CHLORIDE mEq/ℓ		CALCIUM mg/dℓ		INORGANIC PHOSPHORUS mg/dℓ	
Control	5	25.4±	2.4	150±	1	4.2±	0.2	124±	13	8.8±	0.1	6.6±	1.2
0.1ppm	5	26.4±	2.9	149±	2	3.9±	0.3	119±	3	8.6±	0.3	6.3±	0.4
0.3ppm	5	25.2±	1.7	150±	1	4.0±	0.3	119±	2	8.5±	0.2	6.6±	1.1
1ppm	5	28.0±	6.8	149±	1	4.2±	0.5	119±	3	8.6±	0.4	6.7±	1.3
3ppm	5	26.0±	4.1	150±	1	4.1±	0.3	119±	2	8.6±	0.4	6.3±	1.1
10ppm	1	49.3	?	148	?	4.0	?	116	?	9.4	?	7.2	?

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 H1

GROSS FINDINGS : MALE

STUDY NO. : 0777
 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	0.1ppm	0.3ppm	1ppm
			5 (%)	5 (%)	5 (%)	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)
kidney	white zone		0 (0)	0 (0)	0 (0)	1 (20)
	hydronephrosis		0 (0)	0 (0)	0 (0)	0 (0)

STUDY NO. : 0777
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDP1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name NO. of Animals	3ppm		10ppm	
			5	(%)	5	(%)
thymus	atrophic		0	(0)	5	(100)
stomach	gas		0	(0)	2	(40)
small intes	gas		0	(0)	2	(40)
large intes	gas		0	(0)	2	(40)
kidney	white zone		0	(0)	0	(0)
	hydronephrosis		0	(0)	1	(20)

(HPT080)

BAIS 4

TABLE H2

GROSS FINDINGS : FEMALE

STUDY NO. : 0777
ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDFl]
REPORT TYPE : A1
SEX : FEMALE

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

Organ	Findings	Group Name NO. of Animals	Control		0.1ppm		0.3ppm		1ppm	
			5	(%)	5	(%)	5	(%)	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)

STUDY NO. : 0777
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	3ppm		10ppm	
			5	(%)	5	(%)
thymus	atrophic		0	(0)	2	(40)
stomach	gas		0	(0)	3	(60)
small intes	gas		0	(0)	3	(60)
large intes	gas		0	(0)	3	(60)

(HPT080)

BAIS 4

TABLE I1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Crj[Crlj: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	22.0± 1.0	0.046± 0.005	0.011± 0.001	0.162± 0.023	0.125± 0.006	0.131± 0.011
0.1ppm	5	21.2± 1.1	0.040± 0.004	0.011± 0.001	0.179± 0.032	0.124± 0.009	0.133± 0.009
0.3ppm	5	21.5± 0.5	0.047± 0.005	0.012± 0.002	0.191± 0.013	0.123± 0.014	0.130± 0.006
1ppm	5	20.9± 1.0	0.041± 0.006	0.011± 0.002	0.174± 0.027	0.120± 0.007	0.136± 0.014
3ppm	5	19.2± 0.9**	0.026± 0.005**	0.011± 0.001	0.177± 0.037	0.109± 0.006	0.132± 0.010
10ppm	2	13.7± 0.1 ?	0.010± 0.001 ?	0.012± 0.001 ?	0.138± 0.002 ?	0.090± 0.008 ?	0.133± 0.016 ?

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.

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDFl]
 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	0.347±	0.016	0.043±	0.007	0.933±	0.040	0.405±	0.025
0.1ppm	5	0.356±	0.032	0.041±	0.003	0.912±	0.048	0.427±	0.023
0.3ppm	5	0.363±	0.021	0.040±	0.002	0.932±	0.039	0.424±	0.011
1ppm	5	0.347±	0.030	0.039±	0.004	0.916±	0.079	0.425±	0.012
3ppm	5	0.305±	0.011*	0.034±	0.005*	0.764±	0.038**	0.414±	0.010
10ppm	2	0.225±	0.003 ?	0.017±	0.004 ?	0.468±	0.008 ?	0.379±	0.013 ?

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 I2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrJ[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	16.4± 0.3	0.053± 0.009	0.014± 0.001	0.023± 0.002	0.101± 0.005	0.114± 0.008
0.1ppm	5	16.8± 0.6	0.051± 0.007	0.014± 0.002	0.022± 0.002	0.106± 0.005	0.123± 0.004
0.3ppm	5	17.0± 0.5	0.054± 0.007	0.013± 0.001	0.021± 0.003	0.104± 0.006	0.118± 0.006
1ppm	5	16.6± 1.0	0.051± 0.011	0.014± 0.001	0.022± 0.003	0.100± 0.009	0.118± 0.009
3ppm	5	16.1± 0.3	0.040± 0.007	0.014± 0.001	0.021± 0.001	0.097± 0.006	0.126± 0.007
10ppm	1	10.4 ?	0.010 ?	0.013 ?	0.016 ?	0.091 ?	0.152 ?

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.

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDP1]
 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	0.243±	0.006	0.043±	0.003	0.703±	0.038	0.422±	0.011
0.1ppm	5	0.255±	0.005	0.044±	0.004	0.720±	0.030	0.434±	0.009
0.3ppm	5	0.250±	0.010	0.041±	0.005	0.735±	0.037	0.425±	0.006
1ppm	5	0.249±	0.014	0.040±	0.006	0.688±	0.077	0.420±	0.004
3ppm	5	0.242±	0.010	0.036±	0.004	0.644±	0.029	0.420±	0.027
10ppm	1	0.210	?	0.018	?	0.437	?	0.397	?

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 J1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrJ[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	22.0± 1.0	0.207± 0.016	0.049± 0.006	0.740± 0.113	0.569± 0.009	0.596± 0.038
0.1ppm	5	21.2± 1.1	0.187± 0.015	0.052± 0.008	0.844± 0.150	0.584± 0.050	0.626± 0.050
0.3ppm	5	21.5± 0.5	0.217± 0.022	0.054± 0.007	0.889± 0.062	0.574± 0.072	0.604± 0.042
1ppm	5	20.9± 1.0	0.198± 0.030	0.051± 0.009	0.830± 0.088	0.572± 0.029	0.648± 0.061
3ppm	5	19.2± 0.9**	0.135± 0.022**	0.057± 0.006	0.920± 0.177	0.569± 0.021	0.685± 0.043
10ppm	2	13.7± 0.1 ?	0.070± 0.006 ?	0.084± 0.006 ?	1.008± 0.011 ?	0.656± 0.053 ?	0.975± 0.119 ?

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.

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrJj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE
 UNIT: %

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

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	1.576± 0.039	0.194± 0.024	4.243± 0.185	1.844± 0.164
0.1ppm	5	1.678± 0.140	0.192± 0.011	4.298± 0.121	2.015± 0.117
0.3ppm	5	1.693± 0.138	0.185± 0.010	4.339± 0.183	1.975± 0.060
1ppm	5	1.656± 0.088	0.184± 0.012	4.376± 0.225	2.038± 0.135
3ppm	5	1.591± 0.093	0.174± 0.022	3.977± 0.141	2.159± 0.130**
10ppm	2	1.649± 0.029 ?	0.125± 0.032 ?	3.425± 0.040 ?	2.777± 0.078 ?

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 J2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE
 UNIT: %

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

Group Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	OVARIES	HEART	LUNGS
Control	5	16.4± 0.3	0.323± 0.050	0.085± 0.006	0.140± 0.012	0.613± 0.031	0.694± 0.043
0.1ppm	5	16.8± 0.6	0.302± 0.046	0.082± 0.011	0.132± 0.013	0.631± 0.037	0.729± 0.031
0.3ppm	5	17.0± 0.5	0.320± 0.042	0.079± 0.006	0.121± 0.017	0.610± 0.030	0.691± 0.021
1ppm	5	16.6± 1.0	0.309± 0.055	0.086± 0.002	0.135± 0.014	0.603± 0.057	0.713± 0.036
3ppm	5	16.1± 0.3	0.248± 0.038	0.086± 0.006	0.130± 0.007	0.600± 0.028	0.785± 0.038**
10ppm	1	10.4 ?	0.096 ?	0.125 ?	0.154 ?	0.875 ?	1.462 ?

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.

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE
 UNIT: %

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

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	5	1.483± 0.040	0.263± 0.017	4.281± 0.183	2.568± 0.055
0.1ppm	5	1.515± 0.040	0.260± 0.017	4.286± 0.249	2.580± 0.100
0.3ppm	5	1.467± 0.053	0.244± 0.028	4.319± 0.228	2.499± 0.092
1ppm	5	1.506± 0.099	0.241± 0.023	4.142± 0.239	2.545± 0.152
3ppm	5	1.507± 0.043	0.226± 0.019	4.001± 0.121	2.614± 0.143
10ppm	1	2.019 ?	0.173 ?	4.202 ?	3.817 ?

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 K1

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

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

Organ	Findings	Group Name No. of Animals on Study Grade	Control				0.1ppm				0.3ppm				1ppm			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			5				5				5				5			
			%				%				%				%			
{Respiratory system}																		
nasal cavit			< 5>				< 5>				< 5>				< 5>			
	inflammatory infiltration		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)
	exudate:neutrophil leukocyte		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)
	squamous cell metaplasia: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)
	ulcer: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)
	regeneration:respiratory 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)
	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)
	erosion: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)

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. : 0777
 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				3ppm				10ppm							
		Grade				5				5							
		1	2	3	4	1	2	3	4	1	2	3	4				
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)				
(Respiratory system)																	
nasal cavit		< 5>				< 5>											
	inflammatory infiltration	4	0	0	0	2	1	0	0	(80)	(0)	(0)	(0)	(40)	(20)	(0)	(0)
	exudate:neutrophil leukocyte	3	1	0	0	0	3	2	0	(60)	(20)	(0)	(0)	(0)	(60)	(40)	(0)
	squamous cell metaplasia:respiratory epithelium	3	0	0	0	3	0	0	0	(60)	(0)	(0)	(0)	(60)	(0)	(0)	(0)
	ulcer:respiratory epithelium	0	0	0	0	2	1	0	0	(0)	(0)	(0)	(0)	(40)	(20)	(0)	(0)
	regeneration:respiratory epithelium	0	0	5	0	0	5	0	0	(0)	(0)	(100)	(0)	(0)	(100)	(0)	(0)
	atrophy:olfactory epithelium	5	0	0	0	1	0	2	0	(100)	(0)	(0)	(0)	(20)	(0)	(40)	(0)
	necrosis:olfactory epithelium	1	0	0	0	0	0	0	0	(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	erosion:respiratory epithelium	0	0	0	0	4	0	0	0	(0)	(0)	(0)	(0)	(80)	(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. : 0777
 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 Grade	Control 5				0.1ppm 5				0.3ppm 5				1ppm 5			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
{Respiratory system}																		
nasal cavit	necrosis:respiratory epithelium		< 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)
	erosion: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)	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)	
nasopharynx	exudate		< 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)	
	erosion		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)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)		
	inflammatory infiltration		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)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)			
	exudate:neutrophil leukocyte		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)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)				
	regeneration: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)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)					
	necrosis: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)	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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

Organ	Findings	3ppm				10ppm			
		No. of Animals on Study				No. of Animals on Study			
		1	2	3	4	1	2	3	4
		Grade				Grade			
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}									
nasal cavit	necrosis:respiratory epithelium	< 5>				< 5>			
		2	3	0	0	0	1	1	0
		(40)	(60)	(0)	(0)	(0)	(20)	(20)	(0)
	erosion:olfactory epithelium	0	0	0	0	1	0	2	0
		(0)	(0)	(0)	(0)	(20)	(0)	(40)	(0)
nasopharynx	exudate	< 5>				< 5>			
		2	0	0	0	0	0	0	0
		(40)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	erosion	1	0	0	0	0	1	0	1
		(20)	(0)	(0)	(0)	(0)	(20)	(0)	(20)
	inflammatory infiltration	0	0	0	0	4	0	0	0
		(0)	(0)	(0)	(0)	(80)	(0)	(0)	(0)
	exudate:neutrophil leukocyte	0	0	1	0	0	0	0	0
		(0)	(0)	(20)	(0)	(0)	(0)	(0)	(0)
	regeneration:epithelium	0	0	5	0	2	0	3	0
		(0)	(0)	(100)	(0)	(40)	(0)	(60)	(0)
	necrosis:epithelium	0	0	0	0	1	0	1	0
		(0)	(0)	(0)	(0)	(20)	(0)	(20)	(0)

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

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

Organ	Findings	Group Name No. of Animals on Study Grade	Control				0.1ppm				0.3ppm				1ppm			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
larynx	ulcer		< 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)
	erosion		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)
	degeneration: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)
	inflammation		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)
	squamous cell metaplasia		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)
trachea	erosion		< 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)
	degeneration: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)
	inflammation		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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

Organ	Findings	3ppm				10ppm			
		5				5			
Group Name No. of Animals on Study		1	2	3	4	1	2	3	4
Grade		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}									
larynx	ulcer	< 5>				< 5>			
		0	0	0	0	0	0	1	0
		(0)	(0)	(0)	(0)	(0)	(0)	(20)	(0)
	erosion	0	0	0	0	0	3	1	0
		(0)	(0)	(0)	(0)	(0)	(60)	(20)	(0)
	degeneration:epithelium	0	0	0	0	1	3	0	0
		(0)	(0)	(0)	(0)	(20)	(60)	(0)	(0)
	inflammation	0	0	0	0	3	1	1	0
		(0)	(0)	(0)	(0)	(60)	(20)	(20)	(0)
	squamous cell metaplasia	0	0	0	0	0	1	0	0
		(0)	(0)	(0)	(0)	(0)	(20)	(0)	(0)
trachea	erosion	< 5>				< 5>			
		0	0	0	0	1	2	1	0
		(0)	(0)	(0)	(0)	(20)	(40)	(20)	(0)
	degeneration:epithelium	0	0	0	0	2	2	0	0
		(0)	(0)	(0)	(0)	(40)	(40)	(0)	(0)
	inflammation	0	0	0	0	4	1	0	0
		(0)	(0)	(0)	(0)	(80)	(20)	(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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

Organ	Findings	Control				0.1ppm				0.3ppm				1ppm			
		No. of Animals on Study				5				5				5			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Grade	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
{Respiratory system}																	
trachea	squamous cell metaplasia	< 5>				< 5>				< 5>				< 5>			
	necrosis: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)
lung	edema	< 5>				< 5>				< 5>				< 5>			
	inflammatory infiltration	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:epithelium, bronchus	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. : 0777
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

Organ	Findings	3ppm				10ppm			
		5				5			
Group Name		No. of Animals on Study				No. of Animals on Study			
Grade		1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}									
trachea	squamous cell metaplasia	< 5>				< 5>			
	necrosis:epithelium	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)
		0	0	0	0	0	0	0	1
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(20)
lung	edema	< 5>				< 5>			
	inflammatory infiltration	0	0	0	0	2	1	0	0
		(0)	(0)	(0)	(0)	(40)	(20)	(0)	(0)
		0	0	0	0	0	1	2	0
		(0)	(0)	(0)	(0)	(0)	(20)	(40)	(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 : MALE
DEAD AND MORIBUND ANIMALS**

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	Findings	Control				0.1ppm				0.3ppm				1ppm			
		No. of Animals on Study				No. of Animals on Study				No. of Animals on Study				No. of Animals on Study			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																	
nasal cavit		< 0 >				< 0 >				< 0 >				< 0 >			
	inflammatory infiltration	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	exudate:neutrophil leukocyte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	squamous cell metaplasia:respiratory epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	ulcer:respiratory epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	regeneration:respiratory epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	atrophy:olfactory epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	erosion:respiratory epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	necrosis:respiratory epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)

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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	Findings	Group Name No. of Animals on Study				3ppm				10ppm			
		Grade				3				4			
		1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}													
nasal cavit		< 0 >				< 3 >							
	inflammatory infiltration	-	-	-	-	0	1	0	0	(0)	(33)	(0)	(0)
		(-)	(-)	(-)	(-)	(0)	(33)	(0)	(0)				
	exudate:neutrophil leukocyte	-	-	-	-	0	1	2	0	(0)	(33)	(67)	(0)
		(-)	(-)	(-)	(-)	(0)	(33)	(67)	(0)				
	squamous cell metaplasia:respiratory epithelium	-	-	-	-	1	0	0	0	(33)	(0)	(0)	(0)
		(-)	(-)	(-)	(-)	(33)	(0)	(0)	(0)				
	ulcer:respiratory epithelium	-	-	-	-	0	1	0	0	(0)	(33)	(0)	(0)
		(-)	(-)	(-)	(-)	(0)	(33)	(0)	(0)				
	regeneration:respiratory epithelium	-	-	-	-	0	3	0	0	(0)	(100)	(0)	(0)
		(-)	(-)	(-)	(-)	(0)	(100)	(0)	(0)				
	atrophy:olfactory epithelium	-	-	-	-	1	0	0	0	(33)	(0)	(0)	(0)
		(-)	(-)	(-)	(-)	(33)	(0)	(0)	(0)				
	erosion:respiratory epithelium	-	-	-	-	3	0	0	0	(100)	(0)	(0)	(0)
		(-)	(-)	(-)	(-)	(100)	(0)	(0)	(0)				
	necrosis:respiratory epithelium	-	-	-	-	0	1	1	0	(0)	(33)	(33)	(0)
		(-)	(-)	(-)	(-)	(0)	(33)	(33)	(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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	Findings	Group Name No. of Animals on Study Grade	Control 0				0.1ppm 0				0.3ppm 0				1ppm 0					
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
				(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
(Respiratory system)																				
nasal cavit	erosion:olfactory epithelium			< 0>				< 0>				< 0>				< 0>				
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	
nasopharynx	inflammatory infiltration			< 0>				< 0>				< 0>				< 0>				
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	regeneration:epithelium		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	
necrosis:epithelium		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	
larynx	ulcer			< 0>				< 0>				< 0>				< 0>				
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
erosion		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	
degeneration:epithelium		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	

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. : 0777
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	Findings	3ppm				10ppm					
		No. of Animals on Study				No. of Animals on Study					
		Grade	1	2	3	4	Grade	1	2	3	4
		(%)	(%)	(%)	(%)		(%)	(%)	(%)	(%)	
{Respiratory system}											
nasal cavit		< 0 >				< 3 >					
	erosion:olfactory epithelium	-	-	-	-	1	0	2	0		
		(-)	(-)	(-)	(-)	(33)	(0)	(67)	(0)		
nasopharynx		< 0 >				< 3 >					
	inflammatory infiltration	-	-	-	-	2	0	0	0		
		(-)	(-)	(-)	(-)	(67)	(0)	(0)	(0)		
	regeneration:epithelium	-	-	-	-	1	0	2	0		
		(-)	(-)	(-)	(-)	(33)	(0)	(67)	(0)		
	necrosis:epithelium	-	-	-	-	1	0	1	0		
		(-)	(-)	(-)	(-)	(33)	(0)	(33)	(0)		
larynx		< 0 >				< 3 >					
	ulcer	-	-	-	-	0	0	1	0		
		(-)	(-)	(-)	(-)	(0)	(0)	(33)	(0)		
	erosion	-	-	-	-	0	1	1	0		
		(-)	(-)	(-)	(-)	(0)	(33)	(33)	(0)		
	degeneration:epithelium	-	-	-	-	0	2	0	0		
		(-)	(-)	(-)	(-)	(0)	(67)	(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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	Findings	Control				0.1ppm				0.3ppm				1ppm				
		No. of Animals on Study				No. of Animals on Study				No. of Animals on Study				No. of Animals on Study				
		Grade				Grade				Grade				Grade				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
{Respiratory system}																		
larynx	inflammation	< 0>				< 0>				< 0>				< 0>				
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	
trachea	erosion	< 0>				< 0>				< 0>				< 0>				
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	degeneration:epithelium	-				-				-				-				
				(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
inflammation	-				-				-				-					
			(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
necrosis:epithelium	-				-				-				-					
			(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
lung	edema	< 0>				< 0>				< 0>				< 0>				
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	
inflammatory infiltration	-				-				-				-					
			(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)

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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	Findings	Group Name No. of Animals on Study				3ppm				10ppm				
		Grade				0				3				
		1	2	3	4	1	2	3	4	1	2	3	4	
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
(Respiratory system)														
larynx		< 0 >				< 3 >								
	inflammation	-	-	-	-	1	1	1	0	(-)	(-)	(-)	(-)	(33) (33) (33) (0)
trachea		< 0 >				< 3 >								
	erosion	-	-	-	-	0	1	1	0	(-)	(-)	(-)	(-)	(0) (33) (33) (0)
	degeneration:epithelium	-	-	-	-	1	1	0	0	(-)	(-)	(-)	(-)	(33) (33) (0) (0)
	inflammation	-	-	-	-	2	1	0	0	(-)	(-)	(-)	(-)	(67) (33) (0) (0)
	necrosis:epithelium	-	-	-	-	0	0	0	1	(-)	(-)	(-)	(-)	(0) (0) (0) (33)
lung		< 0 >				< 3 >								
	edema	-	-	-	-	0	1	0	0	(-)	(-)	(-)	(-)	(0) (33) (0) (0)
	inflammatory infiltration	-	-	-	-	1	0	0	0	(-)	(-)	(-)	(-)	(33) (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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	Findings	Control				0.1ppm				0.3ppm				1ppm			
		No. of Animals on Study				No. of Animals on Study				No. of Animals on Study				No. of Animals on Study			
		Grade				Grade				Grade				Grade			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

{Respiratory system}

lung	necrosis:epithelium, bronchus	< 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

(HPT150)

BAIS4

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	Findings	Group Name No. of Animals on Study	3ppm				10ppm			
			1	2	3	4	1	2	3	4
		Grade	(%)	(%)	(%)	(%)	(%)	(%)	(%)	

(Respiratory system)

lung	necrosis:epithelium, bronchus		< 0 >				< 3 >			
			-	-	-	-	0	0	1	0
			(-)	(-)	(-)	(-)	(0)	(0)	(33)	(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 K3

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

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

Organ	Findings	Group Name		Control				0.1ppm				0.3ppm				1ppm			
		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
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)		
(Respiratory system)																			
nasal cavit		< 5>				< 5>				< 5>				< 5>					
	inflammatory infiltration	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)		
	exudate:neutrophil leukocyte	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)		
	squamous cell metaplasia: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)		
	ulcer: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)		
	regeneration:respiratory 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)		
	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)		
	erosion: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)		

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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

Organ	Findings	3ppm				10ppm					
		No. of Animals on Study				No. of Animals on Study					
		Grade	1	2	3	4	Grade	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}											
nasal cavit		< 5>				< 2>					
	inflammatory infiltration	4	0	0	0	2	0	0	0		
		(80)	(0)	(0)	(0)	(100)	(0)	(0)	(0)		
	exudate:neutrophil leukocyte	3	1	0	0	0	2	0	0		
		(60)	(20)	(0)	(0)	(0)	(100)	(0)	(0)		
	squamous cell metaplasia:respiratory epithelium	3	0	0	0	2	0	0	0		
		(60)	(0)	(0)	(0)	(100)	(0)	(0)	(0)		
	ulcer:respiratory epithelium	0	0	0	0	2	0	0	0		
		(0)	(0)	(0)	(0)	(100)	(0)	(0)	(0)		
	regeneration:respiratory epithelium	0	0	5	0	0	2	0	0		
		(0)	(0)	(100)	(0)	(0)	(100)	(0)	(0)		
	atrophy:olfactory epithelium	5	0	0	0	0	0	2	0		
		(100)	(0)	(0)	(0)	(0)	(0)	(100)	(0)		
	necrosis:olfactory epithelium	1	0	0	0	0	0	0	0		
		(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)		
	erosion:respiratory epithelium	0	0	0	0	1	0	0	0		
		(0)	(0)	(0)	(0)	(50)	(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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

Organ	Findings	Control				0.1ppm				0.3ppm				1ppm			
		No. of Animals on Study				5				5				5			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Grade		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																	
nasal cavit		< 5>				< 5>				< 5>				< 5>			
	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)
nasopharynx		< 5>				< 5>				< 5>				< 5>			
	exudate	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)
	erosion	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)
	inflammatory infiltration	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)	
exudate:neutrophil leukocyte	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)	
regeneration: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)	
larynx		< 5>				< 5>				< 5>				< 5>			
	erosion	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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

Organ	Findings	3ppm				10ppm			
		No. of Animals on Study				No. of Animals on Study			
		1	2	3	4	1	2	3	4
Grade		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}									
nasal cavit		< 5>				< 2>			
	necrosis:respiratory epithelium	2 (40)	3 (60)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
nasopharynx		< 5>				< 2>			
	exudate	2 (40)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	erosion	1 (20)	0 (0)	0 (0)	0 (0)	0 (0)	1 (50)	0 (0)	1 (50)
	inflammatory infiltration	0 (0)	0 (0)	0 (0)	0 (0)	2 (100)	0 (0)	0 (0)	0 (0)
	exudate:neutrophil leukocyte	0 (0)	0 (0)	1 (20)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	regeneration:epithelium	0 (0)	0 (0)	5 (100)	0 (0)	1 (50)	0 (0)	1 (50)	0 (0)
larynx		< 5>				< 2>			
	erosion	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (100)	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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

Organ	Findings	Control				0.1ppm				0.3ppm				1ppm					
		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}																			
larynx	degeneration:epithelium		< 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)	(0)	(0)
	inflammation		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)	
	squamous cell metaplasia		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)	
trachea	erosion		< 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)	
		degeneration: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)	
	inflammation		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)	
	squamous cell metaplasia		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)	
lung	edema		< 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 : Number of animals with lesion
 (c) c : b / a * 100

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

Organ	Findings	3ppm				10ppm			
		No. of Animals on Study				No. of Animals on Study			
		5				2			
		1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}									
larynx	degeneration:epithelium	< 5>				< 2>			
		0	0	0	0	1	1	0	0
		(0)	(0)	(0)	(0)	(50)	(50)	(0)	(0)
	inflammation	0	0	0	0	2	0	0	0
		(0)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	squamous cell metaplasia	0	0	0	0	0	1	0	0
		(0)	(0)	(0)	(0)	(0)	(50)	(0)	(0)
trachea	erosion	< 5>				< 2>			
		0	0	0	0	1	1	0	0
		(0)	(0)	(0)	(0)	(50)	(50)	(0)	(0)
	degeneration:epithelium	0	0	0	0	1	1	0	0
	(0)	(0)	(0)	(0)	(50)	(50)	(0)	(0)	
	inflammation	0	0	0	0	2	0	0	0
		(0)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	squamous cell metaplasia	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(50)	(0)	(0)	(0)
lung	edema	< 5>				< 2>			
		0	0	0	0	0	1	0	0
		(0)	(0)	(0)	(0)	(0)	(50)	(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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

Organ	Findings	Control				0.1ppm				0.3ppm				1ppm			
		No. of Animals on Study				5				5				5			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																	
lung		< 5>				< 5>				< 5>				< 5>			
	inflammatory infiltration	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:epithelium, bronchus	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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

Organ	Findings	3ppm				10ppm			
		No. of Animals on Study				No. of Animals on Study			
		1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

{Respiratory system}									
lung									
inflammatory infiltration									
< 5>					< 2>				
		0	0	0	0	1	1	0	0
		(0)	(0)	(0)	(0)	(50)	(50)	(0)	(0)
necrosis:epithelium, bronchus									
		0	0	0	0	0	1	1	0
		(0)	(0)	(0)	(0)	(0)	(50)	(50)	(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

TABLE K4

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

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

Organ	Findings	Control				0.1ppm				0.3ppm				1ppm			
		No. of Animals on Study				5				5				5			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																	
nasal cavit		< 5>				< 5>				< 5>				< 5>			
	exudate	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)
	inflammatory infiltration	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)
	exudate:neutrophil leukocyte	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)
	squamous cell metaplasia: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)
	ulcer: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)
	regeneration:respiratory 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)
	regeneration: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)
	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)

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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

Organ	Findings	3ppm				10ppm			
		No. of Animals on Study				No. of Animals on Study			
		1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)									
nasal cavit		< 5>				< 5>			
	exudate	0	5	0	0	0	0	0	0
		(0)	(100)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory infiltration	3	0	0	0	4	1	0	0
		(60)	(0)	(0)	(0)	(80)	(20)	(0)	(0)
	exudate:neutrophil leukocyte	0	0	0	0	1	3	1	0
		(0)	(0)	(0)	(0)	(20)	(60)	(20)	(0)
	squamous cell metaplasia:respiratory epithelium	1	0	0	0	0	0	0	0
		(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	ulcer:respiratory epithelium	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)
	regeneration:respiratory epithelium	0	0	5	0	0	5	0	0
		(0)	(0)	(100)	(0)	(0)	(100)	(0)	(0)
	regeneration:olfactory epithelium	1	0	0	0	0	0	0	0
		(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	atrophy:olfactory epithelium	5	0	0	0	0	0	3	0
		(100)	(0)	(0)	(0)	(0)	(0)	(60)	(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. : 0777
 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 No. of Animals on Study Grade	Control				0.1ppm				0.3ppm				1ppm			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
nasal cavit	necrosis:olfactory epithelium		< 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)	
erosion:respiratory epithelium	erosion:respiratory epithelium		< 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)	
necrosis:respiratory epithelium	necrosis:respiratory epithelium		< 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)	
erosion:olfactory epithelium	erosion:olfactory epithelium		< 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)	
nasopharynx	exudate		< 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)	
erosion	erosion		< 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)	
inflammatory infiltration	inflammatory infiltration		< 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)	
exudate:neutrophil leukocyte	exudate:neutrophil leukocyte		< 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 : Number of animals with lesion
 (c) c : b / a * 100

STUDY NO. : 0777
 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 No. of Animals on Study				3ppm				10ppm			
		Grade				5				5			
		1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
(Respiratory system)													
nasal cavit	necrosis:olfactory epithelium	< 5>				< 5>							
		0	0	0	0	1	0	0	0				
		(0)	(0)	(0)	(0)	(20)	(0)	(0)	(0)				
	erosion:respiratory epithelium	0	0	0	0	1	3	0	0				
		(0)	(0)	(0)	(0)	(20)	(60)	(0)	(0)				
	necrosis:respiratory epithelium	3	2	0	0	4	1	0	0				
		(60)	(40)	(0)	(0)	(80)	(20)	(0)	(0)				
	erosion:olfactory epithelium	0	0	0	0	3	0	1	0				
		(0)	(0)	(0)	(0)	(60)	(0)	(20)	(0)				
nasopharynx	exudate	< 5>				< 5>							
		1	0	0	0	0	0	0	0				
		(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)				
	erosion	0	0	0	0	0	0	0	1				
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(20)				
	inflammatory infiltration	0	0	0	0	3	0	0	0				
		(0)	(0)	(0)	(0)	(60)	(0)	(0)	(0)				
	exudate:neutrophil leukocyte	0	0	0	0	0	1	0	0				
		(0)	(0)	(0)	(0)	(0)	(20)	(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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

Organ	Findings	Control				0.1ppm				0.3ppm				1ppm			
		No. of Animals on Study				5				5				5			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																	
nasopharynx	regeneration:epithelium	< 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)	
nasopharynx	necrosis:epithelium	< 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)	
larynx	erosion	< 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)	
larynx	degeneration:epithelium	< 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)	
larynx	inflammation	< 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)	
trachea	erosion	< 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)	
trachea	degeneration:epithelium	< 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 : Number of animals with lesion
 (c) c : b / a * 100

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

Organ	Findings	3ppm				10ppm			
		No. of Animals on Study				No. of Animals on Study			
		Grade				Grade			
		1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}									
nasopharynx	regeneration:epithelium	< 5>				< 5>			
		0	0	5	0	3	0	0	0
		(0)	(0)	(100)	(0)	(60)	(0)	(0)	(0)
	necrosis:epithelium	1	0	0	0	0	0	2	2
		(20)	(0)	(0)	(0)	(0)	(0)	(40)	(40)
larynx	erosion	< 5>				< 5>			
		0	0	0	0	0	2	2	1
		(0)	(0)	(0)	(0)	(0)	(40)	(40)	(20)
	degeneration:epithelium	0	0	0	0	1	3	0	0
		(0)	(0)	(0)	(0)	(20)	(60)	(0)	(0)
	inflammation	0	0	0	0	4	1	0	0
		(0)	(0)	(0)	(0)	(80)	(20)	(0)	(0)
trachea	erosion	< 5>				< 5>			
		0	0	0	0	0	2	2	1
		(0)	(0)	(0)	(0)	(0)	(40)	(40)	(20)
	degeneration:epithelium	0	0	0	0	2	0	2	0
		(0)	(0)	(0)	(0)	(40)	(0)	(40)	(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. : 0777
 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 No. of Animals on Study Grade	Control				0.1ppm				0.3ppm				1ppm			
			5				5				5				5			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
(Respiratory system)																		
trachea	inflammation		< 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)
lung	inflammatory infiltration		< 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)
	necrosis:epithelium, bronchus		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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

Organ	Findings	3ppm				10ppm				
		No. of Animals on Study				No. of Animals on Study				
		1	2	3	4	1	2	3	4	
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
{Respiratory system}										
trachea	inflammation	< 5>				< 5>				
		0	0	0	0	5	0	0	0	
		(0)	(0)	(0)	(0)	(100)	(0)	(0)	(0)	
lung	inflammatory infiltration	< 5>				< 5>				
		0	0	0	0	2	0	0	0	
		(0)	(0)	(0)	(0)	(40)	(0)	(0)	(0)	
	necrosis:epithelium, bronchus	< 5>				< 5>				
		0	0	0	0	1	1	0	0	
		(0)	(0)	(0)	(0)	(20)	(20)	(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

TABLE K5

**HISTOPATHOLOGICAL FINDINGS :
NON-NEOPLASTIC LESIONS : FEMALE
DEAD AND MORIBUND ANIMALS**

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	Findings	Control				0.1ppm				0.3ppm				1ppm			
		No. of Animals on Study				0				0				0			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																	
nasal cavit		< 0 >				< 0 >				< 0 >				< 0 >			
	inflammatory infiltration	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	exudate:neutrophil leukocyte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	ulcer:respiratory epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	regeneration:respiratory epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	atrophy:olfactory epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	erosion:respiratory epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	necrosis:respiratory epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	erosion:olfactory epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)

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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	Findings	Group Name No. of Animals on Study				3ppm				10ppm			
		Grade				3				3			
		1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}													
nasal cavit		< 0 >				< 3 >							
	inflammatory infiltration	-	-	-	-	3	0	0	0				
		(-)	(-)	(-)	(-)	(100)	(0)	(0)	(0)				
	exudate:neutrophil leukocyte	-	-	-	-	0	2	1	0				
		(-)	(-)	(-)	(-)	(0)	(67)	(33)	(0)				
	ulcer:respiratory epithelium	-	-	-	-	1	0	0	0				
		(-)	(-)	(-)	(-)	(33)	(0)	(0)	(0)				
	regeneration:respiratory epithelium	-	-	-	-	0	3	0	0				
		(-)	(-)	(-)	(-)	(0)	(100)	(0)	(0)				
	atrophy:olfactory epithelium	-	-	-	-	0	0	2	0				
		(-)	(-)	(-)	(-)	(0)	(0)	(67)	(0)				
	erosion:respiratory epithelium	-	-	-	-	1	2	0	0				
		(-)	(-)	(-)	(-)	(33)	(67)	(0)	(0)				
	necrosis:respiratory epithelium	-	-	-	-	3	0	0	0				
		(-)	(-)	(-)	(-)	(100)	(0)	(0)	(0)				
	erosion:olfactory epithelium	-	-	-	-	2	0	1	0				
		(-)	(-)	(-)	(-)	(67)	(0)	(33)	(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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	Findings	Control				0.1ppm				0.3ppm				1ppm			
		No. of Animals on Study				No. of Animals on Study				No. of Animals on Study				No. of Animals on Study			
		Grade				Grade				Grade				Grade			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																	
nasopharynx		< 0>				< 0>				< 0>				< 0>			
	erosion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	inflammatory infiltration	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	exudate:neutrophil leukocyte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	regeneration:epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	necrosis:epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
larynx		< 0>				< 0>				< 0>				< 0>			
	erosion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	degeneration:epithelium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	inflammation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)

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. : 0777
 ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	Findings	Group Name				Group Name			
		No. of Animals on Study				No. of Animals on Study			
		Grade				Grade			
		0				3			
		1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}									
nasopharynx									
		< 0 >				< 3 >			
erosion		-	-	-	-	0	0	0	1
		(-)	(-)	(-)	(-)	(0)	(0)	(0)	(33)
inflammatory infiltration		-	-	-	-	2	0	0	0
		(-)	(-)	(-)	(-)	(67)	(0)	(0)	(0)
exudate:neutrophil leukocyte		-	-	-	-	0	1	0	0
		(-)	(-)	(-)	(-)	(0)	(33)	(0)	(0)
regeneration:epithelium		-	-	-	-	2	0	0	0
		(-)	(-)	(-)	(-)	(67)	(0)	(0)	(0)
necrosis:epithelium		-	-	-	-	0	0	1	1
		(-)	(-)	(-)	(-)	(0)	(0)	(33)	(33)
larynx									
		< 0 >				< 3 >			
erosion		-	-	-	-	0	1	1	1
		(-)	(-)	(-)	(-)	(0)	(33)	(33)	(33)
degeneration:epithelium		-	-	-	-	1	1	0	0
		(-)	(-)	(-)	(-)	(33)	(33)	(0)	(0)
inflammation		-	-	-	-	2	1	0	0
		(-)	(-)	(-)	(-)	(67)	(33)	(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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	Findings	Group Name No. of Animals on Study Grade	Control 0				0.1ppm 0				0.3ppm 0				1ppm 0				
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
				(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																			
trachea			< 0>				< 0>				< 0>				< 0>				
	erosion		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	
	degeneration:epithelium		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	
	inflammation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	

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. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	Findings	3ppm				10ppm				
		No. of Animals on Study				3				
		1	2	3	4	1	2	3	4	
Grade		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
(Respiratory system)										
trachea		< 0 >				< 3 >				
	erosion	-	-	-	-	0	1	1	1	
		(-)	(-)	(-)	(-)	(0)	(33)	(33)	(33)	
	degeneration:epithelium	-	-	-	-	1	0	1	0	
		(-)	(-)	(-)	(-)	(33)	(0)	(33)	(0)	
	inflammation	-	-	-	-	3	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

TABLE K6

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

STUDY NO. : 0777
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

Organ	Findings	Control				0.1ppm				0.3ppm				1ppm			
		No. of Animals on Study				5				5				5			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																	
nasal cavit		< 5>				< 5>				< 5>				< 5>			
	exudate	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)
	inflammatory infiltration	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)
	exudate:neutrophil leukocyte	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)
	squamous cell metaplasia: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)
	regeneration:respiratory 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)
	regeneration: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)
	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)

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. : 0777
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

Organ	Findings	Group Name				10ppm			
		No. of Animals on Study				Grade			
		5				2			
		1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}									
nasal cavit		< 5>				< 2>			
	exudate	0	5	0	0	0	0	0	0
		(0)	(100)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory infiltration	3	0	0	0	1	1	0	0
		(60)	(0)	(0)	(0)	(50)	(50)	(0)	(0)
	exudate:neutrophil leukocyte	0	0	0	0	1	1	0	0
		(0)	(0)	(0)	(0)	(50)	(50)	(0)	(0)
	squamous cell metaplasia:respiratory epithelium	1	0	0	0	0	0	0	0
		(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	regeneration:respiratory epithelium	0	0	5	0	0	2	0	0
		(0)	(0)	(100)	(0)	(0)	(100)	(0)	(0)
	regeneration:olfactory epithelium	1	0	0	0	0	0	0	0
		(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	atrophy:olfactory epithelium	5	0	0	0	0	0	1	0
		(100)	(0)	(0)	(0)	(0)	(0)	(50)	(0)
	necrosis:olfactory epithelium	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(50)	(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. : 0777
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

Organ	Findings	Group Name No. of Animals on Study Grade	Control 5				0.1ppm 5				0.3ppm 5				1ppm 5							
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
				(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)			
(Respiratory system)																						
nasal cavit	erosion:respiratory epithelium		< 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)	(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)	(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	
nasopharynx	exudate		< 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)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
	inflammatory infiltration		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)	(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	
	regeneration: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)	(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	
larynx	erosion		< 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)	(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. : 0777
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

Organ	Findings	Group Name				10ppm			
		No. of Animals on Study				Grade			
		5				2			
		1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}									
nasal cavit		< 5>				< 2>			
	erosion:respiratory epithelium	0	0	0	0	0	1	0	0
		(0)	(0)	(0)	(0)	(0)	(50)	(0)	(0)
	necrosis:respiratory epithelium	3	2	0	0	1	1	0	0
		(60)	(40)	(0)	(0)	(50)	(50)	(0)	(0)
	erosion:olfactory epithelium	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(50)	(0)	(0)	(0)
nasopharynx		< 5>				< 2>			
	exudate	1	0	0	0	0	0	0	0
		(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory infiltration	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(50)	(0)	(0)	(0)
	regeneration:epithelium	0	0	5	0	1	0	0	0
		(0)	(0)	(100)	(0)	(50)	(0)	(0)	(0)
	necrosis:epithelium	1	0	0	0	0	0	1	1
		(20)	(0)	(0)	(0)	(0)	(0)	(50)	(50)
larynx		< 5>				< 2>			
	erosion	0	0	0	0	0	1	1	0
		(0)	(0)	(0)	(0)	(0)	(50)	(50)	(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. : 0777
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

Organ	Findings	Group Name No. of Animals on Study Grade	Control				0.1ppm				0.3ppm				1ppm			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
[Respiratory system]																		
larynx	degeneration:epithelium		< 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)
	inflammation		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)
trachea	erosion		< 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)
	degeneration: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)
	inflammation		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)
lung	inflammatory infiltration		< 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)
	necrosis:epithelium, bronchus		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. : 0777
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

Organ	Findings	3ppm				10ppm				
		5				2				
		1	2	3	4	1	2	3	4	
Grade		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
{Respiratory system}										
larynx	degeneration:epithelium	< 5>				< 2>				
		0	0	0	0	0	2	0	0	0
		(0)	(0)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	inflammation	0	0	0	0	2	0	0	0	0
		(0)	(0)	(0)	(0)	(100)	(0)	(0)	(0)	(0)
trachea	erosion	< 5>				< 2>				
		0	0	0	0	0	1	1	0	0
		(0)	(0)	(0)	(0)	(0)	(50)	(50)	(0)	(0)
	degeneration:epithelium	0	0	0	0	1	0	1	0	0
		(0)	(0)	(0)	(0)	(50)	(0)	(50)	(0)	(0)
	inflammation	0	0	0	0	2	0	0	0	0
		(0)	(0)	(0)	(0)	(100)	(0)	(0)	(0)	(0)
lung	inflammatory infiltration	< 5>				< 2>				
		0	0	0	0	2	0	0	0	0
		(0)	(0)	(0)	(0)	(100)	(0)	(0)	(0)	(0)
	necrosis:epithelium, bronchus	0	0	0	0	1	1	0	0	0
		(0)	(0)	(0)	(0)	(50)	(50)	(0)	(0)	(0)

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