アクリル酸メチ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:0797

TABLES

TABLES

TABLE	A	CONCENTRATIONS OF METHYL ACRYLATE IN THE INHALATION CHAMBER OF THE 2-WEEK INHALATION STUDY
TABLE	В 1	SURVIVAL ANIMAL NUMBERS: MALE
TABLE	B 2	SURVIVAL ANIMAL NUMBERS: FEMALE
TABLE	C 1	CLINICAL OBSERVATION: MALE
TABLE	C 2	CLINICAL OBSERVATION: FEMALE
TABLE	D 1	BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE
TABLE	D 2	BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE
TABLE	D 3	BODY WEIGHT CHANGES: MALE
TABLE	D 4	BODY WEIGHT CHANGES: FEMALE
TABLE	E 1	FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS: MALE
TABLE	E 2	FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS: FEMALE
TABLE	Е 3	FOOD CONSUMPTION CHANGES: MALE
TABLE	E 4	FOOD CONSUMPTION CHANGES: FEMALE
TABLE	F 1	HEMATOLOGY: MALE
TABLE	F 2	HEMATOLOGY: FEMALE
TABLE	G 1	BIOCHEMISTRY: MALE
TABLE	G 2	BIOCHEMISTRY: FEMALE

TABLES (CONTINUED)

TABLE	H 1	GROSS FINDINGS: MALE
TABLE	H 2	GROSS FINDINGS: FEMALE
TABLE	I 1	ORGAN WEIGHT, ABSOLUTE: MALE
TABLE	I 2	ORGAN WEIGHT, ABSOLUTE: FEMALE
TABLE	J 1	ORGAN WEIGHT, RELATIVE: MALE
TABLE	J 2	ORGAN WEIGHT, RELATIVE: FEMALE
TABLE	K 1	HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS: MALE: ALL ANIMALS
TABLE	K 2	HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS: MALE: DEAD AND MORIBUND ANIMALS
TABLE	K 3	HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS: MALE: SACRIFICED ANIMALS
TABLE	K 4	HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS: FEMALE: ALL ANIMALS
TABLE	K 5	HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS: FEMALE: DEAD AND MORIBUND ANIMALS
TABLE	K 6	HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS: FEMALE: SACRIFICED ANIMALS

TABLE A

CONCENTRATIONS OF METHYL ACRYLATE IN THE INHALATION CHAMBER OF THE 2-WEEK INHALATION STUDY

CONCENTRATIONS OF METHYL ACRYLATE IN THE INHALATION CHAMBER OF THE 2-WEEK INHALATION STUDY

Group Name	Concentration(ppm) Mean \pm S.D.
Control	0.0 ± 0.0
50 ppm	$50.1~\pm~0.2$
100 ppm	100.5 ± 0.6
200 ppm	200.3 ± 1.4
400 ppm	400.4 ± 1.2
800 ppm	800.8 ± 1.5

TABLE B1

SURVIVAL ANIMAL NUMBERS: MALE

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 2
SEX : MALE

PAGE: 1

roup Name	Animals	Administration (Days)														
	At start	0-0	1-1	1-2	1-3	1-4	1-5	1-6	1-7	2-1	2-2	2-3	2-4	2-5	2-6	
Control	5	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	
50ppm	5	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	
100ppm	5	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	
200ppm	5	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	
400ppm	5	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	
800ppm	5	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	0/ 5 0. 0	0/ 5 0. 0	0/ 5 0. 0	0/ 5 0. 0	0/ 5 0. 0	0/ 5 0. 0	

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

(HAN360)

BA1S5

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 2

SEX : MALE

PAGE: 2

up Name	Animals At start	Administration (Days)	
Control	5	5/ 5 100. 0	•
maq02	5	5/ 5 100. 0	
100ppm	5	5/ 5 100. 0	
200ppm	5	5/ 5 100. 0	
400ppm	5	5/ 5 100. 0	
mqq008	5	0/ 5 0. 0	

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

(HAN360)

BA1S5

TABLE B2

SURVIVAL ANIMAL NUMBERS: FEMALE

SURVIVAL ANIMAL NUMBERS

STUDY NO. : 0797
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 2
SEX : FEMALE

PAGE

	•	
2L		•
_		

roup Name	Animals	Administration (Days)														
	At start	0-0	1–1	1-2	1-3	1-4	1-5	-5 1-6	1-7	2-1	2-2	2-3	2-4	2-5	2-6	
Control	5	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	
50ppm	5	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	
100ppm	5	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	
200ppm	5	5/ 5 100. 0	5/ 5 100. 0													
400ppm	5	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	
800ppm	5	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	5/ 5 100. 0	2/ 5 40. 0	0/ 5 0. 0	0/ 5 0. 0	0/ 5 0. 0	0/ 5 0. 0	0/ 5 0. 0	0/ 5 0. 0	

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

(HAN360)

BA1S5

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 2
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

up Name	Animals At start	Administration (Days)	
Control	5	5/ 5 100. 0	
50ppm	5	5/ 5 100. 0	
100ppm	5	5/ 5 100. 0	
200ppm	5	5/ 5 100. 0	
400ppm	5	5/ 5 100. 0	
800ppm	5	0/ 5 0. 0	

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

(HAN360)

BA1S5

TABLE C1

CLINICAL OBSERVATION: MALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

SEX : MALE

PAGE: 1

Clinical sign	Group Name	Admini	stration We	eek-day			
		1-1	1-2	1-4	1-7	2-3	2-7
		·				 	
DEATH	Control	0	0	0	0	0	0
	50ppm	Ō	Ō	Ō	Ō	Ö	Ö
	100ppm	0	0	0	0	0	0
	200ppm	0	0	0	0	0	0
	400ppm	0	0	0	0	0	0
	800ppm	0	0	0	0	5	5
LOCALISTON MOVEMENT DECD	0		•	0	•	•	
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0
	50ppm	0	0 0	0 0	0 0	0	0
	100ppm 200ppm	0 0	0	0	0	0 0	0 0
	400ppm	0	0	0	0	Ö	0
	800ppm	5	1	0	5	_	_
	Oooppiii	J	ļ.	Ū	J		
PILOERECTION	Control	0	0	0	0	0	0
	50ppm	0	0	0	0	0	0
	100ppm	0	0	0	0	0	0
	200ppm	0	0	0	0	0	0
	400ppm	0	0	0	0	0	0
	800ppm	0	0	0	5	-	-
IRREGULAR BREATHING	Control	n	0	0	n	0	0
IKKEGULAK BKEATHING	Control 50ppm	0	0	0 0	0	0 0	0 0
	100pm	0	n n	Û	0	0	0
	200ppm	0	0	0	0	0	0
•	400ppm	Ö	0	Õ	0	0	0
	800ppm	5	5	Ö	5	_	-
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0
	50ppm	0	0	0	0	0	0
	100ppm	0	0	0	0	0	0
	200ppm	0	0	0	0	0	0
	400ppm	0	0	0	0	0	0
	800ppm	4	2	0	2	-	-
NON REMARKABLE	Control	5	5	5	5	5	5
HOH KERNIKUDEG	50ppm	5	5	5	5	5	5
	100ppm	5	5	5	5	5	5
	200ppm	5	5	5	5	5	5
	400ppm	5	5	5	5	5	5
	800ppm	0	0	5	0	-	-

TABLE C2

CLINICAL OBSERVATION: FEMALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 2

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

PAGE: 2

Clinical sign	Group Name	Admini	stration We	eek-day _			
		1-1	1-2	1-4	1-7	2-3	2-7
	99						
DEATH	Control	0	0	0	0	0	0
DEATH	50ppm	0	n	0	0	0	0
	100ppm	0	0	0	0	0	0
	200ppm	Ö	n	0	0	0	0
	400ppm	0	0	0	0	0	0
	400ppm 800ppm	0	0	0	2	4	4
	ουυμμιι	U	U	U	۷	4	4
MORIBUND SACRIFICE	Control	0	0	0	0	0	0
	50ppm	0	0	0	0	0	0
	100ppm	0	0	0	0	0	0
	200ppm	0	0	0	0	0	0
	400ppm	0	0	0	0	0	0
	800ppm	0	0	0	0	1	1
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0
	50ppm	Ö	Ō	Ō	. 0	Ŏ	Ö
	100ppm	Õ	Õ	Ō	Ö	Ö	Õ
	200ppm	Õ	ŏ	Õ	Ŏ	Ŏ	ŏ
	400ppm	Ö	ŏ	ŏ	Ŏ	Ö	Õ
	mqq008	3	Õ	Õ	3	-	-
HIMOUDACK DOCUTION			•		•	•	•
HUNCHBACK POSITION	Control	0	0	0	0	0	0
	50ppm	0	0	0	0	0	0
	100ppm	0	0	0	0	0	0
	200ppm	0	0	0	0	0	0
	400ppm	0	0	0	0	1	1
	800ppm	0	0	0	0	-	-
PILOERECTION	Control	0	0	0	0	0	0
	50ppm	Ö	Ö	ŏ	Ö	Õ	Ö
	. 100ppm	Õ	Ö	Ö	ŏ	Õ	Ö
	200ppm	Õ	Ö	ŏ	Ö	Õ	ŏ
	400ppm	Õ	Õ	Ö	Ö	1	1
	800ppm	Ö	Ö	Ö	3	<u>.</u>	-
IDDECKI AD DDEATHING	0	•	•			•	•
IRREGULAR BREATHING	Control	0	0	0	0	0	0
	50ppm	0	0	0	0	0	0
	100ppm	0	0	0	0	0	0
	200ppm	0	0	0	0	0	0
	400ppm	0	0	0	1	0	0
	mqq008	5	2	0	3	-	- .

ANIMAL : MOUSE B6D2F1/Crlj [Crj:BDF1]

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

REPORT TYPE : A1 2

SEX : FEMALE

PAGE: 3

Clinical sign	Group Name	Admini	stration W	eek-day			
		1-1	1-2	1-4	1-7	2-3	2–7
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0
	50ppm	0	0	0	0	0	0
	100ppm	0	0	0	0	0	0
	200ppm	0	0	0	0	0	0
	400ppm	0	0	0	0	0	0
	800ppm	1	2	0	1	-	-
NON REMARKABLE	Control	5	5	5	5	5	5
	50ppm	5	5	5	5	5	5
	100ppm	5	5	5	5	5	5
	200ppm	5	5	5	5	5	5
	400ppm	5	5	5	4	4	4
	800ppm	ñ	3	5	n	_	_

(HAN190)

TABLE D1

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

: MOUSE B6D2F1/Crlj[Crj:BDF1]

ANIMAL : MOUSE B6D UNIT : g

· a

REPORT TYPE : A1 2 SEX : MALE

PAGE: 1

Control 50ppm 100ppm 200ppm 400ppm 800ppm Av. Wt. No. of Av. Wt. % of No. of No. of Av. Wt. No.of Av. Wt. % of No. of No. of Av. Wt. % of Av. Wt. % of % of Week-Day Surviv. Surviv. Surviv. cont. Surviv. cont. Surviv. cont. Surviv. con t. con t. < 5> on Study < 5> < 5> < 5> < 5> < 5> 100 5/ 5 24.8 (5) 5/5 100 100 5/5 24.8 (5) 100 5/5 24.7 (5) 0-0 24.7 (5) 100 5/5 24.7 (5) 5/5 24.7 (5) 1-2 24.8 (5) 5/5 22.1 (5) 89 5/5 22.5 (5) 91 5/5 22.0 (5) 89 5/5 20.4 (5) 82 5/5 20.8 (5) 84 5/5 85 24.9 (5) 5/5 24.0 (5) 96 96 23. 2 (5) 93 5/5 22. 1 (5) 89 5/5 21. 1 (5) 5/5 1-4 5/5 23.8 (5) 5/5 1-7 25.6 (5) 5/5 23.8 (5) 93 5/5 22. 2 (5) 87 5/5 20.7 (5) 81 5/5 18. 2 (5) 71 5/5 . 15.7 (5) 61 5/5 2-3 25.9 (5) 5/5 24.8 (5) 96 5/5 23.6 (5) 91 5/5 21.5 (5) 83 5/5 18.6 (5) 72 5/5 - (-) 0/5 2-7 26.4 (5) 5/5 95 83 18. 2 (5) 69 5/5 - (-) 0/5 25. 1 (5) 5/5 23.4 (5) 89 5/5 21.9 (5) 5/5

MEAN BODY WEIGHTS AND SURVIVAL

\(\rightarrow\): No. of effective animals, (): No. of measured animals Av. Wt.: g

(B10040)

TABLE D2

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

UNIT : g
REPORT TYPE : A1 2
SEX : FEMALE

PAGE: 2

		Control		50p	pm		100p	pm		200p	pm		400p	pm		800ppm	
Week-Day on Study	Av. Wt.	No. of Surviv. (5)	Av. Wt.	% of cont. < 5>	No. of Surviv.	Av. Wt.	% of cont. < 5>	No. of Surviv.	Av. Wt.	% of cont. < 5>	No. of Surviv.	Av. Wt.	% of cont. < 5>	No. of Surviv.	Av. Wt.	% of cont. < 5>	No of Surviv.
0-0	20. 8 (5)	5/ 5	20. 8 (5)	100	5/ 5	20. 8 (5)	100	5/ 5	20. 8 (5)	100	5/ 5	20.8 (5)	100	5/ 5	20. 8 (5)	100	5/ 5
1-2	20. 2 (5	5/5	18.3 (5)	91	5/5	17.7 (5)	88	5/5	18.3 (5)	91	5/5	16.9 (5)	84	5/5	17.3 (5)	86	5/5
1-4	20.3 (5	5/5	18.9 (5)	93	5/5	18.6 (5)	92	5/5	19. 1 (5)	94	5/5	17. 4 (5)	86	5/5	17. 3 (5)	85	5/5
1-7	20.7 (5)	5/5	19.4 (5)	94	5/5	18.4 (5)	89	5/5	17.7 (5)	86	5/5	14.7 (5)	71	5/5	12.6 (2)	61	2/5
2-3	20.6 (5	5/5	20. 2 (5)	98	5/5	19. 2 (5)	93	5/5	18.1 (5)	88	5/5	14.3 (5)	69	5/5	- (-)	_	0/5
2-7	21.0 (5	5/5	20.3 (5)	97	5/5	18.7 (5)	89	5/5	18.0 (5)	86	5/5	14.4 (5)	69	5/5	- (-)	_	0/5

MEAN BODY WEIGHTS AND SURVIVAL

(B10040)

TABLE D3

BODY WEIGHT CHANGES: MALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

UNIT : g
REPORT TYPE : A1 2
SEX : MALE

PAGE: 1

Administration 0-0 24.8± 0.8 24.7± 0.9 24.7± 0.9	1-2 24. 8± 1. 3 22. 1± 0. 8** 22. 5± 1. 8*	1-4 24. 9± 1. 1 24. 0± 1. 3 23. 8± 1. 2	1-7 25. 6± 1. 2 23. 8± 1. 3 22. 2± 2. 0**	2-3 25. 9± 1. 3 24. 8± 1. 3 23. 6± 1. 8	2-7 26. 4± 1. 3 25. 1± 1. 4 23. 4± 2. 1*	
24. 7± 0. 9 24. 7± 0. 9	22. 1± 0. 8** 22. 5± 1. 8*	24.0± 1.3	23.8± 1.3	24.8± 1.3	25. 1± 1. 4	
24. 7± 0. 9	22.5± 1.8*					
		23.8± 1.2	22.2± 2.0**	23.6± 1.8	23. 4± 2. 1*	
24.7± 0.9						
	22. 0± 0. 8**	23. 2± 1. 5	20.7± 0.9**	21.5± 1.7**	21.9± 0.9**	
24.8± 0.8	20.4± 0.9**	22. 1 ± 0. 7**	18. 2± 0. 9**	18.6± 0.6**	18. 2± 0. 7**	
24.7± 0.9	20.8± 1.1**	21. 1± 0. 9**	15. 7± 0. 7**	- -	-	
* : P ≤ 0.05	** : P ≤ 0.01		Test of Dunnett			
_	24. 7± 0. 9	24. 7± 0. 9 20. 8± 1. 1**	24. 7± 0. 9 20. 8± 1. 1** 21. 1± 0. 9**	24. 7± 0. 9 20. 8± 1. 1** 21. 1± 0. 9** 15. 7± 0. 7**	24. 7± 0. 9 20. 8± 1. 1** 21. 1± 0. 9** 15. 7± 0. 7** -	24. 7± 0. 9 20. 8± 1. 1** 21. 1± 0. 9** 15. 7± 0. 7**

(HAN260)

TABLE D4

BODY WEIGHT CHANGES: FEMALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

UNIT : g REPORT TYPE : A1 2

SEX : FEMALE

PAGE: 2

oup Name	Administratio	n week-day					
	0-0	1-2	1-4	1-7	2-3	2–7	
Control	20.8± 0.7	20. 2± 0. 8	20.3± 0.7	20.7± 0.8	20.6± 0.6	21. 0± 0. 9	
50ppm	20.8± 0.6	18.3± 1.2**	18.9± 0.7	19.4± 0.7	20. 2± 1. 5	20. 3± 1. 0	
100ppm	20.8± 0.7	17.7± 0.7**	18.6± 0.3*	18.4± 0.5**	19. 2± 0. 5	18.7± 0.7**	
200ррт	20.8± 0.8	18.3± 1.0**	19.1± 0.9	17.7± 1.3**	18.1± 1.0*	18.0± 0.9**	
400ppm	20.8± 0.5	16.9± 0.4**	17.4± 1.5**	14.7± 0.5**	14.3± 1.7**	14. 4± 0. 7**	
800ppm	20.8± 0.8	17. 3± 0. 8**	17. 3± 0. 4**	12.6± 0.5 ?	-	-	
Significant difference	e; *:P≦ 0.05	** : P ≤ 0.01		Test of Dunnett			

(HAN260)

TABLE E1

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

UNIT : g
REPORT TYPE : A1 2
SEX : MALE

PAGE: 1

		Control		50p	om		100pp	om		200p	pm		400p	pm		1q008	om
Week-Day on Study	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	4.4 (5) 5/5	4.1 (5)	93	5/ 5	3. 6 (5)	82	5/ 5	3. 3 (5)	75	5/ 5	2. 7 (5)	61	5/ 5	1. 4 (5)	32	5/ 5
2-7	4.1 (5) 5/5	4.0 (5)	98	5/5	3.8 (5)	93	5/5	3.6 (5)	88	5/5	4.0 (5)	98	5/5	- (-)	-	0/5

(B10040)

TABLE E2

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE

MEAN FOOD CONSUMPTION (FC) AND SURVIVAL

ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 2
SEX : FEMALE

PAGE: 2

		Control		50p	pm		100p	om		200p	om		400p	pm		800pı	m
Week-Day on Study	Av. FC.	No. of Surviv. < 5>	Av. FC.	% of cont. < 5>	No. of Surviv.	Av. FC.	% of cont. < 5>	No. of Surviv.	Av. FC.	% of cont. < 5>	No. of Surviv.	Av. FC.	% of cont. < 5>	No. of Surviv.	Av. FC.	% of cont. < 5>	No. of Surviv.
1-7	3. 5 (5) 5/5	3. 2 (5)	91	5/ 5	2. 8 (5)	80	5/ 5	2. 7 (5)	77	5/ 5	1. 8 (5)	51	5/ 5	1. 7 (2)	49	2/ 5
2-7	3.5 (5) 5/5	3. 5 (5)	100	5/5	3.1 (5)	89	5/5	3.0 (5)	86	5/5	2. 9 (5)	83	5/5	- (-)	-	0/5

(B10040)

TABLE E3

FOOD CONSUMPTION CHANGES: MALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 2
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

PAGE: 1

Group Name	Administration week-day(eff 1-7(7) 2-7	ective)(7)		
Control	4. 4± 0. 3 4. 1±	0. 2		
50ppm	4. 1 ± 0. 4 4. 0 ±	0. 3		
100ppm	3.6± 0.4* 3.8±	0. 3		
200ppm	3. 3± 0. 5** 3. 6±	0. 3		
400ppm	2.7± 0.4** 4.0±	0. 4		
800ppm	1. 4± 0. 2** -			
Significant differenc	e; *: P ≤ 0.05 **: P ≤ 0.0	II Tes	t of Dunnett	

(HAN260)

TABLE E4

FOOD CONSUMPTION CHANGES: FEMALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

FOOD CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

UNIT : g REPORT TYPE : A1 2

SEX : FEMALE

PAGE: 2

roup Name	Administration w 1-7(7)	ek-day (effective) 2-7 (7)	
Control	3. 5± 0. 4	3. 5± 0. 4	
50ppm	3. 2± 0. 3	3. 5± 0. 1	
100ppm	2.8± 0.2*	3. 1 ± 0. 1*	
200ppm	2. 7± 0. 4**	3. 0± 0. 2*	
400ppm	1. 8± 0. 3**	2. 9± 0. 6*	
800ppm	1.7± 0.6 ?	-	

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

Test of Dunnett

(HAN260)

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

TABLE F1

HEMATOLOGY : MALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HEMATOLOGY (SUMMARY) ALL ANIMALS (3W)

MEASURE. TIME : 1 SEX : MALE

REPORT TYPE : A1

PAGE: 1

up Name	NO. of Animals	RED BLOOD 1 O ⁶ /µl		HEMOGLO g∕dl	BIN	HEMATOC %	CRIT	MCV f &		MCH pg		MCHC g/dl		PLATELE 1 0³/μ	
Control	5	11. 25 ± 0). 34	16.8±	0. 4	52 . 7±	1. 9	46.9±	0. 9	14.9±	0. 2	31.9±	0. 9	1260±	82
50ppm	4	11. 20 ± 0). 33	16.8±	0. 4	52. 5±	1. 3	46.9±	1. 0	15.0±	0. 1	32. 0±	0. 5	1160±	76
100ppm	5	11. 20± 0). 29	16.8±	0. 5	52. 2±	1. 4	46.6±	0. 6	15.0±	0. 2	32. 1±	0. 4	1141±	71*
200ppm	5	11. 46± 0). 41	16.9±	0. 7	52.7±	1. 3	46. 0±	0. 6	14.7±	0. 2	32. 0±	0. 7	1269±	28
400ppm	5	11. 21 ± 0.). 23	16.4±	0. 5	50.4±	1. 8	44.9±	1. 0**	14.7±	0. 1	32. 7±	0. 9	1433± °	45**
mqq008	0	-		-		_		_		-		_		_	

Significant difference ; * : P ≤ 0.05

** : P ≤ 0.01

Test of Dunnett

(HCL070)

STUDY NO. : 0797 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1] MEASURE. TIME : 1 SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY) ALL ANIMALS (3W)

PAGE: 2

up Name	NO. of Animals	RETICUL %	CYTE	
Control	5	1.9±	0. 3	
50ppm	4	1. 6±		•
100ppm	5	1. 6±	0. 3	
200ppm	5	1.5±	0. 4	
400ppm	5	0.7±	0. 4**	
mqq008	0	-		

(HCL070)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1

HEMATOLOGY (SUMMARY) ALL ANIMALS (3W)

SEX : MALE

REPORT TYPE : A1

PAGE: 3

roup Name	NO. of Animals	WBC 1 O³∕µl	Di f Neutro	fferential	WBC (% LYMPHO	()	MONO		EOSINO		BASO		OTHER	
Control	5	1. 84± 0. 77	15±	3	81 ±	3	2±	1	2±	1	0±	0	1±	0
50ppm	4	1. 92± 1. 21	10±	2	84±	4	2±	1	5±	2	0±	0	0±	1
100ppm	5	1. 48± 0. 59	12±	3	80±	5	2±	0	5±	3	0±	0	0±	1
200ppm	5	1. 52± 0. 87	15±	4	77±	5	1 ±	0	6±	2	1±	2	1±	1
400ppm	5	0. 83 ± 0. 81	27±	7**	65±	7**	3 ±	3	$3\pm$	2	1±	1	1±	1
800ppm	0	-	-		-		-		-		-		- '	
Significant o	difference ;	* : P ≤ 0.05	** : P ≦	0. 01			Test	of Dunn	ett					

(HCL 070)

TABLE F2

HEMATOLOGY: FEMALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HEMATOLOGY (SUMMARY) ALL ANIMALS (3W)

MEASURE TIME : 1 SEX : FEMALE

REPORT TYPE : A1

PAGE: 4

BAIS 5

roup Name	NO. of Animals	RED BLOOD CELL 1 06/jul	HEMOGLOBIN g∕dl	HEMATOCRIT %	MCV f &	MCH pg	MCHC g∕dl	PLATELET 1 O³/µl
Control	5	11. 32± 0. 22	17. 0± 0. 5	52. 4± 1. 4	46. 3± 0. 4	15. 0± 0. 2	32. 4± 0. 3	1057± 25
50ppm	5	11. 05± 0. 19	16.6± 0.3	51.0± 1.0	46. 1 ± 0. 4	15. 0± 0. 2	32. 5± 0. 6	1125± 78
100ppm	5	10. 95± 0. 20	16. 2± 0, 3	50.0± 1.6	45.7± 1.1	14.8± 0.1	32. 4± 0. 5	1022± 71
200ppm	5	11. 08± 0. 33	16.6± 0.6	51.0± 1.6	46. 0± 0. 4	14. 9± 0. 2	32. 4± 0. 6	1063± 75
400ppm	5	11. 52± 0. 81	16. 9± 1. 2	51. 5± 4. 6	44. 7± 1. 5	14. 7± 0. 1	32. 9± 1. 0	1397± 120**
mqq008	0	-	-	-	-	-	-	-

(HCL 070)

STUDY NO. : 0797 ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1] MEASURE. TIME : 1

HEMATOLOGY (SUMMARY) ALL ANIMALS (3W)

SEX : FEMALE

REPORT TYPE : A1.

Group Name	NO. of Animals	RETICULOCYT %	E		
Control	5	1.7± 0.	7		
50ppm	5	1.7± 0.	3		
100ppm	5	1. 3± 0.	2		
200ppm	5	1.3± 0.	3		
400ppm	5	0.8± 0.	3**		
mqq008	0	-			
Significant o	lifference ;	* : P ≤ 0.05	** : P ≤ 0.01	Test of Dunnett	

(HCL070)

BAIS 5

PAGE: 5

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1

HEMATOLOGY (SUMMARY) ALL ANIMALS (3W)

SEX : FEMALE

REPORT TYPE : A1

PAGE: 6

oup Name	NO. of Animals	WBC 1 0 ³ /		Di Neutro	fferential	WBC (% LYMPHO	ś)	MONO		EOSINO		BASO		OTHER	
Control	5	2. 10±	1. 46	11±	5	86±	5	1±	0	1±	0	0±	0	0± ,	0
50ppm	5	1. 72±	0. 59	8±	3	87±	4	1 ±	0	3 ±	1	0±	0	1±	1
100ppm	5	1.18±	0. 29	8±	2	86±	3	2±	1	4 ±	2	0±	0	0±	1
200ppm	5	1. 57±	0. 17	13±	3	82±	5	1±	0	5±	3	0±	0	0±	1
400ppm	5	2. 07±	1. 44	61 ±	25**	34±	24**	3 ±	1	1±	0	0±	0	0±	0
mqq008	0	-		-		-		-		-		-		-	

(HCL070)

TABLE G1

BIOCHEMISTRY: MALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (3W)

MEASURE. TIME : 1 SEX : MALE

REPORT TYPE : A1

PAGE: 1

oup Name	NO. of Animals	TOTAL PR g/dl	ROTEIN	ALBUMIN g∕dl		A/G RAT	10	T-BILI mg∕dl		GLUCOSE mg/dl		T-CHOLE. mg∕dl	STEROL	TRIGLYCI mg/dl	ERIDE
Control	5	5.4±	0. 2	2. 9±	0. 1	1.1±	0. 0	0.06±	0. 03	239±	12	103±	11	48±	18
50ppm	5	5. 3±	0. 2	2. 9±	0. 0	1. 2±	0. 1	0. 07±	0. 01	248±	36	101±	7	35±	16
100ppm	5	5. 3±	0. 2	2.9生	0. 1	1. 3±	0. 1*	0.09±	0. 02	249±	12	108±	9	26±	9
200ppm	5	5.4±	0. 2	3.0±	0. 1	1.3±	0. 1**	0.10±	0. 03*	210±	43	113±	12	18±	7**
400ppm	5	5.3±	0. 2	2.8±	0. 2	1. 2±	0. 1	0.07±	0. 01	116±	75*	83±	19	4±	2**
800ppm	0	<u>-</u>		-		-		-		-		-			

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

Test of Dunnett

(HCL074)

STUDY NO. : 0797
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (3W)

PAGE: 2

roup Name	NO. of Animals	PHOSPHO mg/dl	LIPID	AST U/L		ALT U/L		LDH U/L		ALP U/L		G-GTP U∕L		CK U/L	
Control	5	209±	17	33±	4	14±	2	260±	273	428±	18	0.3±	0. 3	71 ±	32
50ppm	5	200±	16	33±	5	15±	2	182±	36	400±	26	0. 2±	0. 2	81 ±	19
100pm	5	197±	14	34 ±	4	14±	2	182±	63	320±	32**	0.2±	0. 2	99±	41
200ppm	5	185±	14	30±	5	13±	0	185±	26	309±	23**	0.3±	0. 3	67±	15
400ppm	5	82±	29**	90±	34*	39±	16**	427±	208**	$342\pm$	77**	0.5±	0. 3	422± .	299**
800ppm	. 0	-		-		-		-		-		_		_	

(HCL074)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (3W)

MEASURE. TIME: 1

SEX : MALE

REPORT TYPE : A1

PAGE: 3

oup Name	NO. of Animals	UREA NI mg∕dl	ITROGEN	SODIUM mEq/l		POTASSI inEq/		CHLORIDE mEq/l		CALCIUM mg/dl		INORGAN mg/dl	IIC PHOSPHORUS
Control	5	29.8±	1. 1	151±	1	4. 3±	0. 3	120±	1	8.9±	0. 2	7.6±	0. 6
50ppm	5	21.9±	4. 2**	151±	1	4. 4±	0. 2	119±	1	9.2±	0. 1	8. 2±	1. 0
100ppm	5	21. 2±	3. 8**	151±	1	4.5±	0. 3	119±	2	9.3±	0. 2*	8.8±	1. 7
200ppm	5	23.3±	2. 1*	151 ±	1	4.7±	0. 1	118±	1	9.2±	0. 2*	8. 0±	0. 7
400ppm	5	44.8±	9. 0	151 ±	2	4. 4±	0. 1	119±	3	8.8±	0. 2	6.9±	1. 4
800ppm	0	-		-		-		-		-		-	

(HCL 074) BAIS 5

TABLE G2

BIOCHEMISTRY: FEMALE

STUDY NO. : 0797 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1] MEASURE. TIME : 1

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (3W)

SEX : FEMALE

REPORT TYPE : A1

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

PAGE: 4

Group Name	NO. of Animals	TOTAL PA g/dl	ROTEIN	ALBUMIN g∕dl		A/G RAT	10	T-BILI mg∕dl		GLUCOSE mg∕dl		T-CHOLE mg/dl	STEROL	TRIGLYCE mg/dl	ERIDE
Control	5	5.6±	0. 1	3. 3±	0. 1	1. 5±	0. 1	0. 05±	0. 01	170±	16	77±	9	18±	7
50ppm	5	5. 2±	0. 2	3.1±	0. 1*	1.5±	0. 1	0.06±	0. 01	184±	34	85±	9	21±	6
100ppm	5	5. 3 ±	0. 3	3. 1 ±	0. 1*	1. 4±	0. 1	0.07±	0. 01	179±	18	80±	18	17±	8
200ppm	5	5.5±	0. 3	3. 2±	0. 1	1. 4±	0. 1	0. 08±	0. 01**	167±	22	82±	9	14±	8
400ppm	5	5. 2±	0. 3	2.7±	0. 6**	1.1±	0. 3**	0.07±	0. 01*	83±	61**	102±	27	4 ±	2**
800ppm	0 .			-		-		_		-		-		-	

Test of Dunnett

(HCL 074)

STUDY NO. : 0797
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (3W)

PAGE: 5

oup Name	NO. of Animals	PHOSPHOI mg∕dl	LIPID	AST U/L		ALT U/L		LDH U/L		ALP U/L		G−GTP U∕L		CK U/L	
Control	5	158±	19	43±	7	14±	3	159±	29	635±	40	0. 5 ±	0. 4	89±	28
50ppm	5	164±	13	41 ±	3	14±	2	202±	68	548±	45	0.3±	0. 3	84±	30
100pm	5	151±	14	39±	5	16±	2	194±	41	511±	47*	0.3±	0. 2	84±	22
200ppm	5	140±	15	43 ±	11	19±	5	218±	84	483±	95**	0.3±	0. 2	109±	84
400ppm	5	92±	30**	119±	28*	49±	12**	553±	440**	467±	89**	0.3±	0. 2	398±	126*
800ppm	0	-		_		-		_		-		-		-	

(HCL 074)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
MEASURE. TIME : 1

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (3W)

SEX : FEMALE

REPORT TYPE : A1

PAGE: 6

roup Name	NO. of Animals	UREA NIT mg∕dl		SODIUM mEq/2		POTASSI mEq/		CHLORIDE mEq/l		CALCIUM mg∕dl		INORGAN mg∕dl	IC PHOSPHORUS
Control	5	25. 9±	2. 6	151±	1	4. 4±	0. 2	120±	3	9.1±	0. 3	6.6±	1. 4
mqq02	5	· 20.6±	3. 7*	149±	2	4. 5±	0. 1	117±	2	8.9±	0. 1	7. 0±	0. 8
100pm	5	22. 0±	1. 8	149±	1	4.8±	0. 5	118±	2	8.9±	0. 3	6. 9±	1. 2
200ppm	5	21. 9±	2. 2*	151±	1	4. 6±	0. 3	117±	2	9.4±	0. 3	7. 5±	0. 7
400ppm	5	44. 5±	11. 2	150±	2	4. 0±	0. 4	121±	5	9.1±	0. 8	7.3±	0. 8
800ppm	0	-		-		_		_		-		_	

(HCL074)

TABLE H1

GROSS FINDINGS: MALE

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

STUDY NO. : 0797
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

SEX

: MALE

PAGE: 1

Organ	Findings	Group Name NO. of Animals	5	Control (%)	5	50ppm (%)	5	100ppm (%)	5	200ppm (%)
lung	red zone		0	(0)	0	(0)	0	(0)	0	(0)
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)
liver	white zone		0	(0)	0	(0)	0	(0)	0	(0)
ki dney	hydronephrosis		1	(20)	0	(0)	0	(0)	0	(0)

(HPT080)

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

STUDY NO. : 0797
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

PAGE: 2

Organ	Findings	Group Name NO. of Animals 5	5	400ppm (%)	!	5	800ppm (%)
lung	red zone	0)	(0)		3	(60)
thymus	atrophic			(100)			(100)
tomach	gas	0)	(0)		4	(80)
mall intes	gas	0)	(0)		4	(80)
arge intes	gas	0)	(0)		4	(80)
ver	white zone	0)	(0)	•	1	(20)
idney	hydronephrosis	0)	(0)	(0	(0)

(HPT080)

TABLE H2

GROSS FINDINGS: FEMALE

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

STUDY NO. : 0797
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

SEX : FEMALE

PAGE: 3

Organ	Findings	Group Name NO. of Animals	5	Control (%)	5	50 ppm (%)	5	100ppm (%)	5	200ppm (%)	•
lung	red		0	(0)	0	(0)	0	(0)	0	(0)	
	red zone		0	(0)	0	(0)	0	(0)	0	(0)	
thymus	atrophic		0	(0)	0	(0)	0	(0)	0	(0)	
stomach	rupture		0	(0)	0	(0)	0	(0)	0	(0)	
	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)	

(HPT080)

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

STUDY NO. : 0797
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

PAGE: 4

rgan	Findings_	Group Name NO. of Animals	5	400ppm (%)	5	800ppm (%)	
ung	red		0	(0)	2	(40)	
	red zone		0	(0)	1	(20)	
ymus	atrophic		5	(100)	5	(100)	
omach	rupture		0	(0)	1	(20)	
	gas		0	(0)	3	(60)	
all intes	gas		0	(0)	4	(80)	
rge intes	gas		0	(0)	4	(80)	

(HPT080)

TABLE I1

ORGAN WEIGHT, ABSOLUTE: MALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE UNIT: g

PAGE: 1

oup Name NO. of Animals		Body Weight	THYMUS	ADRENALS	TESTES	HEART	LUNGS	
Control	5	22. 7± 0. 9	0. 045± 0. 003	0. 010± 0. 001	0. 194± 0. 044	0. 133± 0. 018	0. 136± 0. 008	
50ppm	5	22.5± 1.2	0. 043± 0. 008	0. 009± 0. 002	0. 198± 0. 016	0. 115± 0. 005*	0. 123± 0. 007	
100ppm	5	21.5± 1.6	0. 031 ± 0. 008**	0. 011± 0. 002	0. 204± 0. 022	0. 116± 0. 009*	0. 130± 0. 015	
200ppm	5	19.8± 0.7**	0. 020± 0. 002**	0. 010± 0. 002	0. 192± 0. 032	0. 107± 0. 007**	0. 124± 0. 005	
400ppm	5	15.1± 0.6**	0.009± 0.003**	0. 009± 0. 002	0. 192± 0. 012	0. 096± 0. 006**	0.146± 0.019	
mqq008	0	-		-	-	-	-	
Significant	difference ;	* : P ≤ 0.05 ** :	P ≤ 0.01	Test	of Dunnett			
CL040)								

STUDY NO. : 0797 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1] REPORT TYPE : A1 SEX : MALE UNIT: g

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

	Animals		NEYS	SPL	EEN	L I V	ER	BRA		
Control	5	0. 384±	0. 064	0. 047±	0. 006	0. 995±	0. 097	0. 443±	0. 008	
70pm	5	0. 345 \pm	0. 018	0.039±	0. 002*	0. 928±	0. 052	0. 424±	0. 015	
100ppm	5	0.339±	0. 016	0. 035±	0. 003**	0.857±	0. 048**	0. 433±	0. 018	
200ppm	5	0. 315±	0. 010**	0. 032±	0. 001**	0.786±	0. 046**	0. 420±	0. 009	
400ppm	5	0. 271 ±	0. 026**	0. 023±	0. 002**	0. 593 \pm	0. 053**	0. 407±	0. 022**	
800ppm	0	-		-		-		-		

(HCL 040)

BAIS 5

PAGE: 2

TABLE 12

ORGAN WEIGHT, ABSOLUTE: FEMALE

STUDY NO. : 0797 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1] REPORT TYPE : A1 SEX : FEMALE ORGAN WEIGHT: ABSOLUTE (SUMMARY) SURVIVAL ANIMALS (3W)

UNIT: g

p Name	NO. of Animals	Body Weight	THYMUS	ADRENALS	OVARIES	HEART	LUNGS
Control	5	17. 4± 0. 7	0. 057± 0. 005	0. 013± 0. 001	0.026± 0.003	0. 100± 0. 002	0. 121± 0. 008
50ppm	5	17.8± 0.7	0. 050± 0. 005	0. 012± 0. 001	0. 024± 0. 003	0.100± 0.006	0. 116± 0. 002
100ppm	5	16.6± 0.7	0. 039± 0. 006**	0. 011± 0. 001	0. 023 ± 0. 004	0. 093± 0. 002	0. 114± 0. 005
200ppm	5	16.2± 0.8*	0. 027± 0. 008**	0. 012± 0. 003	0. 021 ± 0. 004	0. 094± 0. 009	0. 123± 0. 016
400ppm	5	11.9± 0.4**	0. 008± 0. 002**	0. 011± 0. 002	0. 012± 0. 003**	0. 084± 0. 004**	0. 137± 0. 013
maq008	0	-	-	-	-	-	-

PAGE: 3

BAIS 5 (HCL 040)

STUDY NO. : 0797 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1] REPORT TYPE : A1

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

SEX : FEMALE

Group Name	NO. of Animals	KIDI	NEYS	SPL	EEN	LIV	ER	BRA	IN
Control	5	0. 251±	0. 009	0. 047±	0. 006	0.740±	0. 044	0. 441±	0. 012
50ppm	5	0. 259±	0. 018	0. 041±	0. 004	0.726±	0. 036	0. 429±	0. 016
100ppm	5	0. 256±	0. 013	0.039±	0. 004*	0. 685±	0. 032	0. 420±	0. 010
200ppm	5	0. 255±	0. 019	0. 031±	0. 004**	0. 657±	0. 042*	0. 430±	0. 024
400ppm	5	0. 207±	0. 006**	0.020±	0. 005**	0. 481 ±	0. 047**	0. 401 ±	0. 012**
mqq008	0	-		-		-		-	
Significant	difference ;	* : P ≤ 0.0	05 **	: P ≤ 0.01			Te	st of Dunnet	t

(HCL040)

TABLE J1

ORGAN WEIGHT, RELATIVE: MALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE UNIT: %

PAGE: 1

oup Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	TESTES	HEART	LUNGS
Control	5	22. 7± 0. 9	0.199± 0.007	0. 045± 0. 004	0.851± 0.176	0. 584± 0. 074	0.599± 0.035
50ppm	5	22.5± 1.2	0. 191± 0. 039	0.040± 0.011	0. 882± 0. 100	0. 511± 0. 026	0. 549± 0. 055
100ppm	5	21.5± 1.6	0. 141± 0. 033**	0. 052± 0. 008	0. 951 ± 0. 082	0.539± 0.019	0. 607± 0. 041
200ppm	5	19.8± 0.7**	0.099± 0.009**	0. 052± 0. 009	0. 969± 0. 159	0. 543± 0. 051	0. 627± 0. 043
400ppm	5 .	15.1± 0.6**	0. 059± 0. 021**	0.061± 0.012*	1. 272± 0. 062**	0. 641 ± 0. 044	0.969± 0.110**
800ppm	0	-	~	-	-	-	-

(HCL 042)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1

SEX : MALE UNIT: %

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

Group Name NO. of KIDNEYS SPLEEN LIVER BRAIN Animals 5 1. 692 ± 0.288 1. 948 ± 0.060 Control 0. 205± 0. 026 4.373 ± 0.338 5 50ppm 1. 540 ± 0. 114 0. 174± 0. 015* 4. 127± 0. 055 1.893 ± 0.148 5 100ppm 1. 584± 0. 105 0. 165± 0. 011** 3. 994± 0. 125 2. 021 ± 0. 134 200ppm 5 1.587± 0.019 0.161± 0.006** 3.959± 0.122* 2. 121 ± 0. 086 5 400ppm 1. 803 ± 0.189 0. 155± 0. 018** 3. 936± 0. 281* 2. 702 ± 0. 137** 800ppm 0

Significant difference; $*: P \leq 0.05$

** : P ≤ 0.01

Test of Dunnett

(HCL 042)

BAIS 5

PAGE: 2

TABLE J2

ORGAN WEIGHT, RELATIVE: FEMALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1
SEX : FEMALE
UNIT: %

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

PAGE: 3

oup Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	OVARIES	HEART	LUNGS
Control	5	17. 4± 0. 7	0. 325± 0. 026	0.076± 0.009	0.151± 0.014	0. 577± 0. 028	0. 697± 0. 070
50ppm	5	17.8± 0.7	0. 283± 0. 024	0. 068± 0. 009	0. 137± 0. 017	0. 563± 0. 028	0. 653± 0. 035
100ppm	5	16.6± 0.7	0. 235± 0. 027**	0.066± 0.007	0.139± 0.022	0. 559± 0. 029	0. 689± 0. 026
200ppm	5	16. 2± 0. 8*	0. 166± 0. 040**	0. 076± 0. 013	0. 127± 0. 023	0. 577± 0. 038	0. 756± 0. 071
400ppm	5	11. 9± 0. 4**	0. 065± 0. 015**	0.089± 0.014	0. 102± 0. 026**	0. 702± 0. 045**	1. 153± 0. 099**
800ppm	0	-	-	-	-	-	-

(HCL 042)

UNIT: %

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE

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

PAGE: 4

up Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN	
Control	5	1. 446± 0. 058	0. 268± 0. 029	4. 252± 0. 211	2. 535± 0. 122	
50ppm	5	1. 455± 0. 079	0. 228± 0. 014	4. 077± 0. 131	2. 409± 0. 099	
100ppm	5	1. 543± 0. 088	0. 232± 0. 022	4.120± 0.117	2. 531 ± 0. 114	
200ppm	5	1. 569± 0. 048	0. 192± 0. 017**	4. 047± 0. 137	2. 648± 0. 031	
400ppm	5	1. 741 ± 0. 093**	0. 165± 0. 037**	4. 036± 0. 374	3. 370± 0. 140**	
800ppm	0	-	_	_	_	

TABLE K1

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS: MALE

ALL ANIMALS

STUDY NO. : 0797 ANIMAL : MOUSE

: MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1 SEX : MALE

T TYPE : A1

PAGE: 1

dings	No. of Animals on Stud Grade	1+	2+ (%)	3+ (%)	4+ (%)	1+ (%)				4+	1+		5 2+	3+	4+	1		5 2+	3+	4+
						(70)	(%)	(%)	·) 	(%)	(%)		(%)	(%)	(%)	(%	<u> </u>	(%)	(%)	(%)
1)																				
lammatory polyp	(0 0) (< 5> 0 0) (0	0 0)	0 (0)	0	5> 0 (0)) (0	0 (0)	(0	0 (0)	1 (20)) (< 5 0 0) (0	0 (0)
inophilic change:respiratory epith	elium (0- 0) (0 0) (0 0) (0 0)	3 (60)	0 (0)	0 (0)) (0 0)	3 (60)	(0 0) (0 0)	0 (0)	(0)) (0 0) (0 (0)	0 (0)
piratory metaplasia:olfactory epit	nelium (0 (0 0) (0 0) (0 0)	0 (0)	0 (0)	0 (0)) {	0 0)	0 (0)	(0 0) (0 0)	0 (0)	0 (0) (0 0) (0 (0)	0 (0)
quamation: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)
amous 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)
ophy:olfactory gland	(0 0) (0 0) (0 0) (0 0}	0 (0)	0 (0)	0 (0)) (0 0)	0 (0)	(0 0) (0 0)	0 (0)	5 (100)) (0 0) (0 (0)	0 (0)
erplasia:transitional 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)			1 20) (0 (0)	0 (0)
lammtory infiltration: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)
	inophilic change:respiratory epithe piratory metaplasia:olfactory epith quamation:olfactory epithelium amous cell metaplasia:respiratory e ophy:olfactory gland erplasia:transitional epithelium	inophilic change:respiratory epithelium (piratory metaplasia:olfactory epithelium (quamation:olfactory epithelium (amous cell metaplasia:respiratory epithelium (ophy:olfactory gland (erplasia:transitional epithelium (lammtory infiltration:respiratory epithelium	inophilic change:respiratory epithelium (0) (piratory metaplasia:olfactory epithelium (0) (quamation:olfactory epithelium (0) (amous cell metaplasia:respiratory epithelium (0) (ophy:olfactory gland (0) (erplasia:transitional epithelium (0) (lammtory infiltration:respiratory epithelium (0) (lammatory polyp	lammatory polyp	lammatory polyp														

: MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0- 3W)

REPORT TYPE : A1 SEX

: MALE

Group Name 400ppm 800ppm No. of Animals on Study 5 Grade 1+ 2+ 3+ 4+ 1+ 2+ 3+ (%) (%) (%) (%) (%) Findings (Respiratory system) < 5> < 5> nasal cavit inflammatory polyp (0)(20)(0)(0) (20) (0) (0) (0) eosinophilic change:respiratory epithelium (0)(0)(0)(0) (0)(0)(0)(0) respiratory metaplasia:olfactory epithelium (100) (0) (0) (0) (0)(0)(0)(0) desquamation:olfactory epithelium (0) (60) (40) (0) (0)(0)(0)(0) squamous cell metaplasia:respiratory epithelium (40) (0) (0) (0) (0)(0)(0)(0) atrophy:olfactory gland (0)(0)(100)(0) (0) (0) (0) (100) hyperplasia:transitional epithelium (80) (0) (0) (0) (0)(0)(0)(0) inflammtory infiltration:respiratory epithelium (100) (0) (0) (0) (60) (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 ь (c) c:b/a * 100

PAGE: 2

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

ALL ANIMALS (0- 3W)

REPORT TYPE : A1 SEX : MALE

PAGE: 3

		roup Name lo. of Animals on Stud	u		Coi 5	ntro	d				5	50pp	om				1 5	iqq00	п				200 5	mqq(
lrgan		irade	1+ (%)	2+ (%)		3+ %)	4+ (%)	1 (%	+ ;)	2+ (%)	-	3+ (%)	4+ (%)		1+ (%)	2+ (%)	• `	3+ %)	4+ (%)		1+ %) 	2+ (%)	•		4- (%)
(Respiratory	system}																								
nasal cavit	inflammatory infiltration:olfactory epi		0 0)	(0)		0 0) (0 (0)		;) (0		0 0)	0 (0)		1 20)	4 (80))) (0 0)	1 (20	1 0) (4	5> 0 (0)		0 0)
	regeneration:transitional epithelium	(0 0)	0 (0)	((0 0) (0 (0)	(() (0 0)	(0 0)	0 (0)	(0 0)	0 (0)	(10	5 0) (0 0)	() 0) (0 (0)	5 (100)	(0
	squamous cell metaplasia:transitional e	pithelium (0 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 0)	0 (0)	(0 0)	0 (0)	(10	5 0) (0 0)	(() 0) (0 (0)	5 (100)	(0
	regeneration:olfactory epithelium	(0 0)	0 (0)	((0 0) (0 (0)	(0) (0 0)	(10	5 (0)	0 (0)	. (0 0)	0 (0)	(10	5 0) (0 0)	(() 3) (0 (0)	5 (100)	(0
	necrosis:transitional epithelium	(0 0)	0 (0)	((0 0) (0 (0)	(0) (0 0)	(0 0)	0 (0)	(0 0)	0 (0)	())) (0 0)	(100	5 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
	necrosis:olfactory epithelium	(0 0)	0 (0)	((0 0) (0 (0)	5 (100) (0 0)	(0 0)	0 (0)	(2	1 ?0)	4 (80)	(())) (0 0)	() 0) (5 (100)	0 (0)		0 0)

c : b / a * 100

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0- $3 \mbox{W})$

REPORT TYPE : A1
SEX : MALE

PAGE: 4

Organ	Findings	Group Name No. of Animals on Study Grade (9	+ 2+) {%)	400p 5 3+ (%)	pm 4+ (%)	1+	2+ (%)	800pı 3+ (%)	om 4+ (%)	
{Respiratory :	system)									
nasal cavit	inflammatory infiltration:olfactory			5> 0 (0)	0 (0)	3 (60)	2 (40)	0	0 (0)	
	regeneration:transitional epithelium	((5) (100)	0 (0)	0 (0)	2 (40)	2 (40)	1 (20)	0 (0)	
	squamous cell metaplasia:transitiona	l epithelium 5	0 (0)	0 (0)	0 (0)	3 (60)	0 (0)	0 (0)	0 (0)	
	regeneration:respiratory epithelium	. (0 (0)	5 (100)	0 (0)	0 (0)	3 (60)	2 (40)	0 (0)	•
	regeneration:olfactory epithelium	(0 (0)	5 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	
	necrosis:transitional epithelium	((3) (60)	2 (40)	0 (0)	0 (0)	1 (20)	4 (80)	0 (0)	
	atrophy:olfactory epithelium	((0 (0)	0 (0)	0 (0)	0 (0)	5 (100)	0 (0)	0 (0)	
	necrosis:olfactory epithelium	(80	1) (20)	0 (0)	0 (0)	0 (0)	5 (100)	0 (0)	0 (0)	
< a > b	I+: Slight 2+: Moderate 3 a: Number of animals examined at the b: Number of animals with lesion c: b/a * 100	t: Marked 4t: Seve site	re							

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

		oup Name	C 5	ontrol		Ę	50p	pm			100p 5	pm	200ppm	m
rgan		of Animals on Study ade 1+ (%)	2+	3+ 4 (%) (%			3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ 2+ 3+ (%) (%) (%)	4+ (%)
Respiratory s	system}													
asal cavit	necrosis:respiratory epithelium	0 (0)	< 5> 0 (0) (0 0		(0)	0	0 (0)	0 (0)	0 (0)	0	0 (0)	5 0 0 (100) (0) (0) (0 0)
	exudate:neutrophil leukocyte,respiratory	region 0 (0)	0 (0) (0 0	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,olfactory r	egion 0 (0)	0 (0) (0 0	0 (0)	0 (0)	0 (0)	0 (0)	4 (80)	0 (0)	0 (0)	0 (0)	1 4 0 (20) (80) (0) (0 0)
	desquamation:transitional 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)
	desquamation: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)
	inflammatory infiltration:transitional e	oithelium 0 (0)	0 (0) (0 0	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 0 0 (20) (0) (0 0)
asopharynx	eosinophilic change	0 (0)	< 5> 0 (0) (0 0		< 5 0 (0)	0	0 (0)	3 (60)	(0 (0)	0	0 (0)	< 5> 0 0 0 (0) (0) (0) (0 0)
	desquamation:epithelium	0 (0)	0 (0) (0 0	0 (0)	0 (0)	0 (0)	0 (0)	1 (20)	0 (0)	0 (0)	0 (0)	0 0 0 (0) (0) (0 0)

PAGE: 5

SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)

REPORT TYPE : A1

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

ALL ANIMALS (0- 3W)

ratory epithelium phil leukocyte, respiratory region phil leukocyte, olfactory region ransitional epithelium	<pre></pre>	(40) (20) (40) (0) 2 3 0 0 (40) (60) (0) (0) 0 4 1 0 (0) (80) (20) (0)		
phil leukocyte, respiratory region phil leukocyte, olfactory region	0 4 1 (0) (80) (20) (2 3 0 (40) (60) (0) (0) 0 0 5 (0) (0) (100) (0)	2 1 2 0 (40) (20) (40) (0) 2 3 0 0 (40) (60) (0) (0) 0 4 1 0 (0) (80) (20) (0)		
phil leukocyte,olfactory region	(40) (60) (0) (0) (0) (0) (0) (0) (0) (100) (0) (100) (0)	0 4 1 0 (0) (80) (20) (0)		
	(0) (0) (100) (((0) (80) (20) (0)		
ransitional epithelium	0 0 0			
·	(0) (0) (0) (0)	0 2 2 0 (0) (40) (40) (0)		
espiratory epithelium	0 0 0 0 (
nfiltration:transitional epithelium	3 2 0 ((60) (40) (0) (4 1 0 0 (80) (20) (0) (0)		
hange				
pithelium	0 0 0 0	. 0 0 0 0 0 (0) (0)		
c e	infiltration:transitional epithelium change epithelium 2+: Moderate 3+: Marked nimals examined at the site nimals with lesion	(60) (40) (0) (0) (55) change	(60) (40) (0) (0) (80) (20) (0) (0) (5>	(60) (40) (0) (0) (80) (20) (0) (0) change

ANIMAL : MOUSE B6D2F1/Crlj [Crj:BDF1]

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

REPORT TYPE : A1 SEX : MALE

PAGE: 7

		Group Name No. of Animals on Study	Control 5	50ppm 5	100ppm 5	200ppm 5
rgan	Findings	Grade 1+	2+ 3+ 4+ (%) (%) (%)	1+ 2+ 3+ 4+ (%) (%) (%) (%)	1+ 2+ 3+ 4+ (%) (%) (%) (%)	1+ 2+ 3+ 4+ (%) (%) (%) (%)
Respiratory s	system}					
asopharynx	inflammatory infiltration	0 (0)	< 5> 0 0 0 (0) (0) (0)	< 5> 0 0 0 0 (0) (0) (0) (0)	< 5> 0 0 0 0 (0) (0) (0) (0)	< 5> 0 0 0 0 (0) (0) (0) (0)
	regenaration:epithelium	0 (0)	0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	0 0 5 0 (0) (100) (0)	0 0 5 0 (0) (0) (100) (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)	4 0 0 0 0 (80) (0) (0)
arynx	degeneration:epithelium.	(0)	< 5> 0 0 0 (0) (0) (0)	<pre></pre>	<pre></pre>	< 5> 1 0 0 0 (20) (0) (0) (0)
	desquamation: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)
	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)
	regenaration: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)
	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)

(c) (HPT150)

b

b : Number of animals with lesion

c:b/a * 100

BA1S5

ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

Organ	Findings	Group Name 400ppm No. of Animals on Study 5 Grade 1+ 2+ 3+ 4+ (%) (%) (%) (%)	800ppm 5 1+ 2+ 3+ 4+ (%) (%) (%) (%)	
(Respiratory	system)			
nasopharynx	inflammatory infiltration	< 5> 2	<pre></pre>	
	regenaration:epithelium	0 0 5 0 (0) (0) (100) (0)	0 0 5 0 (0) (0) (100) (0)	
	necrosis:epithelium	3 2 0 0 (60) (40) (0) (0)	2 3 0 0 (40) (60) (0) (0)	
larynx	degeneration:epithelium	< 5> 0 0 0 0 (0) (0) (0) (0)	<pre></pre>	
	desquamation:epithelium	1 0 0 0 (20) (0) (0) (0)	1 0 1 0 (20) (0) (20) (0)	
	inflammatory infiltration	2 0 0 0 (40) (0) (0) (0)	1 1 3 0 (20) (20) (60) (0)	
	regenaration:epithelium	0 1 4 0 (0) (20) (80) (0)	1 2 2 0 (20) (40) (40) (0)	
	necrosis:epithelium	5 0 0 0 (100) (0) (0) (0)	2 0 2 0 (40) (0) (40) (0)	
Grade <a>> b (c)	1+ : Slight 2+ : Moderate a : Number of animals examined at b : Number of animals with lesion c : b / a * 100	3+ : Marked 4+ : Severe the site		

ANIMAL : MOUSE B6D2F1/Crlj[Crj:8DF1]

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

REPORT TYPE : A1

SEX : MALE

PAGE: 9

		Group Name		Cont	rol			50 5	ppm			1 ¹	mqq00				200 5)ppm
rgan	Findings	No. of Animals on Study Grade 1+ (%)	2+ (%)	5 3+ (%)	4+ (%)	1+ (%)		3+ (%)		1+ (%)	(2+ :		4+ %)	1+ (%)	2 (%)	+ 3-	
Respiratory	system)																	
rachea	desquamation:epithelium	(0)	(0)	5> 0 (0)	0 (0)	0 (0)	(0 (0)	5> 0 (0)	0 (0)	0 (0)	(< 5> 0 (0) {	O (0 0)	0 (0)	0	< 5> 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)
	hyperplasia:epithelium	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	(0 (0) ((O (0 0)	0 (0)	(0)	0 (0)	0 (0)
	regenaration:epithelium	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	(0)	0 (0)	0 (0)	((D (D ()))	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)	(() () ((D ()))	0 (0)	(0)	0 (0)	0 (0)
ing	congestion	0 (0)	(0)		0 (0)	0 (0)	(0)	5> 0 (0)	0 (0)	0 (0)	(< 5> 0 (0) ((O) ()))	0 (0)	0 (0)	< 5> 0 (0)	0 (0)
	edema	0 (0)	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: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)

< a >

b

a : Number of animals examined at the site

b : Number of animals with lesion

(c)

c : b / a * 100

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

Organ		Group Name 400ppm Io. of Animals on Study 5 Grade 1+ 2+ 3+ 4+ (%) (%) (%) (%)	800ppm 5 1+ 2+ 3+ 4+ (%) (%) (%)	
(Respiratory	y system)			
trachea	desquamation:epithelium	< 5> 0 0 0 0 (0) (0) (0) (0)	<pre></pre>	
	inflammatory infiltration	1 0 0 0 (20) (20) (30)	2 0 0 0 0 (40) (0) (0)	
	hyperplasia:epithelium	2 0 0 0 (40) (0) (0) (0)	0 0 0 0 0 (0) (0)	
	regenaration:epithelium	0 0 5 0 (0) (100) (0)	2 3 0 0 (40) (60) (0) (0)	
	necrosis:epithelium	4 1 0 0 (80) (20) (0) (0)	2 3 0 0 (40) (60) (0) (0)	
lung	congestion	< 5> 0 0 0 0 (0) (0) (0) (0)	<pre></pre>	
	edema	0 0 0 0 0 (0) (0)	0 5 0 0 (0) (100) (0) (0)	
	inflammation:bronchus	3 2 0 0 (60) (40) (0) (0)	0 0 0 0 0 (0) (0)	
Grade <a>> b (c)	1+ : Slight 2+ : Moderate 3+ a : Number of animals examined at the si b : Number of animals with lesion c : b / a * 100	Marked 4+ : Severe ce		

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

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 SEX : MALE

		roup Name o. of Animals on Study	Control 5	50ppm 5	100ppm 5	200ppm 5
organ	GiFindings	ade 1+	2+ 3+ 4+ (%) (%) (%)	1+ 2+ 3+ 4+ (%) (%) (%) (%)	1+ 2+ 3+ 4+ (%) (%) (%) (%)	1+ 2+ 3+ 4+ (%) (%) (%) (%)
(Respirator	ry system)					
lung	necrosis:epithelium	0 (0) (< 5> 0 0 0 0) (0) (0)	< 5> 0 0 0 0 (0) (0) (0) (0)	< 5> 0 0 0 0 (0) (0) (0) (0)	<pre></pre>
	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 0 0 (0) (0)	0 0 0 0 0 (0) (0)
	desquamation: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 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0)
	regeneration: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 (0) (0)	0 0 0 0 0 (0) (0)
{Digestive	systeml					
liver	necrosis	(0) (< 5> 0 0 0 0) (0) (0)	< 5> 0 0 0 0 (0) (0) (0) (0)	< 5> 0 0 0 0 (0) (0) (0) (0)	<pre></pre>
(Urinary sy	ystem}					
kidney	hydronephrosis	0 (0) (< 5> 1 0 0 20) (0) (0)	< 5> 0 0 0 0 (0) (0) (0) (0)	< 5> 0 0 0 0 (0) (0) (0) (0)	(5) 0 0 0 0 (0) (0) (0) (0)
Grade (a > b (c)	1+: Slight 2+: Moderate 3+: a: Number of animals examined at the site b: Number of animals with lesion c: b/a * 100	Marked 4+ : Severe				

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

Organ	_ Findings		800ppm 5 4+ 1+ 2+ 3+ 4+ (%) (%) (%) (%)	
(Respirato	ry system)			
lung	necrosis:epithelium	< 5> 0 0 0 0 0 0 0 0 0 0 0 0	<pre></pre>	
	necrosis:epithelium, bronchus	0 3 2 (0) (60) (40) (0 0 1 3 0 0 0 (20) (60) (0)	
	desquamation:epithelium, bronchus	0 0 0 (0) (0) (0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	regeneration:epithelium, bronchus	3 2 0 (60) (40) (0) (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
{Digestive	system)			•
liver	necrosis	< 5> 0 0 0 (0) (0) (0) (<pre></pre>	
(Urinary s	ystem}			
kidney	hydronephrosis	<pre></pre>	<pre></pre>	
Grade <a>> b (c)	1+: Slight 2+: Moderate 3 a: Number of animals examined at the b: Number of animals with lesion c: b/a * 100	+ : Marked 4+ : Severe site		

STUDY NO. : 0797 ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

		Group Name No. of Animals on Stud Grade	y 1+	2+	Contr 5 3+	ol 4+	1+	2+	5	ppm 4+	1+	2+	100p 5 3+	pm 4+	1+	2+	200 5 3+	
Organ	Findings		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary s	ystem}																	
kidney	tubular necrosis:proximal tubule	(0 0)	() (0)	5> 0 (0)	0 (0)	0 (0)	0		0 (0)	0 (0)	(0)	5> 0 (0)	0 (0)	0 0) ((0 (0)	5> 0 (0)	0 (0)
Grade <a>> b (c)	1+: Slight 2+: Moderate 3+ a: Number of animals examined at the s b: Number of animals with lesion c: b/a * 100	: Marked 4+ : Se ite	vere	4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -			,									-		
(HPT150)										- Anna Anna								BA

ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0- 3W)

REPORT TYPE : A1 SEX : MALE

Organ	_ Findings	Group Name No. of Animals on Study Grade 1+ (%)	5 2+ ;	00ppm 3+ 4+ %) (%)	1+ (%)	2+ (%)	800pp 3+ (%)	4+ (%)		
(Urinary sy kidney			< 5>			< 5	ō>			•
Grade	tubular necrosis:proximal tubule 1+ : Slight 2+ : Moderate	0 (0) 3+: Marked 4+: Severe		0 0	(0)	2 (40)	0 (0) (0 (0)		
(a) b (c)	a : Number of animals examined at the b : Number of animals with lesion c : b / a * 100	esite								

(HPT150)

BA1S5

SEX

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

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1] REPORT TYPE : A1

: MALE

		oup Name	Contr	ol		5	50ppm			100 5	ppm		5	200p	pm
gan		o of Animals on Study ade 1+ (%)	5 2+ 3+ (%) (%)	4+ (%)	1+ (%)	2+		4+ 1+ %) (%)	2+ (%)	-	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)
Respiratory	system}														
asal cavit	inflammatory polyp	0 (0)	< 5> 0 0 (0) (0)	0 (0)	0 (0) (0 (0)	0	5> 0 (0)	0 (0)	1 (20) (< 5 0 0) (0	0 (0)
	eosinophilic change:respiratory epitheli	um 0 (0)	0 0	0 (0)	3 (60) (0 () ()) ((0 3 0) (60)	0 (0)	0 (0)	0 (0)	0 (0) (0 0) (0 (0)	0 (0)
	respiratory metaplasia:olfactory epithel		0 0	0 (0)	0 (0) (0 () ()) ((0 0 (0)	0 (0)	0 (0)	0 (0)	0 (0) (0 (0)	0 (0)	0 (0)
	desquamation: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)
	squamous cell metaplasia:respiratory epi	thelium 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 gland	0 (0)	0 0	0 (0)	0 (0) (0 () ()) ((0 0	0 (0)	0 (0)	0 (0)	5 (100) (0 0) (0 (0)	0 (0)
	hyperplasia:transitional epithelium	0 (0)	0 0	0 (0)	0 (0) (0 () ()) ((0 0	0 (0)	0 (0)	0 (0)	2 (40) (1 20) (0	0 (0)
	inflammtory infiltration:respiratory epi		0 0 (0)	0 (0)	0 (0) () (0 (0)	0 (0)	0 (0)	0 (0) (0 0) (0 (0)	0 (0)

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

STUDY NO. : 0797
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

SEX : MALE

Organ	Group Name No. of Animals Grade	400ppm 5 on Study 5 1+ 2+ 3+ 4+ (%) (%) (%)	800ppm 5 1+ 2+ 3+ 4+ (%) (%) (%)	
{Respiratory	system)			
nasal cavit	inflammatory polyp	<pre></pre>	< 5> 1	
	eosinophilic change:respiratory epithelium	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	
	respiratory metaplasia:olfactory epithelium	5 0 0 0 (100) (0) (0) (0)	0 0 0 0 0 (0) (0) (0)	
	desquamation:olfactory epithelium	0 0 0 0 0 (0) (0) (0)	0 3 2 0 (0) (60) (40) (0)	
	squamous cell metaplasia:respiratory epithelium	2 0 0 0 (40) (0) (0) (0)	0 0 0 0 (0) (0)	
	atrophy:olfactory gland	0 0 5 0 (0) (100) (0)	0 0 0 5 (0) (0) (0) (100)	
	hyperplasia:transitional epithelium	4 0 0 0 (80) (0) (0) (0)	0 0 0 0 0 (0) (0)	
	inflammtory infiltration:respiratory epithelium	5 0 0 0 (100) (0) (0) (0)	3 0 0 0 0 (60) (0) (0)	
Grade < a > b (c)	1+: Slight 2+: Moderate 3+: Marked a: Number of animals examined at the site b: Number of animals with lesion c: b/a * 100	4+ : Severe		

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

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

SEX : MALE

PAGE: 3

		roup Name Io. of Animals on Study	,	9	Cont	rol			5	50p	mq			1: 5	1990	1			2 5	mqq00	n
an		irade	1+	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2 (%	+	3+ (%)	4+ (%)	(%)		2+	3+ %)	4+ (%)	1- (%)		!+	3+ %)	4 (%
espiratory	system)																				
ısal cavit	inflammatory infiltration:olfactory epi		0 0) (< 5 0 0)	0	0 (0)	4 (80)	0		0	0 (0)			< 5> 4 80) () ()	0 0)	1 (20)	4	< 5>) (0 0) (0
	regeneration:transitional epithelium		0 0) (0 0)	0 (0)	0 (0)	0 (0)	(0) (0 0)	0 (0)	0 (0)	(0 0) (10	5 0) (0 0)	0 (0)	(() (10	5 0) (0
	squamous cell metaplasia:transitional e	pithelium (0 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) (0 0)	0 (0)	0 (0)	(0 : 0) (10	5)) (0 0)	0 (0)	(()) (10	5 0) (0
	regeneration:olfactory epithelium		0 0) (0	0 (0)	0 (0)	0 (0)	(0) (10	5 10)	0 (0)	0 (0)	. (0 (10	ō)) (0 0)	0 (0)) (10	5 0) (0
	necrosis:transitional epithelium	(0 0) (0 0)	0 (0)	0 (0)	(0)	0 }) (·	0 0)	0 (0)	0 (0)	(0 ())) (0 0)	5 (100)	(() (·))) (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
	necrosis:olfactory epithelium	(0 0) (0	0	0 (0)	5 (100)	0 (0) (0 0)	0 (0)	1 (20)	. (8	4 ())) (0	0 (0)	5 (100	; i) (:	D O) (0

(c)

b : Number of animals with lesion

c : b / a * 100

(HPT150)

BA1S5

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

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

SEX

: MALE

Organ	Group Name No. of Anima Grade Findings	400ppm 1s on Study 5 1+ 2+ 3+ 4+ (%) (%) (%) (%)	800ppm 5 1+ 2+ 3+ 4+ (%) (%) (%)	
{Respiratory	system!			
nasal cavit	inflammatory infiltration:olfactory epithelium	< 5> 3 2 0 0 (60) (40) (0) (0)	< 5> 3 2 0 0 (60) (40) (0) (0)	
	regeneration:transitional epithelium	0 5 0 0 (0) (100) (0) (0)	2 2 1 0 (40) (40) (20) (0)	
	squamous cell metaplasia:transitional epithelium	5 0 0 0 (100) (0) (0) (0)	3 0 0 0 0 (60) (60) (60)	
	regeneration:respiratory epithelium	0 0 5 0 (0) (100) (0)	0 3 2 0 (0) (60) (40) (0)	
	regeneration:olfactory epithelium	0 0 5 0 (0) (100) (0)	0 0 0 0 0 (0) (0)	
	necrosis:transitional epithelium	0 3 2 0 (0) (60) (40) (0)	0 1 4 0 (0) (20) (80) (0)	
	atrophy:olfactory epithelium	0 0 0 0 0 (0) (0)	0 5 0 0 (0) (100) (0) (0)	
	necrosis:olfactory epithelium	4 1 0 0 (80) (20) (0) (0)	0 5 0 0 (0) (100) (0) (0)	
Grade < a > b (c)	1+: Slight 2+: Moderate 3+: Marked a: Number of animals examined at the site b: Number of animals with lesion c: b / a * 100	4+ : Severe		

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1
SEX : MALE

		oup Name		Contro	i		5	50ppm				Oppm		20 5	mqq00	
rgan	Findings	of Animals on Study ide 1+ (%)	2+ (%)	3+ (%)	4+ (%)		2+		4+ 1+ (%) (%)		5 2+ 3 (%) (%	+ 4+) (%)		•	•	4+ (%)
Respiratory :	system)															
asal cavit	necrosis:respiratory epithelium	0 (0)	< 5 0 (0) (0	0 0)	0 (0) (< 5> 0 0) (0 0) (0 0	(< 5> 0 0 0) (0	0 (0)	5 (100) (< 5> 0 (0) (0 0)
	exudate:neutrophil leukocyte, respiratory	region 0 (0)	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,olfactory re	egion 0 (0)	0 (0) (0 (0) (0 0)	0 (0) (0 (0 0) (0 4 0) (80)	(0 0 0) (0	0 (0)	1 (20) (4))) (0 0)
	desquamation:transitional 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)
	desquamation: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)
	inflammatory infiltration:transitional ep	ithelium 0 (0)	0 (0) (0 (0) (0 0)	0 (0) (0 0) (0 0) (0 0	(0 0 0) (0	0 (0)	1 (20) (0 ())) (0 0)
asopharynx	eosinophilic change	0 (0)	< 5 0 (0) (0		3 (60) (< 5> 0 0) (0 0) (0 3 0) (60)		< 5> 0 0 0) (0	0 (0)	0 (0) (< 5> 0 (0) (0 0)
	desquamation:epithelium	0 (0)	0 (0) (0 (0) (0 0)	0 (0) (0 (0 0) (0 1 (20)	(0 0 0) (0	0 (0)	0 (0) (0 ())) (0 0)

c : b / a * 100

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

: MALE

Organ	Group Name No. of Ani Grade Findings	400ppm mals on Study 5 1+ 2+ 3+ 4+ (%) (%) (%) (%) (%)	800ppm 5 1+ 2+ 3+ 4+ (%) (%) (%) (%)	
{Respiratory	systemi			
nasal cavit	necrosis:respiratory epithelium	<pre></pre>	< 5> 2 1 2 0 (40) (20) (40) (0)	
	exudate:neutrophil leukocyte, respiratory region	2 3 0 0 (40) (60) (0) (0)	2 3 0 0 (40) (60) (0) (0)	
	exudate:neutrophil leukocyte,olfactory region	0 0 5 0 (0) (100) (0)	0 4 1 0 (0) (80) (20) (0)	
	desquamation:transitional epithelium	0 0 0 0 (0) (0)	0 2 2 0 (0) (40) (40) (0)	
	desquamation:respiratory epithelium	0 0 0 0 (0) (0)	2 1 0 0 (40) (20) (0) (0)	
	inflammatory infiltration:transitional epitheliu	7 3 2 0 0 (60) (40) (0) (0)	4 1 0 0 (80) (20) (0) (0)	
nasopharynx	eosinophilic change	< 5> 0 0 0 0 (0) (0) (0) (0)	< 5> 0 0 0 0 0 0 0 0 0 0 0	
	desquamation:epithelium	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	
Grade < a > b (c)	1+: Slight 2+: Moderate 3+: Marked a: Number of animals examined at the site b: Number of animals with lesion c: b/a * 100	4+ : Severe		·

ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1]

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

REPORT TYPE : A1 SEX : MALE

PAGE: 7

		Group Name No. of Animals on Study		5	Contr	ol				5	50p	mq				5	100pp	m				5	200pı	pm	
rgan	Findings	Grade 1. (%)		2+ (%)	3+ (%)	4+ (%)		1+ (%)	2 (%	+	3+ (%)	4+ (%)	· · · ·	1+ (%)	2 (%	+	3+ (%)	4+ (%)		1+ (%)	2- (%)	+	3+ (%)	4 (%	4+ %)
Respiratory	system)																								
asopharynx	inflammatory infiltration	0 (0)		< 5 0 0) (0 0)	0 (0)	. (0 0)	0 (0	< 5>) (0 0)	0 (0)	(0 0)	0 (0	< 5>) (0 0)	0		0 0)			0	0	
	regenaration:epithelium	0 (0)) (0 0) (0 0)	0 (0)	(0 0)	(0) (0 0)	0 (0)	(0 0)	0 (0) (1	5 00)	0 (0)	(0 0)	(0)) {1	5 00)	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)	(4 80)	(0)) (0 0)	0 }	ე 0)
arynx	degeneration:epithelium	0 (0)) (< 5. 0 0) (0	0 (0)	(0 0)	0	< 5>	0	0 (0)	(0 0)	(0	< 5>	0 0)	0 (0)		1 20)	0 (0)		0	(0)	
	desquamation: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)	i (0 0)	0)) 0)
	inflammatory infiltration	0 (0)) (0 0) (0 0)	0 (0)	(0 0)	0 (0) (0 0)	0 (0)	ſ	0 0)	0	(0	0 (0)	(0 0)	(0)	l - (0 0)	0 (0) 3)
	regenaration: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) J)
	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)) D)

< a >

a : Number of animals examined at the site
b : Number of animals with lesion

b

(c)

c : b / a * 100

(HPT150)

BA1S5

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

SEX : MALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

Organ	Findings	Group Name 400ppm No. of Animals on Study 5 Grade 1+ 2+ 3+ 4+ (%) (%) (%) (%)	800ppm 5 1+ 2+ 3+ 4+ (%) (%) (%)	
(Respiratory	system)			
nasopharynx	inflammatory infiltration	< 5> 2 0 0 0 0 (40) (0) (0) (0)	< 5> 3 0 0 0 (60) (0) (0) (0)	
	regenaration:epithelium	0 0 5 0 (0) (0) (100) (0)	0 0 5 0 (0) (100) (0)	
	necrosis:epithelium	3 2 0 0 (60) (40) (0) (0)	2 3 0 0 (40) (60) (0) (0)	
larynx	degeneration:epithelium	<pre></pre>	<pre></pre>	
	desquamation:epithelium	1 0 0 0 (20) (0) (0) (0)	1 0 1 0 (20) (20) (0)	
	inflammatory infiltration	2 0 0 0 (40) (0) (0) (0)	1 1 3 0 (20) (20) (60) (0)	
	regenaration:epithelium	0 1 4 0 (0) (20) (80) (0)	1 2 2 0 (20) (40) (40) (0)	
	necrosis:epithelium	5 0 0 0 (100) { 0} (0) (0)	2 0 2 0 (40) (0) (40) (0)	

(HPT150)

BA1S5

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

		Group Name		Contro	ol				ppm				mqq			20 5	mqq0C	Į.
Organ	Findings	No. of Animals on Study Grade 1- (%)	+ 2+	5 3+ (%)	4+ (%)	1+	2+ (%)	5 3+ (%)	4+ (%)	1+ (%)	2+ (%)	5 3+ (%)		1+	2± (%)	F 3	3+ 6)	4+ (%)
(Respiratory	/ system)																	
rachea	desquamation:epithelium	0 (0)		5> 0 (0)	0 (0)	0 (0)	0	5> 0 (0)	0 (0)	0 (0)	0	5> 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)
	hyperplasia: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)
	regenaration: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)
	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)
ung	congestion	0 (0)		5> 0 (0)	0 (0)	0 (0)	0	5> 0 (0)	0 (0)	0 (0)	0	5> 0 (0)	0 (0)	0 (0)	0			0 0)
	едета	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	(0	i) (0 0)
	inflammation: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)

ANIMAL : MOUSE B6D2F1/Crlj [Crj:BDF1] HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

REPORT TYPE : A1

: MALE

ALL ANIMALS (0- 3W)

PAGE: 10 SEX Group Name 400ppm 800ppm No. of Animals on Study Grade 1+ 2+ 3+ 4+ 1+ 2+ 3+ 4+ Findings_ (%) (%) (%) (%) Organ_ {Respiratory system} trachea < 5> **〈 5**〉 desquamation:epithelium 1 3 (0)(0)(0)(0) (0) (20) (60) (0) inflammatory infiltration (20) (0) (0) (0) (40) (0) (0) (0) hyperplasia:epithelium (40) (0) (0) (0) (0)(0)(0)(0) regenaration:epithelium 5 2 (0)(0)(100)(0) (40) (60) (0) (0) necrosis:epithelium 2 3 (80) (20) (0) (0) (40) (60) (0) (0) < 5> lung < 5> 0 0 0 0 5 congestion (0)(0)(0)(0) (0) (0) (100) (0) edema 0 (0)(0)(0)(0) (0) (100) (0) (0) inflammation:bronchus (60) (40) (0) (0) (0)(0)(0)(0) Grade 1+ : Slight 2+ : Moderate 3+ : Marked 4+ : Severe a : Number of animals examined at the site < a > b b: Number of animals with lesion c : b / a * 100 (c)

: MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

REPORT TYPE : A1

: MALE

ALL ANIMALS (0- 3W)

PAGE: 11 SEX Group Name 100ppm 200ppm Control 50ppm No. of Animals on Study 5 5 Grade 1+ 2+ 3+ 4+ 1+ 2+ 3+ 1+ 2+ 3+ 1+ 2+ 3+ (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) Findings Organ {Respiratory system} < 5> < 5> < 5> lung necrosis:epithelium, bronchus 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) desquamation:epithelium bronchus (0) (0) (0) (0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) regeneration:epithelium, bronchus (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (Digestive system) < 5> liver < 5> necrosis 0 0 0 0 0 0 0 0 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) {Urinary system} < 5> kidney hydronephrosis 0 1 0 0 0 0 0 0 (0)(0)(0)(0) (0)(20)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) 1+ : Slight Grade 2+ : Moderate 3+ : Marked 4+ : Severe < a > a : Number of animals examined at the site b : Number of animals with lesion b (c) c : b / a * 100

(HPT150)

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0- 3W)

ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1]
REPORT TYPE : A1

SEX : MALE

Organ	_ Findings		400ppm 5 2+ 3+ 4+ %) (%) (%)	800ppm 5 1+ 2+ 3+ 4+ (%) (%) (%)		
{Respirator	ry system)					
lung	necrosis:epithelium, bronchus	(0) (6	< 5> 3 2 0 0) (40) (0)	< 5> 0 1 4 0 (0) (20) (80) (0)		
	desquamation:epithelium, bronchus	(0) (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 (40) (0) (0)		
	regeneration:epithelium.bronchus	3 (60) (4	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 (0) (0)		
{Digestive	system)					
liver	necrosis	(0) (< 5> 0 0 0 0) (0) (0)	< 5> 0 1 0 0 (0) (20) (0) (0)		
(Urinary sy	ystem)					
kidney	hydronephros i s	0 (0) (< 5> 0 0 0 0) (0) (0)	< 5> 0 0 0 0 (0) (0) (0) (0)		
Grade (a > b (c)	1+: Slight 2+: Moderate 3 a: Number of animals examined at the b: Number of animals with lesion c: b/a * 100	+ : Marked 4+ : Severe site				
(HPT150)					***************************************	В

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1
SEX : MALE

		Group Name No. of Animals on	Study		Contr 5	ol			50; 5	mqc			100	mq			200 5	mqq
Organ	Findings	Grade	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)			
{Urinary sy	ystem)																	
kidney	tubular necrosis:proximal tubule		0 (0)	0	5> 0 (0)	0 (0)	0 (0)	0 (0)	5> 0 (0)	0 (0)	0 (0)	(0)	5> 0 (0)	0 (0)	0 (0)	0	(5) 0 (0)	0 (0)
Grade (a > b (c)	1+: Slight 2+: Moderate 3+ a: Number of animals examined at the si b: Number of animals with lesion c: b/a * 100		: Severe															
(HPT150)																		ВА

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

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

SEX : MALE

Organ_		Name f Animals on Study 1+ (%)	5 2+ (%)	400pı ; 3+ (%)	pm 4+ (%)	1+ (%)	2+ (%)	800pı 5 3+ (%)	pm 4+ (%)	
{Urinary s	system)									
kidney	tubular necrosis:proximal tubule	0 (0)	< 5 0 (0)	0	0 (0)	0 (0)		5> 0 (0)	0 (0)	•
Grade < a > b (c)	1+ : Slight 2+ : Moderate 3+ : Mar a : Number of animals examined at the site b : Number of animals with lesion c : b / a * 100	ked 4+ : Severe								
(HPT150)										

TABLE K2

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : MALE

DEAD AND MORIBUND ANIMALS

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

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

SEX : MALE

		oup Name . of Animals on Study	C	Contro	I		0	50p	om			100p	om			0 2	200ppm	n
rgan		ade 1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1· (%)		2+	3+ (%)	4+ (%)
Respiratory :	system)																	
asal cavit	inflammatory polyp	- (-)	< 0 - (-)	_	_ 	- (-)	< 0 - (-) (_	_ (_)	_ (_)	-	0> - (-)	_ (_)	- (-)	-	< 0> - -) (- -) (- -)
	desquamation:olfactory epithelium	- (-)	- (-) (_ (_) (_)	 ()	_ (-) (_ _)	_ (_)	- (-)	_ (_)	_ (_)	_ (_)	- ()	(-	- ·) (- -) (- -)
	atrophy:olfactory gland	- (-)	- (-) (_ (_) (_)	_ (_)	- (-) ()	- (-)	- (-)	_ (-)	_ (-)	- (-)	- (-)	(-	-) {	- -) (- -)
	inflammtory infiltration:respiratory epi		_ (<u>-</u>) (_ (_) (- -)	- ()	- (-) (- -)	_ (-)	- ()	- (-)	- (-)	_ (_)	(-)	(-	·) (- -) (- -)
	inflammatory infiltration:olfactory epit		- (-) (_ (_) (- -)	(-)	_ (-) (- -)	- (-)	- (-)	_ (_)	- (-)	_ (_)	- (-)	- (·) (- -) (- -)
	regeneration:transitional epithelium	- (-)	- (-) (- (-) (-)	- (-)	_ (_ -)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	(-	·) (- -) (- -)
	squamous cell metaplasia:transitional ep	ithelium - (-)	_ (-) (_ (_) (- -)	- (-)	- : -) (- -)	- (-)	- (-)	- (-)	- (-)	_ (_)	- (-)	(-	-} (- -) (- -)
	regeneration:respiratory epithelium	_ (-)	_ (-) (_ [-) (- -)	- (-) (_ : -) (- -)	- (-)	_ (-)	_ (-)	- (-)	- (-)	- (-)	- (- -) (- -)

ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1]

REPORT TYPE : A1

SEX : MALE

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

Organ	No	oup Name . of Animals on Study ade 1+ (%)	2+ 3+ (%) (%)	opm 4+ (%)	1+ 2+ (%) (%)		om 4+ (%)	
(Respiratory	system)							
nasal cavit	inflammatory polyp	- (-)	< 0> 	_ (-) ((5> 0 (0)	0 (0)	
	desquamation:olfactory epithelium	_ (-)		- (-) (0 3 0) (60)	2 (40)	0 (0)	
	atrophy:olfactory gland	- (-)		- (-) (0 0 0) (0)	0 (0)	5 (100)	·
	inflammtory infiltration:respiratory epi	thelium - (-)		- ()	3 0 60) (0)	0 (0)	0 (0)	
	inflammatory infiltration:olfactory epit	helium – ()		- (3 2 60) (40)	0 (0)	0 (0)	
	regeneration:transitional epithelium	_ (-)	(-) (-)	_ (-) (2 2 40) (40)	1 (20)	0 (0)	
	squamous cell metaplasia:transitional ep	ithelium - (-)	 (-) (-)	- (-) (3 0 60) (0)	0 (0)	0 (0)	
	regeneration:respiratory epithelium	- (-)	 (-) (-)	_ (-) (0 3 0) (60)	2 (40)	0 (0)	
rade a > b c)	1+: Slight 2+: Moderate 3+: a: Number of animals examined at the site b: Number of animals with lesion c: b/a * 100	Marked 4+ : Severe						

· PAGE: 2

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 SEX : MALE HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY) DEAD AND MORIBUND ANIMALS (0- 3W)

Organ	N	roup Name o. of Animals on Study rade 1+ (%)	Control 0 2+ 3+ (%) (%) (50ppm 0 4+ 1+ 2+ 3+ 4+ 6) (%) (%) (%) (%)	100ppm 0 1+ 2+ 3+ 4+ (%) (%) (%)	200ppm 0 1+ 2+ 3+ 4+ (%) (%) (%) (%)
(Respiratory	system					
nasal cavit	necrosis:transitional epithelium	- (-)	< 0> (-) (-	< 0> -) (-) (-) (-) (-)	< 0> (-) (-) (-) (-)	<pre></pre>
	atrophy:olfactory epithelium	(-)	(_) () ((-) (-) (-) (-)	(-) (-) (-) (-)
	necrosis:olfactory epithelium	_ (_)			(-) (-) (-)	(-) (-) (-) (-)
	necrosis:respiratory epithelium	(-)		. (-) (-) (-) (-)	(-) (-) (-)	(-) (-) (-) (-)
	exudate:neutrophil leukocyte,respirator	y region - (-)			(-) (-) (-)	(-) (-) (-)
	exudate:neutrophil leukocyte, olfactory	region - (-)			(-) (-) (-)	(-) (-) (-) (-)
	desquamation:transitional epithelium	_ (-)			(-) (-) (-)	(-) (-) (-)
	desquamation:respiratory epithelium	_ (-)			(-) (-) (-)	(-) (-) (-)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

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

SEX : MALE

Organ	No	oup Name b. of Animals on Study rade 1+ (%)	400pp 0 2+ 3+ (%) (%)		5 + 2+ 3-		·	
{Respiratory	system)							
nasal cavit	necrosis:transitional epithelium	- (-)	< 0> (-) (-) (< 5>) 1 4)) (20) (80)			
	atrophy:olfactory epithelium	- (-)	 (-) (-) (- (-) (() 5 0) (100) (0)	0 (0)		
	necrosis:olfactory epithelium	_ (-)		- (-) ((5 0) (100) (0)	0 (0)		
	necrosis:respiratory epithelium	_ (-)	 (-) (-) (- 2 -) (40	1 2			
	exudate:neutrophil leukocyte,respiratory	region - (-)	 (-) (-) (- 2 -) (40	3 0			
	exudate:neutrophil leukocyte,olfactory r	egion - (-)	(_) (- 0 -) (0	4 1) (80) (20)	0 (0)		
	desquamation:transitional epithelium		 (-) (-) (- 0 -) (0	2 2			
	desquamation:respiratory epithelium	- (-)	 (-) (-) (- 2 -) (40	1 0			
Grade <a>> b (c)	1+ : Slight 2+ : Moderate 3+ : a : Number of animals examined at the site b : Number of animals with lesion c : b / a * 100	Marked 4+ : Severe						

: MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1 : MALE SEX

PAGE: 5 200ppm Group Name Control 50ppm 100ppm

Organ	No. of Animals o Grade Findings	n Study 0 1+ 2+ 3+ 4+ (%) (%) (%) (%)	0 1+ 2+ 3+ 4+ (%) (%) (%) (%)	0 1+ 2+ 3+ 4+ (%) (%) (%) (%)	0 1+ 2+ 3+ 4+ (%) (%) (%) (%)
(Respiratory	system}				
nasal cavit	inflammatory infiltration:transitional epithelium	< 0>	< 0>	< 0>	< 0>
	THI TANIMATORY THEFT THE TALLON. LIGHTS I COMMERCE EXPERIENT UNIT	(-) (-) (-) (-)	(-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-) (-)
nasopharynx	inflammatory infiltration	< 0>	< 0>	< 0>	< 0>
	THITAUMHALOTY THITTLIALION	(-) (-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-)	(-) (-) (-)
	regenaration:epithelium			 (-) (-) (-) (-)	 (-) (-) (-)
		(, (, (, (, (, (, (, (, (, (,			
	necrosis:epithelium	(-) (-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-) (-)
larynx		< 0>	< 0>	< 0>	< 0>
	desquamation:epithelium	(-) (-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-)	(-) (-) (-)
	inflammatory infiltration				
		(-) (-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-) (-)
	regenaration:epithelium	(-) (-) (-)			

Grade

1+ : Slight

2+ : Moderate

3+ : Marked

< a >

a : Number of animals examined at the site

b

(c)

b : Number of animals with lesion c:b/a * 100

(HPT150)

4+ : Severe

ANIMAL : MOUSE B6D2F1/Crlj [Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

	N G	roup Name o. of Animals on Study rade 1+	400ppm 0 2+ 3+ 4+	800ppm 5 1+ 2+ 3+ 4+	
rgan	Findings	(%)	(%) (%) (%)	(%) (%) (%)	
(Respiratory	system)				
asal cavit	inflammatory infiltration:transitional		< 0> (-) (-) (-)	<pre></pre>	
asopharynx	inflammatory infiltration	- (-)	< 0> (-) (-) (-)	< 5> 3 0 0 0 (60) (0) (0) (0)	
	regenaration:epithelium	- (-)	 (_) (_) (_).	0 0 5 0 (0) (0) (100) (0)	
	necrosis:epithelium	- ()	 (-) (-) (-)	2 3 0 0 (40) (60) (0) (0)	
arynx	desquamation:epithelium	_ (-)	< 0> (-) (-) (-)	<pre></pre>	
	inflammatory infiltration	. (-)		1 1 3 0 (20) (20) (60) (0)	
	regenaration:epithelium	_ (-)	 (-) (-) (-)	1 2 2 0 (20) (40) (40) (0)	
Grade <a>> b (c)	1+: Slight 2+: Moderate 3+: a: Number of animals examined at the site b: Number of animals with lesion c: b/a * 100	Marked 4+ : Severe e			· ·

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

Organ	Findings	Group Name No. of Animals on Study Grade 1+ 2 (%) (%	Control 0 + 3+ 4+) (%) (%)	50ppm 0 1+ 2+ 3+ 4+ (%) (%) (%) (%)	100ppm 0 1+ 2+ 3+ 4+ (%) (%) (%)	200ppm 0 1+ 2+ 3+ 4+ (%) (%) · (%) (%)
{Respiratory	system					
larynx	necrosis:epithelium		< 0>) (-) (-)	< 0> (-) (-) (-) (-)	< 0> (-) (-) (-) (-)	< 0> (-) (-) (-) (-)
rachea	desquamation:epithelium		< 0>) (-) (-)	< 0> (-) (-) (-)	< 0> (-) (-) (-) (-)	< 0> (-) (-) (-) (-)
	inflammatory infiltration	 (-) (-			(-) (-) (-)	
	regenaration:epithelium	 (-) (-) (_) (_)	(-) (-) (-)	(-) (-) (-)	
	necrosis:epithelium	(-) (-		(-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-) (-)
ung	congestion		< 0>) (-) (-)	< 0> (-) (-) (-) (-)	< 0> (-) (-) (-) (-)	< 0>; (-) (-) (-) (-)
	edema	 (-) (-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-)	(-) (-) (-)

ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

Organ	N	roup Name 400ppm o. of Animals on Study 0 rade 1+ 2+ 3+ 4+ (%) (%) (%) (%)	800ppm 5 1+ 2+ 3+ 4+ (%) (%) (%)	
(Respiratory	system)			
larynx	necrosis:epithelium	< 0> (-) (-) (-) (-)	< 5> 2 0 2 0 (40) (0) (40) (0)	
trachea	desquamation:epithelium	< 0> (-) (-) (-) (-)	<pre></pre>	
	inflammatory infiltration	(-) (-) (-)	2 0 0 0 (40) (0) (0)	
	regenaration:epithelium	(-) (-)	2 3 0 0 (40) (60) (0) (0)	
	necrosis:epithelium	(-) (-) (-)	2 3 0 0 (40) (60) (0) (0)	
lung	congestion	< 0> (-) (-) (-) (-)	< 5> 0 0 5 0 (0) (0) (100) (0)	
	edema	(-) (-) (-)	0 5 0 0 (0) (100) (0) (0)	
Grade < a > b (c)	1+: Slight 2+: Moderate 3+: a: Number of animals examined at the sit b: Number of animals with lesion c: b/a * 100	Marked 4+ : Severe e		

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

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

SEX : MALE

Findings	o. of Animals on Study rade 1+ (%)	0 2+ 3+ 4+ (%) (%) (%)	0 1+ 2+ 3+ 4+ (%) (%) (%) (%)	0 1+ 2+ 3+ 4+	0 1+ 2+ 3+ 4+
			(%) (%) (%) (%)	(%) (%) (%) (%)	(%) (%) (%) (%)
y system)					
necrosis:epithelium, bronchus	(-) (< 0> -) (-) (-)	<pre></pre>	<pre></pre>	(-) (-) (-) (-)
desquamation:epithelium, bronchus	(-) ((-) (-) (-)	(-) (-) (-)	(-) (-) (-)
system)					
necrosis	- () (< 0> -) (-) (-)	< 0> (-) (-) (-) (-)	< 0> (-) (-) (-) (-)	(-) (-) (-) (-)
tem)					
tubular necrosis:proximal tubule	(-) (< 0> -) (-) (-)	< 0> (-) (-) (-) (-)	< 0> (-) (-) (-) (-)	< 0> (-) (-) (-) (-)
•	necrosis:epithelium, bronchus desquamation:epithelium, bronchus system) necrosis tubular necrosis:proximal tubule 1+ : Slight	necrosis:epithelium, bronchus - (-) (desquamation:epithelium, bronchus - (-) (system) necrosis - (-) (stem) tubular necrosis:proximal tubule - (-) (1+: Slight 2+: Moderate 3+: Marked 4+: Severe a: Number of animals examined at the site b: Number of animals with lesion	Cob	necrosis:epithelium, bronchus	Cobacted Cobacted

(HPT150)

BA1S5

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

Organ	. N G	roup Name 400ppm o. of Animals on Study 0 rade 1+ 2+ 3+ 4+	800ppm 5 1+ 2+ 3+ 4+ (%) (%) (%)	•
{Respirator	y system)			
lung	necrosis:epithelium, bronchus	< 0> (-) (-) (-) (-)	< 5> 0 1 4 0 (0) (20) (80) (0)	
	desquamation:epithelium,bronchus	(-) (-) (-)	2 0 0 0 (40) (0) (0) (0)	
{Digestive	system)			
liver	necrosis	< 0> (-) (-) (-) (-)	< 5> 0 1 0 0 (0) (20) (0) (0)	
(Urinary sy	stem)			
kidney	tubular necrosis:proximal tubule	<pre></pre>	< 5> 0 2 0 0 (0) (40) (0) (0)	
Grade 〈a〉 b (c)	1+: Slight 2+: Moderate 3+: a: Number of animals examined at the sit b: Number of animals with lesion c: b/a * 100	Marked 4+ : Severe e		
(HPT150)				

TABLE K3

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : MALE

SACRIFICED ANIMALS

ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1]

b : Number of animals with lesion

c:b/a * 100

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

REPORT TYPE : A1 SEX : MALE

		Group Name No. of Animals on Study		Cor 5	ntro	rol		50ppm 5			10 5			100	mqc		200ppm 5				
rgan	Findings	Grade 1:	_	. ;	3+ %)	4+ (%)	1+ (%)		2+ (%)	3+ (%)	4+ (%)		1+ %)	2+ (%)	3+ (%)	4+ (%)	1 (%	1+ %)	2+ (%)	3+ (%)	
Respiratory s	ysteml																				
asal cavit	inflammatory polyp	0 (0)			0 0) (0 0)	0 (0)	(< 5 0 0) (0	0 (0)))) (0 0 0)	0	0 (0)	1 (20		< 5 0 0)	0	(
	eosinophilic change:respiratory epith	elium 0 (0)	0 (0)	((0 0) (0 0)	3 (60)	(0 0) (0 (0)	0 (0)	; (6)	3 0) (0 0)	0 (0)	0 (0)	(0))) (0 0)	0 (0)	(
	respiratory metaplasia:olfactory epit		0) (0)		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)	(
	atrophy:olfactory gland	0 (0)	0 (0)	((0 0) (0 0)	0 (0)	(0 0) (0 0)	0 (0)	(() (0 0)	0 (0)	0 (0)	5 (100	;)) (0 0)	(0)	(
	hyperplasia:transitional epithelium	0 (0)	0 (0)		0 0) (0 0)	0 (0)	(0 0) (0 0)	0 (0)	(())) (0 0)	0 (0)	0 (0)		2 0) (1 20)	0 (0)	(
	inflammtory infiltration: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)	(
	inflammatory infiltration:olfactory e		0 (0)			0 0)	4 (80)	(0 0) (0 0)	0 (0)	(20		4 80)	0 (0)	0 (0)	1 (20)) (4 80)	0 (0)	(

b

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1
SEX : MALE

Organ	Findings	Group Name No. of Animals on Study Grade 1+ (%)	5 2+	400ppn 3+ (%)	n 4+ (%)	1+ (%)	2+ (%)	800pp) 3+ (%)	om 4+ (%)	
Respiratory	systeml									
nasal cavit	inflammatory polyp	0 (0)	< 5> 1 (20) (0	0 0)	- (-) (< (- : -)	-	_ (-)	
	eosinophilic change:respiratory epit	helium 0 (0)	0 (0) (0 0) (0 0)	_ (_) (_)	_ (_) (_ (_)	
	respiratory metaplasia:olfactory epi	thelium 5 (100)	0 (0) (0 0) (0 0)	- (-) (_ (-) (_ (_)	
	squamous cell metaplasia respiratory		0 (0) (0 0) (0 0)	- (-) (- -)	- (-) (- (-)	
	atrophy:olfactory gland	(0)	0 (10	5 00) (0	_ (<u>-</u>) (-)	- () (- (-)	
	hyperplasia:transitional epithelium	4 (80)	0 (0) (0 0) (0 0)	- (-) ()	_ (_) (_ (_)	
	inflammtory infiltration:respiratory	epithelium 5 (100)	0 (0) (0 0) (0 0)	- (-) () (- (-) (_ (_)	
	inflammatory infiltration:olfactory	epithelium 3 (60)	2 (40) (0 0) (0 0)	- (-) (- -) (_ (-) (_ (→)	
Grade < a > b (c)	1+: Slight 2+: Moderate 3 a: Number of animals examined at the b: Number of animals with lesion c: b/a * 100	+ : Marked 4+ : Severe site								

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1
SEX : MALE

	Group Name		1	Contr	ol			5(5	maqa					100g	pm				200 ₁	ppm
Findings	Grade	1+	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	. 3-					2+	3+ (%)	4+ (%)			2+ (%)	-	4+ (%)
stem!																				
regeneration:transitional epithelium		0 0) (0	0	0 (0)	0 (0)	0	0)	(() ((0) 0 (5	5 5 (100)	0 (0)			0	5	0 (0)
squamous cell metaplasia:transitional		0 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)			(0) (0 0)	5 (100)	0 (0)			0 0)	5 (100)	0 (0)
regeneration:olfactory epithelium	(0 0) (0 0)	0 (0)	0 (0)	0 (0)	(0)	5 (100)	(()	(0) (0 0)	5 (100)	0 (0)	(D O) (0 0)	5 (100)	0 (0)
necrosis:transitional epithelium	. (0 0) (0 0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	(()	(0) (0 0)	0 (0)	0 (0)	; (100	5 0) (0 0)	0 (0)	0 (0)
necrosis:olfactory epithelium	(0 0) (0 0)	0 (0)	0 (0)	5 (100)	0 (0)	0 (0)	(()	1 (20) (4 80)	0 (0)	0 (0)	((D O) (1	5 (00)	(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)
exudate:neutrophil leukocyte,respirat		0 0) (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:transitional epithelium squamous cell metaplasia:transitional regeneration:respiratory epithelium regeneration:olfactory epithelium necrosis:transitional epithelium necrosis:olfactory epithelium	Findings stem) regeneration:transitional epithelium (squamous cell metaplasia:transitional epithelium (regeneration:respiratory epithelium (necrosis:transitional epithelium (necrosis:olfactory epithelium (necrosis:respiratory epithelium (exudate:neutrophil leukocyte, respiratory region	regeneration:transitional epithelium regeneration:transitional epithelium squamous cell metaplasia:transitional epithelium regeneration:respiratory epithelium regeneration:olfactory epithelium regeneration:olfactory epithelium necrosis:transitional epithelium necrosis:olfactory epithelium necrosis:respiratory epithelium onumber of the pithelium onumber of the pithelium	Stem 1 + 2 +	Stem	Stem	Stem	Stem	Findings Grade 1+ 2+ 3+ 4+ 1+ 2+ 3	Findings Grade 1+ 2+ 3+ 4+ 1+ 2+ 3+ 4+ 1+ 2+ 3+ 4 (%) (%) (%) (%) (%) (%) (%) (%) (%) (%)	Stems	Findings	Carade	Stem	Findings	Stem	Findings	Findings	Trade	Findings

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

Organ		Group Name No. of Animals on Study Grade 1+ (炎)	400ppm 5 2+ 3+ 4 (%) (%) (5	!+ 1+ ;) (%)	0 2+		4+ (%)	
	•							
{Respiratory	system}							
nasal cavit	regeneration:transitional epithelium	0 (0) (1	< 5> 5 0 (00) (0) ((< 0> - · ·	- -) (- -)	
	squamous cell metaplasia:transitional		0 0 (-) (-)		- -) (- -)	
	regeneration:respiratory epithelium	(0) (0 5 (-) (-)		- -) (- -)	
	regeneration:olfactory epithelium	0 (0) (0 5 6 0) (100) (-) (-)	 (-) (-	- -) (- -)	
	necrosis:transitional epithelium		3 2 (60) (40) (-) (-)		- -) (- -)	
	necrosis:olfactory epithelium	(80) (1 0 { 20) (0) { (_) (-)		-) (- -)	
	necrosis:respiratory epithelium	(0) (4 1 (80) (20) ((-) (-	- -) (- -)	
	exudate:neutrophil leukocyte,respirato		3 0 (60) (0) ((_) (-)	 (-) (-	- -) (- -)	
Grade < a > b (c)	1+: Slight 2+: Moderate 3+ a: Number of animals examined at the si b: Number of animals with lesion c: b / a * 100	: Marked 4+ : Severe te						

ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

		Group Name No. of Animals on Study	Control 5	50ppm 5	100ppm 5	200ppm 5
Organ		Grade 1+ (%)	•	1+ 2+ 3+ 4+ (%) (%) (%) (%)	1+ 2+ 3+ 4+ (%) (%) (%) (%)	1+ 2+ 3+ 4+ (%) (%) (%) (%)
{Respiratory	system)					
nasal cavit	exudate:neutrophil leukocyte,olfactory	region 0 (0)	< 5> 0 0 0 (0) (0) (0)	< 5> 0 0 0 0 (0) (0) (0) (0)	<pre></pre>	< 5> 1
	inflammatory infiltration:transitional	epithelium 0 (0)	0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (20) (0) (0)
nasopharynx	eosinophilic change	. 0	< 5> 0 0 0 (0) (0) (0)	3 0 0 0 (60) (0) (0) (0)	<pre></pre>	<pre></pre>
	desquamation:epithelium	0 (0)	0 0 0 (0) (0)	0 0 0 0 0 (0) (0) (0)	1 0 0 0 (20) (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)
	regenaration:epithelium	0 (0)	0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	0 0 5 0 (0) (100) (0)	0 0 5 0 (0) (100) (0)
	necrosis:epithelium	0 (0)	0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	4 0 0 0 0 (80) (0) (0)
larynx	degeneration:epithelium	0 (0)	< 5> 0 0 0 (0) (0) (0)	<pre></pre>	<pre></pre>	< 5> 1 0 0 0 (20) (0) (0) (0)
Grade <a> b c c c)	1+: Slight 2+: Moderate 3+ a: Number of animals examined at the si b: Number of animals with lesion c: b/a * 100	: Marked 4+ : Severe te	е			

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

: MOUSE B6D2F1/Crlj[Crj:BDF1] ANIMAL

REPORT TYPE : A1 : MALE SACRIFICED ANIMALS (3W)

PAGE: 6 SEX Group Name 400ppm 800ppm No. of Animals on Study Grade 1+ 2+ 3+ 1+ 2+ 3+ Findings_ (%) (%) (%) (%) (%) (%) (%) Organ_ (Respiratory system) nasal cavit < 5> exudate: neutrophil leukocyte, olfactory region 0 5 (-) (-) (-) (0) (0) (100) (0) inflammatory infiltration:transitional epithelium (60) (40) (0) (0) (-) (-) (-) nasopharynx **〈 5**〉 < 0> 0 0 eosinophilic change (-) (-) (-) (0)(0)(0)(0) desquamation:epithelium (0) (0) (0) (0) (-) (-) (-) (-) inflammatory infiltration (-) (-) (-) (40) (0) (0) (0) regenaration:epithelium (0) (0) (100) (0) (-) (-) (-) necrosis:epithelium 3 2 (60) (40) (0) (0) (-) (-) (-) < 0> larynx < 5> degeneration:epithelium 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

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

PAGE: 7

		Group Name No. of Animals on Study	.,		Con 5	trol					5	50p	pm				1 5	00pp	m					20 5	10ppr	m
gan	Findings	Grade	1+ (%)	2+ (%)	3 (%)		4+ (%)		i + 6)	2- (%)	٠ ا	3+ (%)	4· (%)		1+ %)	2+ (%)	-	3+ %)	4+ (%)		1+ (%)		2+ (%)		(+ ()	4 (%
Respirator	y system)																									
arynx	desquamation:epithelium	(0 0) (0 (0)	5> 0 (0)		0 0)	(()))	0	< 5> (0	0 (0)		0 0) (0		0 0) (0 (0)	(0		0	5> 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
	regenaration: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
	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
rachea	inflammatory infiltration		0 0) ((0 (0)	5> 0 (0)		0 0)	(())) (0	(5> (0	0 (0)	(0 0) (0 0 0)	5>	0 0) (0 (0)	(0 0)		0 0 0)	5> 0 (0)) (0
	hyperplasia: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
	regenaration: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
	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

b b : Number of animals with lesion

c:b/a * 100 (c)

: MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

: MALE

		Group Name 400ppm No. of Animals on Study 5 Grade 1+ 2+ 3+ 4+	800ppm 0 1+ 2+ 3+ 4+	
rgan	Findings	(%) (%) (%)	(%) (%) (%) (%)	
Respiratory	v system)			
arynx	desquamation:epithelium	< 5> 1 0 0 0 (20) (0) (0) (0)	< 0> (-) (-) (-) (-)	
	inflammatory infiltration	2 0 0 0 (40) (0) (0) (0)	(-) (-) (-)	
	regenaration:epithelium	0 1 4 0 (0) (20) (80) (0)	(-) (-) (-)	
	necrosis:epithelium	5 0 0 0 (100) (0) (0) (0)	(-) (-) (-)	
rachea	inflammatory infiltration	< 5> 1 0 0 0 (20) (0) (0) (0)	< 0> (-) (-) (-) (-)	
	hyperplasia:epithelium	2 0 0 0 (40) (0) (0)	(-) (-) (-)	
	regenaration:epithelium	0 0 5 0 (0) (0) (100) (0)	(-) (-) (-)	
	necrosis:epithelium	4 1 0 0 (80) (20) (0) (0)	(-) (-) (-)	
rade a > b c)	1+ : Slight 2+ : Moderate a : Number of animals examined at b : Number of animals with lesion c : b / a * 100	3+ : Marked 4+ : Severe	(-) (-) (-)	

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

	Group Name No. of Animals on Study	5	Contr	01			5	50p	mq				5 5	qq00	m				5	200p	pm
		2+ (%)	3+ (%)	4+ (%)	1+ (%)	-		3+ (%)	4+ (%)		1+ (%)	2+ (%)	+ T		4+ (%)		1+ (%)	2· (%)	+	3+ (%)	(:
system)																					
inflammation:bronchus	0 (0)	< 5 0 (0)	5> 0 (0)	0 (0)	0 (0)	(< 5> 0 0) (0 0)	0 (0)	(0 0)	0 (0)	< 5> (0 0) (0 0)	(0 0)	0 (0)	< 5>	, 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)	(
regeneration: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)	(
em)																					
hydronephrosis	0 (0)	< 5 1 (20)	(0)	0 (0)	0 (0)	(< 5> 0 0) (0 0)	0 (0)	(0 0)	0 (0)	(5> (0 0) (0 0)	(0 0)	0 (0)	< 5>	0 0)	(
						a december de Aceste	-								•					•	
	Findings	Findings Grade 1+ Findings Grade (%) system) inflammation:bronchus 0 necrosis:epithelium, bronchus 0 regeneration:epithelium, bronchus 0 (0) regeneration:epithelium, bronchus 0 (0) em) hydronephrosis 0 (0) 1+: Slight 2+: Moderate 3+: Marked 4+: Severe a: Number of animals examined at the site b: Number of animals with lesion	Grade	Grade	System	Grade	System	Grade	Grade	System	System	System	Findings Grade 1+ 2+ 3+ 4+ 1+ 2+ 3+ 4+ 1+ 2+ 3+ 4+ 1+ 2 Findings (%) (%) (%) (%) (%) (%) (%) (%) (%) (%)	System S	Findings Grade 1+ 2+ 3+ 4+ 1+ 2+ 3+ 4+ 1+ 2+ 3+ 4+ 1+ 2+ 3+ 4+ 1+ 2+ 3+ 3+ 4+ 1+ 2+ 3+ 3+ 4+ 1+ 2+ 3+ 3+ 3+ 4+ 1+ 2+ 3+ 3+ 3+ 4+ 1+ 2+ 3+ 3+ 3+ 3+ 3+ 3+ 3+ 3+ 3+ 3+ 3+ 3+ 3+	System	Grade	Findings Grade 1+ 2+ 3+ 4+ 1+ 2+ 3+ 2+ 2+ 2+ 2+ 2+ 2+ 2+ 2+ 2+ 2+ 2+ 2+ 2+	Crade	Crade	Crade

ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

Organ	No	oup Name 400ppm of Animals on Study 5 rade 1+ 2+ 3+ 4+ (%) (%) (%) (%)	800ppm 0 1+ 2+ 3+ 4+ (%) (%) (%)	
(Respirato	ry system)			
lung	inflammation:bronchus	<pre></pre>	< 0> (-) (-) (-) (-)	
	necrosis:epithelium, bronchus	0 3 2 0 (0) (60) (40) (0)		
	regeneration:epithelium,bronchus	3 2 0 0 (60) (40) (0) (0)	(-) (-) (-)	
{Urinary s	ystem}			·
kidney	hydronephrosis	0 0 0 0 0 (0) (0) (0)	(-) (-) (-)	
Grade < a > b (c)	1+ : Slight 2+ : Moderate 3+ : a : Number of animals examined at the site b : Number of animals with lesion c : b / a * 100	Marked 4+ : Severe		
(HPT150)				BA1S5

TABLE K4

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS: FEMALE

ALL ANIMALS

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

[Crj:BDF1] ALL ANIMALS (0- 3W)

ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

	Group M				Cont	·ol					0ppr	m					1000	om					200p	om
Organ	No. of Grade			2+ (%)	3+ (%)	4+ (%)		(+ ()	2+ (%)	5 3 (%)		4+ (%)		1+ (%)	2+ (%)		3+ (%)	4+ (%)		1+ (%)	2 (%	5 +)	3+ (%)	4+ (%)
{Respiratory	system)																							
nasal cavit	inflammatory polyp		-	< 5 0 0)	0	0 (0)))) (0	5> 0 (0)		0 0)		0 0)	0 (0)	(5>	0	0 (0)	(0 0)	0	< 5>	0	0 (0)
	eosinophilic change:respiratory epithelium	(())) (0 0)	0 (0)	0 (0)	(8)	4)) (0 0)	(0)) (0 0)	(1	4 30)	0 (0)	(0 0)	0 (0)	(0 0)	(0) (0	0 (0)
	respiratory metaplasia: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)
	desquamation: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)
	atrophy:olfactory gland))) (0 0) (0 (0)	0 (0)	())) (0 0)	, 0 (0)) (0 0)	(0 0)	0 (0)	(0 0)	0 (0)	(4 80)	(0) (0 0)	0 (0)
	hyperplasia:transitional epithelium	(())) (0 0) (0 (0)	0 · (0)	())) (0 0)	0 (0)) (0 0)	(0 0)	0 (0)	(0 0)	0 (0)	(1	5 00)	(0) (0 0)	0 (0)
	inflammtory infiltration:respiratory epitheli			0	0 (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:olfactory epitheliu			0 0) (0 (0)	0 (0)	(100		0 0)	(0)) (0 0)		0 0)	5 (100)	(0 0)	0 (0)	(2 40)	3 (60) (0 0)	0 (0)
Grade (a > b (c)	1+: Slight 2+: Moderate 3+: Marke a: Number of animals examined at the site b: Number of animals with lesion c: b/a * 100	d 4+ : Seve	ere					-																•••

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : FEMALE

		oup Name		400p	pm			800p	pm
Organ	No. Gra Findings	of Animals on Study ade 1+ (%)	2+ (%)	5 3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)
Respiratory	system)								
nasal cavit	inflammatory polyp	2 (40)	() 1 (20)	0	0 (0)	-	< 5 1 (20)	0	0 (0)
	eosinophilic change:respiratory epitheliu		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	respiratory metaplasia:olfactory epitheli	um 4 (80)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	desquamation:olfactory epithelium	0 (0)	0 (0)	0 (0)	0 (0)	4 (80)	1 (20) (0 (0)	0 (0)
	atrophy:olfactory gland	0 (0)	0 (0)	5 (100)	0 (0)	0 (0)	0 (0) (0 (0)	5 (100)
	hyperplasia:transitional epithelium	2 (40)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0) (0 (0)	0 (0)
	inflammtory infiltration:respiratory epit	helium 5 (100)	0 (0)	0 (0)	0 (0)	5 (100)	0 (0) (0 (0)	0 (0)
	inflammatory infiltration:olfactory epith	nelium 3 (60)	2 (40)	0 (0)	0 (0)	3 (60)	0 (0) (0 (0)	0 (0)
Grade <a>> b <a>c	1+: Slight 2+: Moderate 3+: M a: Number of animals examined at the site b: Number of animals with lesion c: b/a * 100	larked 4+ : Severe							

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1
SEX : FEMALE

		Group Name No. of Animals on Stud	lv		5	Cont	rol					5		ppm					5	100	ppm					200 5	0ppm	А
gan		Grade	1+ (%)	2 (%	+	3+ (%)		4+ (%)		1+ (%)		+	3+ (%)		4+ (%)		1+ (%)	(9	2+	3+ (%)		4+ %)	1+ (%)		2+ (%)	3- (%)		4 (%)
Respiratory	system																											
asal cavit	regeneration:transitional epithelium	ţ	0 0)	0	< 5>	0		0 0)	(0 0)	0 }		0		0 0)	(0 0)	(< 5))) (5	(0 0):	0 (0)	(' < ! 0 0)	5		0
	squamous cell metaplasia:transitional	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
	regeneration:respiratory epithelium	(0 0)	0 (0)) (0 0)	(0 0)	(0 0)	(0) (0 0)	(0 0)	(0 0)	(())) (5 100)	ſ	0 0)	0 (0)	(/	0 0)	5 (100)) (0
	regeneration:olfactory epithelium	(0 0)	0 (0)) (0 0)	(0 0)	(0 0)	1 (20) (4 80)	(-	0 0)	(0 0)	())) (5 100)	(0 0)	0 (0)	()	0 0)	5 (100)) (0 0)
	necrosis:transitional epithelium	(0 0)	0 (0)) (0 0)		0 0)	(0 0)	(0) (0 0)	(0 0)	(0 0)	())) (0 0)	(0 0)	5 (100)	()	0 0)	(0)	ı (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)
	necrosis:olfactory epithelium	. (0 0)	0 (0)) (0 0)	(0 0)	(3 60)	2 (40	} {	0 0)	(0 0}	(0 0)	(100	;)) (0 0)	{	0 0)	0 (0)	(100	5 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)	5 (100)		0 0)	0 (0)	i (0 0)

STUDY NO. : 0797 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1 SEX

: FEMALE

	No.	p Name of Animals on Study	400pı		4.	5	300ppr		
Organ	Findings	e 1+ 2 (%) (%	2+ 3+	4+ (%)	1+ (%)		3+ (%)	4+ (%)	
(Respiratory	system)								
nasal cavit	regeneration:transitional epithelium		< 5> i 0 i) (0)	0 (0)	0 (0) (1		0	0 0)	
	squamous cell metaplasia:transitional epit	helium 5 0 (100) (0) O)) (O)	0 (0)	5 (100) (0 0) {	0 0) (0 0)	
	regeneration:respiratory epithelium	0 0	5) (100)	0 (0)	0 (0) (:	4 80) (2	1 20) (0 0)	
	regeneration:olfactory epithelium	0 0		0 (0)	0 (0) (0 0) (0 0) (0 0)	
	necrosis:transitional epithelium	1 2 (20) (40		0 (0)	0 (0) (0 0) (10		0 0)	
	atrophy:olfactory epithelium	0 0 (0) (0	0 (0)	0 (0)	0 (0) (10	5 00) (0 0) (0 0)	
	necrosis:olfactory epithelium	3 1 (60) (20		0 (0)	4 (80) (2		0 0) {	0 0)	
	necrosis:respiratory epithelium	1 3 (20) (60		0 (0)	0 (0) ((2 10) (0 0)	
Grade <a>> b (c)	1+: Slight 2+: Moderate 3+: Ma a: Number of animals examined at the site b: Number of animals with lesion c: b/a * 100	rked 4+ : Severe							

(HPT150)

BA1S5

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

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1] ALL AN

REPORT TYPE : A1 SEX : FEMALE

	Group Name	Control	50ppm	100ppm	200ppm 5
		2+ 3+ 4+ (%) (%) (%)	1+ 2+ 3+ 4+ (%) (%) (%) (%)	1+ 2+ 3+ 4+ (%) (%) (%) (%)	1+ 2+ 3+ 4+ (%) (%) (%) (%)
stem)					
exudate:olfactory region	0 (0)	< 5> 0 0 0 (0) (0) (0)	<pre></pre>	<pre></pre>	<pre></pre>
exudate:neutrophil leukocyte,respirato			0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
exudate:neutrophil leukocyte,olfactory	region 0 (0)	0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	3 1 0 0 (60) (20) (0) (0)	0 5 0 0 (0) (100) (0) (0)
desquamation:transitional 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)
desquamation: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)
inflammatory infiltration:transitional	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
eosinophilic change	0 (0)	< 5> 0 0 0 (0) (0) (0)	<pre></pre>	<pre></pre>	<pre></pre>
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)
	stem) exudate:olfactory region exudate:neutrophil leukocyte, respiratory exudate:neutrophil leukocyte, olfactory desquamation:transitional epithelium desquamation:respiratory epithelium inflammatory infiltration:transitional	stem) exudate:olfactory region	No. of Animals on Study 5 3+ 4+ 4+ 3+ 4+ 4+	No. of Animals on Study Grade	No. of Animals on Study 1

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

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE

Organ	No	oup Name of Animals on Study ade 1+ (%)	400ppi 5 2+ 3+ (%) (%)	m 4+ 1+ (%) (%)	800) 5 2+ 3+ (%) (%)		
{Respiratory s	system)						
nasal cavit	exudate:olfactory region	0 (0)	< 5> 0 0 (0) (0) (0 0	< 5> 0 0 (0) (0)	0 (0)	
	exudate:neutrophil leukocyte, respiratory	region 1 (20)	4 0 (80) (0) (0 0 0) (0)	5 0 (100) (0)	0 (0)	
	exudate:neutrophil leukocyte, olfactory r	egion 0 (0)	· 2 3 (40) (60) (0 1 0) (20)	3 1 (60) (20)	0 (0)	
	desquamation:transitional epithelium	0 (0)	0 0 (0) (0) (0 0) (0)	4 0 (80) (0)	0 (0)	
	desquamation:respiratory epithelium	0 (0)	0 0 (0) (0) (0 4 0) (80)	0 0 (0)	0 (0)	
	inflammatory infiltration:transitional e	oithelium 2 (40)	3 0 (60) (0) (0 1 0) (20)	4 0 (80) (0)	0 (0)	
nasopharynx	eosinophilic change	0 (0)	< 5> 0 0 (0) (0) (0 0	< 5> 0 0 (0) (0)	0 (- 0)	
	inflammatory infiltration	2 (40)	0 0	0 4 0) (80)	0 0 (0)	0 (0)	
< a > b	+ : Slight 2+ : Moderate 3+ : I a : Number of animals examined at the site b : Number of animals with lesion c : b / a * 100	larked 4+ : Severe					·

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1 SEX

: FEMALE

PAGE: 21

0	Findings	Group Name No. of Animals on Study Grade 1+	2+ (%)	Contr 3+ (%)	4+	1+ (%)		5 2+ (%)	50p 3+ (%)	pm 4+ (%)		1+ (%)	2+ (%)	100 5 3+ (%)		1- (%)	+ 2	5 2+	00ppm 3+ (%)	4+
rgan	Findings	(%)	(%)	(%)	(%)	(%)		(%)	(%)	(%)		(%)	(%)	(%)	(%)	(%)		.)	.76)	(%)
Respiratory	system)																			
asopharynx	regenaration:epithelium	0 (0)	< 5 0 (0)	0	0 (0)	0 (0)	(< 5) 0 0) (0 0)	0 (0)	(0 0) (0	5> 5 (100)	0 (0)	0 (0)	0 (0	< 5>))) (10	5 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)	5 (100)	0 (0))) (0 0) (0 0)
arynx	degeneration:epithelium	0 (0)	0 (0)	0	0 (0)	0 (0)	(< 5) 0 0) (0	0 (0)	(0 0) (0	5> 0 (0)	0 (0)	2 (40)	0	< 5>))) (0 0) (0 0)
	desquamation: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)
	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)
	hyperplasia: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)
	regenaration: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)
	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)

a : Number of animals examined at the site

b

b : Number of animals with lesion

(c)

c : b / a * 100

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : FEMALE PAGE: 22

		Group Name 400ppm No. of Animals on Study 5 Grade 1+ 2+ 3+ 4+	800ppm 5 1+ 2+ 3+ 4+	
Organ	Findings	(%) (%) (%)	(%) (%) (%)	
{Respiratory	system)			
nasopharynx	regenaration:epithelium	< 5> 0 0 5 0 (0) (0) (100) (0)	< 5> 0 2 3 0 (0) (40) (60) (0)	
	necrosis:epithelium	3 2 0 0 (60) (40) (0) (0)	1 4 0 0 (20) (80) (0) (0)	•
larynx	degeneration:epithelium	<pre></pre>	<pre></pre>	
	desquamation:epithelium	3 0 0 0 (60) (0) (0) (0)	0 0 1 0 (0) (20) (0)	
	inflammatory infiltration	2 1 1 0 (40) (20) (20) (0)	2 1 2 0 (40) (20) (40) (0)	
	hyperplasia:epithelium	1 0 0 0 (20) (0) (0) (0)	2 2 0 0 (40) (40) (0) (0)	
	regenaration:epithelium	0 5 0 0 (0) (100) (0) (0)	0 2 3 0 (0) (40) (60) (0)	
	necrosis:epithelium	2 1 2 0 (40) (20) (40) (0)	1 1 2 0 (20) (20) (40) (0)	
Grade <a> b (c)	1+: Slight 2+: Moderate a: Number of animals examined at th b: Number of animals with lesion c: b / a * 100	3+ : Marked 4+ : Severe ne site		

(HPT150)

BA1S5

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

SEX : FEMALE

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

PAGE: 23

0	Findings	Group Name No. of Animals on Study Grade 1+	2+	Contr 5 3+	4+	1+ (%)	2+	50p 5 3+	4+	1+		5 ⊦ 3+		200ppm 5 1+ 2+ 3+ 4+
Organ	r indings	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%) (%) (%)
(Respiratory	system)													
rachea	degeneration:epithelium	0 (0)	(0 (0)	5> 0 (0)	0 (0)	0 (0)	(0)	0	0 (0)	0 (0)	0	(5) 0 (0)	0 (0)	< 5> 1 0 0 0 (20) (0) (0) (0)
	desquamation: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)
	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)
	regenaration: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)
	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)
	squamous cell metaplasia: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)
ung	congestion	0 (0)		5> 0 (0)	0 (0)	0 (0)	0 (0)	0	0 (0)	0 (0)	0	(5> 0 (0)	0 (0)	<pre></pre>
	edema	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	. 0	0 (0)	0 (0)	0 0 0 0 0 (0) (0) (0)

(c) (HPT150)

BA1S5

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : FEMALE

Organ	Findings	Group Name 400ppm 800ppm No. of Animals on Study 5 Grade 1+ 2+ 3+ 4+ 1+ 2+ 3+ 4+ (%) (%) (%) (%) (%) (%) (%) (%) (%)	
{Respiratory	system}		
trachea	degeneration:epithelium	0 0	
	desquamation:epithelium	3 0 0 0 0 1 4 0 (60) (0) (0) (0) (0) (20) (80) (0)	
	inflammatory infiltration	3 0 0 0 2 0 0 (60) (0) (0) (0) (40) (0) (0)	
	regenaration:epithelium	0 5 0 0 1 4 0 0 (0) (100) (0) (0) (20) (80) (0) (0)	
	necrosis:epithelium	4 1 0 0 0 4 1 0 (80) (20) (0) (0) (0) (80) (20) (0)	
	squamous cell metaplasia:epithelium	1 0 0 0 0 0 0 0 0 (20) (20) (0) (0) (0) (0) (0)	
lung	congestion	0 0 0 0 0 5 0 (0) (0) (0) (0) (0) (100) (0)	
	edema	0 0 0 0 0 5 0 0 (0) (100) (0) (0)	
Grade <a>> b (c)	1+ : Slight 2+ : Moderate 3 a : Number of animals examined at the b : Number of animals with lesion c : b / a * 100	: Marked 4+ : Severe te	

ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1]

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

REPORT TYPE : A1 SEX : FEMALE

PAGE: 25

		oup Name of Animals on Study	Co 5	ontro	I				50 5	mqq				100	ppm				F	200p	pm
rgan	Gra Findings		2+	3+ (%)	4+ (%)	ĺ	1+ (%)	2+ (%)		(%)		1+ (%)	2+ (%)	3+ (%)	(%)		1+ (%)	· 2 (%	+ ;) —	3+ (%)	4- (%)
Respirator	y system)																				
ung	inflammation:bronchus	0 (0)	< 5> 0 (0) (0 0) (0 0)	(0 0) (0 0)	5> 0 (0)	0 (0)	(0 0} (0 (0)	5> 0 (0)	(0)	.1	0 (0)	0	< 5>	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)	1	0 (0)	(0)) (0 0)	0 (0)
	regeneration: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)
Jrinary sy	stem																				
idney	tubular necrosis:proximal tubule	0 (0)	< 5> 0 0 (0 0) (0 0)	(0 0) ((0 0)	5> 0 (0)	0 (0)	(0 0) (0 0 0	5> 0 (0)	0 (0)	(0 (0)	0	< 5>	0 0)	0 (0)
rade a > b	1+ : Slight 2+ : Moderate 3+ : M a : Number of animals examined at the site b : Number of animals with lesion c : b / a * 100	larked 4+ : Severe																www.vatataev			

(HPT150)

BAIS5

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : FEMALE

PAGE: 26

Organ	N G	roup Name 400ppm o. of Animals on Study 5 rade 1+ 2+ 3+ 4+ (%) (%) (%) (%)	800ppm 5 1+ 2+ 3+ 4+ (%) (%) (%)	
{Respirato	ry system)			
lung	inflammation: bronchus	<pre></pre>	<pre></pre>	
	necrosis:epithelium, bronchus	0 2 3 0 (0) (40) (60) (0)	0 0 5 0 (0) (100) (0)	
	regeneration:epithelium, bronchus	3 2 0 0 (60) (40) (0) (0)	0 0 0 0 0 (0) (0) (0)	
{Urinary s	ystem}			
kidney	tubular necrosis:proximal tubule	(0) (0) (0)	< 5> 1 1 0 0 (20) (20) (0) (0)	
Grade <a>> b (c)	1+ : Slight 2+ : Moderate 3+ : a : Number of animals examined at the sit b : Number of animals with lesion c : b / a * 100	Marked 4+ : Severe e		
(HPT150)				

(HPT150)

BAIS5

TABLE K5

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : FEMALE

DEAD AND MORIBUND ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1 SEX : FEMALE

Organ	No	oup Name of Animals on Study ade 1+ (%)		Contro) 3+ (%)	4+ (%)	1+	2+ (%)	50p) 3+ (%)	om 4+ (%)	1+ (%)	2+ (%)	100p) 3+ (%)	om 4+ (%)	1+ (%)	2+ (%)	200p 0 3+ (%)	
(Respiratory	system)																
nasal cavit	inflammatory polyp	- (-)	< (- (-)	3> - (-) (- -)	(-)	< (- (-)	-	- (-)	- (<u>-</u>)	< (- (-)	_	_ (_)	- (-)	-	0>: - (-)	- (-)
	desquamation:olfactory epithelium	(-)	_ (-)	- (-) (- -)	- (-)	- (-)	- (-)	_ (_)	- (-)	- (-)	- (-)	_ (_)	- (-)	- (-)	- (-)	- (-)
	atrophy:olfactory gland	(-)	_ (-)	- (-) (-)	- (-)	_ (-)	_ (-)	_ (-)	- (-)	- (-)	- (-)	_ (_)	- (-)	- (-)	- (-)	_ (_)
	inflammtory infiltration:respiratory epi		- (-)	- (-) (- -)	- (-)	- (-)	_ (_)	- (-)	_ (-)	- (-)	- (-)	_ (_)	- (-)	- (-)	- (-)	- (-)
	inflammatory infiltration:olfactory epit		_ (-)	- (-) (-)	- (-)	- (-)	_ (-)	- (-)	- (-)	_ (<u>-</u>)	_ (_)	- (-)	_ (-)	- (-)	- (-)	- (-)
	regeneration:transitional epithelium	(-)	_ (-)	_ (_) ()	- (-)	 (-)	 (-)	- (-)	 (-)	_ (<u>-</u>)	- (-)	_ (_)	- (-)	_ (-)	- (-)	- (-)
	squamous cell metaplasia:transitional ep		- (-)	_ () (- -)	_ (-)	_ (<u>-</u>)	_ (–)	_ (_)	- (-)		_ (–)	_ (_)	- (-)	_ (-)	- (-)	- (-)
	regeneration:respiratory epithelium	- (-)	- (-)	- (-) (- -)	- (-)	_ (<u>-</u>)	_ (-)	_ (_)	- (-)	- (-)	_ (_)	- (-)	- (-)	_ (-)	- (-)	_ (-)
Grade (a > b (c)	1+: Slight 2+: Moderate 3+: a: Number of animals examined at the site b: Number of animals with lesion c: b/a * 100	Marked 4+ : Sever	}	·-													

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

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

SEX

: FEMALE

		oup Name . of Animals on Study	4 0	00pp	m			800pı 5	om	•
Organ		ade 1+ (%)		3+ %)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	
{Respiratory	system)									
nasal cavit	inflammatory polyp	- (-)	< 0> - (-) () (- -)	3 (60)	(1 (20)	0	0 (0)	
	desquamation:olfactory epithelium	. – (–)	_ (-) {) (- -)	4 (80)	1 (20)	0 (0)	0 (0)	
	atrophy:olfactory gland	_ (-)	- (-) (- -) (- -)	0 (0)	0 (0)	0 (0)	5 (100)	
	inflammtory infiltration:respiratory epi	thelium - (-)	- (-) (- -) (- -)	5 (100)	0 (0)	0 (0)	0 (0)	
	inflammatory infiltration:olfactory epit	helium – (–)	- (-) (- -) (- -)	3 (60)	0 (0)	0 (0)	0 (0)	
	regeneration:transitional epithelium	_ (_)	_ (_) (- -) (- -)	0 (0)	5 (100)	0 (0)	0 (0)	
	squamous cell metaplasia:transitional ep		_ · (-) (- -) (- -)	5 (100)	0 (0)	0 (0)	0 (0)	
	regeneration:respiratory epithelium	- (-)	_ · ·	- -) (- -)	0 (0)	4 (80)	1 (20)	0 (0)	
Grade <a> b <a> c)	1+: Slight 2+: Moderate 3+: a: Number of animals examined at the site b: Number of animals with lesion c: b/a * 100									

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

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

SEX : FEMALE

		up Name Control of Animals on Study 0	50ppm	100ppm 0	200ppm O
Organ	NO. Gra		1+ 2+ 3+ 4+ (%) (%) (%) (%)	1+ 2+ 3+ 4+ (%) (%) (%)	1+ 2+ 3+ 4+ (%) (%) (%) (%)
(Respiratory	system}				
nasal cavit	necrosis:transitional epithelium	< 0> (-) (-) (-) (-)	< 0> (-) (-) (-) (-)	(-) (-) (-)	<pre></pre>
	atrophy:olfactory epithelium	(-) (-) (-) (-)	(-) (-) (-)	(-) (-) (-)	(-) (-) (-) (-)
	necrosis:olfactory epithelium	(-) (-) (-)	(-) (-) (-)	(-) (-) (-)	(-) (-) (-)
	necrosis:respiratory epithelium	(-) (-) (-)	(-) (-) (-)	(-) (-) (-)	(-) (-) (-)
	exudate:neutrophil leukocyte,respiratory	region (-) (-) (-)	(-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-)
	exudate:neutrophil leukocyte olfactory re	gion (-) (-) (-)	(-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-)
	desquamation:transitional epithelium	(-) (-) (-)	(-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-)
	desquamation:respiratory epithelium	(-) (-) (-)	(-) (-) (-)	(-) (-) (-) (-)	
Grade < a > b (c)	1+: Slight 2+: Moderate 3+: M a: Number of animals examined at the site b: Number of animals with lesion c: b/a * 100	arked 4+ : Severe			

ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]

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

REPORT TYPE : A1
SEX : FEMALE

Organ	N G	roup Name o of Animals on Study rade 1+ (%)	2+ (%)	3+ (%)	om 4+ (%)	1+ (%)	2+ (%)	800p; 3+ (%)	pm 4+ (%)	
(Respiratory	system									
nasal cavit	necrosis:transitional epithelium	(-) (< 0 - : -) (-	- (-)	0 (0)		5	0 (0)	
	atrophy:olfactory epithelium	(-) (_) (- -)	- (-)	0 (0)	5 (100)	0 (0)	0 (0)	
	necrosis:olfactory epithelium	(-) (_) (_ -}	- (-)	4 (80)	1 (20)	0 (0)	0 (0)	
	necrosis:respiratory epithelium	- (-) (- -) (- -)	- (-)	0 (0)	3 (60)	2 (40)	0 (0)	
	exudate:neutrophil leukocyte,respirator	y region - (-) (-) (- -)	_ (_)	0 (0)	5 (100)	0 (0)	0 (0)	
	exudate:neutrophil leukocyte.olfactory	region - (-) (- -) (- -)	- (-)	1 (20)	3 (60)	1 (20)	0 (0)	
	desquamation:transitional epithelium	(-) (- -) (- -)	_ (_)	0 (0)	4 (80)	0 (0)	0 (0)	
	desquamation:respiratory epithelium	_ (-) (- -) (- -)	- (-)	4 (80)	0 (0)	0 (0)	0 (0)	

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

ANIMAL : MOUSE B6D2F1/Cr1; [Crj:BDF1]
REPORT TYPE : A1

SEX : FEMALE

Organ	No	roup Name o. of Animals on Study rade 1+ (%)	Control 0 2+ 3+ 4 (%) (%) (5	50ppm 0 + 1+ 2+ 3+ 4+) (%) (%) (%)	100ppm 0 1+ 2+ 3+ 4+ (%) (%) (%) (%)	200ppm 0 1+ 2+ 3+ 4+ (%) (%) (%) (%)
Respiratory:	system)					
nasal cavit	inflammatory infiltration:transitional e	epithelium - (-) (< 0> 	<pre></pre>	< 0> (-) (-) (-) (-)	(-) (-) (-) (-)
asopharynx	inflammatory infiltration	- (-) (< 0> - -) (-) (-	< 0>	< 0> (-) (-) (-) (-)	< 0> (-) (-) (-) (-)
	regenaration:epithelium	(-) () (-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-) (-)
	necrosis:epithelium	_ (-) () (-) (-) (-)	(-) (-) (-)	(-) (-) (-)
rynx	desquamation:epithelium	- (-) (< 0> 	< 0>) (-) (-) (-) (-)	< 0> (-) (-) (-) (-)	< 0> (-) (-) (-) (-)
	inflammatory infiltration	- (-) () (-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-)
	hyperplasia:epithelium	- (-) () (-) (-) (-)	(-) (-) (-)	

(HPT150)

BA1S5

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1

SEX : FEMALE

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

Organ	No	roup Name o. of Animals on Study rade 1+ (%)	400ppm 0 2+ 3+ 4+ (%) (%) (%)	800ppm 5 1+ 2+ 3+ 4+ (%) (%) (%) (%)	
(Respiratory	system}				
nasal cavit	inflammatory infiltration:transitional e	epithelium - (-) (< 0> -) (-) (-)	< 5> 1 4 0 0 (20) (80) (0) (0)	
nasopharynx	inflammatory infiltration	- (-) (< 0> -) (-) (-)	< 5> 4 0 0 0 (80) (0) (0) (0)	
	regenaration:epithelium	- (-) (0 2 3 0 (0) (40) (60) (0)	
	necrosis:epithelium	- (-) (-) (-) (-)	1 4 0 0 (20) (80) (0) (0)	
larynx	desquamation:epithelium	- (-) (< 0> -) (-) (-)	< 5> 0 0 1 0 0 0 1 0 0 0 (0) (20) (0)	
	inflammatory infiltration	- (-) (2 1 2 0 (40) (20) (40) (0)	
	hyperplasia:epithelium	- (-) (-) (-) (-)	2 2 0 0 (40) (40) (0) (0)	
Grade < a > b (c)	1+: Slight 2+: Moderate 3+: a: Number of animals examined at the site b: Number of animals with lesion c: b/a * 100	Marked 4+ : Severe		· · · · · · · · · · · · · · · · · · ·	

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1 SEX : FEMALE

Organ	Findings	Group Name No. of Animals on Study Grade 1+ (%) (9	Control 0 2+ 3+ 4+ 4) (%) (%)	50ppm 0 1+ 2+ 3+ 4+ (%) (%) (%)	100ppm 0 1+ 2+ 3+ 4+ (%) (%) (%) (%)	200ppm 0 1+ 2+ 3+ 4+ (%) (%) (%)
{Respiratory	systeml					
arynx	regenaration:epithelium		< 0> -) (-) (-)	<pre></pre>	< 0> (-) (-) (-) (-)	<pre></pre>
	necrosis:epithelium	(-) (-		(-) (-) (-)	(-) (-) (-)	(-) (-) (-) (-)
rachea	desquamation:epithelium		< 0> -} (-) (-)	< 0> (-) (-) (-) (-)	< 0> (-) (-) (-) (-)	< 0> (-) (-) (-) (-)
	inflammatory infiltration	 (-) (-	 -) (-) (-)			
	regenaration:epithelium	 (-) (-	 -) (-) (-)	(-) (-) (-)	(-) (-) (-)	· · · · · · · · · · · · · · · · · · ·
	necrosis:epithelium	- (-) (-		(-) (-)		
ing	congestion		< 0> -) (-) (-)	< 0> (-) (-) (-) (-)	< 0> 	< 0> (-) (-) (-) (-)

SEX

: MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

REPORT TYPE : A1

: FEMALE

DEAD AND MORIBUND ANIMALS (0- 3W)

Group Name 400ppm 800ppm No. of Animals on Study Grade 1+ 2+ 3+ 4+ 1+ 2+ 3+ 4+ Findings (%) (%) (%) (%) Organ {Respiratory system} larynx regenaration:epithelium (-) (-) (-) (0) (40) (60) (0) necrosis:epithelium (-) (-) (-) (-) (20) (20) (40) (0) trachea **〈 5**〉 desquamation:epithelium (-) (-) (-) (0) (20) (80) (0) inflammatory infiltration (-) (-) (-) (40) (0) (0) (0) regenaration:epithelium (-) (-) (-) (20) (80) (0) (0) necrosis:epithelium 4 1 (-) (-) (-) (0) (80) (20) (0) lung 0 5 0 0 congestion (-) (-) (-) (0) (0) (100) (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)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

Organ	Findings	Group Name Contro No. of Animals on Study	50 p p m 0 0 4+ 1+ 2+ 3+ 4+ (%) (%) (%) (%) (%)	100ppm 0 1+ 2+ 3+ 4+ (%) (%) (%) (%)	200ppm 0 1+ 2+ 3+ 4+ (%) (%) (%) (%)
{Respirator	y system)				
lung		< 0>	< 0>	< 0>	< 0>
	edema	(-) (-) (-) (<pre>- < 0> -</pre>	< 0> (-) (-) (-) (-)	(-) (-) (-)
	necrosis:epithelium,bronchus	(-) (-) (-) (· (-) (-) (-)	(-) (-) (-) (-)
(Urinary sy	steml				
ci dney	tubular necrosis:proximal tubule	< 0>	< 0>	< 0> (-) (-) (-)	< 0>
Grade (a > b	1+ : Slight 2+ : Moderate a : Number of animals examined at the b : Number of animals with lesion	(-) (-) (-) (-) (-) (-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-) (-)	(-) (-) (-) (-)

SEX

: MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL REPORT TYPE : A1

: FEMALE

DEAD AND MORIBUND ANIMALS (0- 3W)

400ppm Group Name 800ppm No. of Animals on Study Grade 1+ 2+ 3+ 4+ 1+ 2+ 3+ 4+ Findings_ (%) (%) (%) (%) (%) (%) (Respiratory system) lung edema (-) (-) (-) (0) (100) (0) (0) necrosis:epithelium, bronchus (-) (-) (-) (-) (0) (0) (100) (0) {Urinary system} < 5> 1 1 0 0 kidney tubular necrosis:proximal tubule (-) (-) (-) (-) (20) (20) (0) (0) Grade 1+ : Slight 2+ : Moderate 3+ : Marked 4+ : Severe < a > a : Number of animals examined at the site b b: Number of animals with lesion (c) c:b/a * 100 (HPT150)

BAIS5

TABLE K6

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : FEMALE

SACRIFICED ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : FEMALE

		oup Name . of Animals on Study		Cont 5	rol		ı	50r 5	pm			100 5	opm			200 5)ppm
gan		ade 1		+ 3+	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2- (%)	3+	4+ (%)	1+ (%)	2+ (%)	-	
espiratory s	ystem}																
sal cavit	inflammatory polyp	0 (0.			0 (0)	0 (0)	() (0)	0	0 (0)	0 (0)	0	(5> 0 (0)	0 (0)	0 (0)	0 (0)	5> 0 (0)	((
	eosinophilic change:respiratory epitheli		0 (0)		0 (0)	4 (80)	0 (0)	0 (0)	0 (0)	4 (80)	(0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	((
	respiratory metaplasia:olfactory epithel		0 (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 gland	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	(0)	0 (0)	0 (0)	0 (0)	4 (80)	0 (0)	0 (0)	((
	hyperplasia:transitional epithelium	. (0)	0 (0)		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	5 (100)	0 (0)	0 (0)	(
	inflammtory infiltration:respiratory epi	thelium 0 (0)	0 (0)		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:olfactory epit		0 (0)		0 (0)	5 (100)	0 (0)	0 (0)	0 (0)	0 (0)	5 (100)	0 (0)	0 (0)	2 (40)	3 (60)	0 (0)	()
	regeneration:transitional epithelium	0 (0)	0 (0)		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	5 (100)	0 (0)	0 (0)	0 (0)	5 (100)	(

ANIMAL : MOUSE B6D2F1/Crlj [Crj:BDF1]
REPORT TYPE : A1

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SEX : FEMALE

SACRIFICED ANIMALS (3W)

	- Assertance (Assertance)			v v v v v v v v v v v v v v v v v v v	
Organ		Group Name No. of Animals on Study Grade 1+ 2 (%) (%	400ppm 5 2+ 3+ 4+ 5) (%) (%)	800ppm 0 . 1+ 2+ 3+ 4+ (%) (%) (%)	
(Respiratory	system				
nasal cavit	inflammatory polyp	2 1	< 5> 0 0 0) (0) (0)	< 0> (-) (-) (-) (-)	
	eosinophilic change:respiratory epithe		0 0	(-) (-) (-)	
	respiratory metaplasia:olfactory epith	elium 4 0 (80) (0	0 0	(-) (-) (-)	
	atrophy:olfactory gland	0 (5 0 0) (100) (0)	(-) (-) (-)	
	hyperplasia:transitional epithelium	2 ((40) (0	0 0	(-) (-) (-)	
	inflammtory infiltration:respiratory e	oithelium 5 0 (100) (0	0 0	(-) (-) (-)	
	inflammatory infiltration:olfactory ep	thelium 3 2 (60) (40	? 0 0)) (0) (0)	(-) (-) (-)	
	regeneration:transitional epithelium	0 5 (0) (100	; 0 0 i) (0) (0)	(-) (-) (-)	
Grade < a > b (c)	1+: Slight 2+: Moderate 3+ a: Number of animals examined at the si b: Number of animals with lesion c: b/a * 100	: Marked 4+ : Severe te			

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : FEMALE

		Group Name			Contr	ol		-	50p	pm				00ppm	1			5	200pp	m
Organ	Findings	No. of Animals on Stud Grade	y 1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2 (%		3+ (%)	4+ (%)	1 (%		2+	3+ (%)	4+ (%)
(Respiratory	system)																			
nasal cavit	squamous cell metaplasia:transitional	epithelium (0 0) (< 5 0 0) (0	0 (0)	0 (0) (< 5; 0 0) (0	0 (0)	0 (0)	0		0	0 0)	0)) (< 5> 0 0) (0	0 (0)
	regeneration:respiratory epithelium	(0 0) (0 0) (0 0)	0 (0)	0 (0) (0 0) (0 0)	0 (0)	0 (0)	(0) (10	5)0) (0 0)	0)) (0 0) (1	5 00)	0 (0)
	regeneration:olfactory epithelium	. (0 0) (0 0) (0 0)	0 (0)	0 (0) (1 20) (4 80)	0 (0)	0 (0)	0)) (10	5)0) (0 0)	(0) (0 0) (1	5 00)	0 (0)
	necrosis:transitional epithelium	(0 0) (0 0) (0 0)	0 (0)	0 (0) (0 0) (0 0)	0 (0)	0 (0)	(0		0 0) (0 0)	5 (100) (0 0) (0 0)	0 (0)
	necrosis:olfactory epithelium		0 0) (0 0) (0 0)	0 (0)	3 (60) (2 40) (0 0)	0 (0)	0 (0)	5 (100		0 0) (0 0)	0) (10		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)	5 (100) {	0 0) (0	0 (0)
	exudate:olfactory region	(0 0) (0 0) (0 0)	0 (0)	1 (20) (0 0) (0 0)	0 (0)	0 (0)	(0) (0 0) (0 0)	0) (0 0) {	0 0) (0 (0)
	exudate:neutrophil leukocyte,respirato		0 0) (0 (0 0)	0 (0)	0 (0) (0 0) (0 0)	0 (0)	(0)	0 (0) (0 0) (0 0)	0)) (0 0) {	0 0)	0 (0)

ANIMAL : MOUSE B6D2F1/Crij[Crj:BDF1]

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

REPORT TYPE : A1 SEX

: FEMALE

Organ		Group Name No. of Animals on Study Grade 1+ (%)	400ppm 5 2+ 3+ 4+ (%) (%) (%)	800ppm 0 1+ 2+ 3+ 4+ (%) (%) (%)	
{Respiratory	systemi				
nasal cavit	squamous cell metaplasia:transitional		< 5> 0 0 0 (0) (0) (0)	< 0> (-) (-) (-) (-)	
	regeneration:respiratory epithelium	0 (0)	0 5 0 (0) (100) (0)	(-) (-) (-)	
	regeneration:olfactory epithelium	(0)	0 5 0 (0) (100) (0)	(-) (-) (-) (-)	
	necrosis:transitional epithelium	1 (20)	2 2 0 (40) (40) (0)	(-) (-) (-) (-)	
	necrosis:olfactory epithelium	3 (60)	1 1 0 (20) (20) (0)	(-) (-) (-)	
	necrosis:respiratory epithelium	1 (20)	3 1 0 (60) (20) (0)	(-) (-) (-)	
	exudate:olfactory region	(0)	0 0 0 0 (0) (0)	(-) (-) (-)	
	exudate:neutrophil leukocyte, respirato	ory region 1 (20)	4 0 0 (80) (0) (0)	(-) (-) (-) (-)	
Grade <a>> b (c)	1+: Slight 2+: Moderate 3+ a: Number of animals examined at the si b: Number of animals with lesion c: b/a * 100	: Marked 4+ : Severe te			

ANIMAL : MOUSE B6D2F1/Crlj [Crj:BDF1]

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

REPORT TYPE : A1

SEX : FEMALE

		Group Name No. of Animals on Stud	v		Contr 5	ol			50a	ppm			100r	mqc		200pp 5	m
gan	Findings	Grade	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+		•	4+ (%)	1+ (%)	2+ (%)	3+	4+ (%)	1+ 2- (%) (%)	3+ (%)	4+ (%)
Respiratory s	system)															•	
asal cavit	exudate:neutrophil leukocyte, olfactor	y region (0 0) ((! 0 0	5> 0 (0)	0 (0)	0 (0)	(0)	5> 0 (0)	0 (0)	3 (60)	1 (20)	(5> 0 (0)	0 (0)	0 5 (0) (100)		0 (0)
	inflammatory infiltration:transitiona	l 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)
asopharynx	eosinophilic change	(0 0) (< ! 0 0)	5> 0 (0)	0 (0)	3 (60)	(1 (20)	5> 0 (0)	0 (0)	1 (20)	0	5> 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)
	regenaration:epithelium	(0 0) (0 0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	5 (100)	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)	5 0 (100) (0)	0 (0) (0 : 0)
arynx	degeneration:epithelium		0 0) (< 5 0 0)	5> 0 (0)	0 (0)	0 (0)	(0 (0)	5> 0 (0)	0 (0)	0 { 0}	0	5> 0 (0)	0 (0)	2 0 (40) (0)	(5) 0 (0)(O (O)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (3W)

REPORT TYPE : A1

SEX : FEMALE

Organ			400ppm 5 2+ 3+ 4+ (%) (%) (%)	800ppm 0 1+ 2+ 3+ 4+ (%) (%) (%)	
(Respiratory	system)				
nasal cavit	exudate:neutrophil leukocyte,olfactory		< 5> 2 3 0 40) (60) (0)	< 0> (-) (-) (-) (-)	
	inflammatory infiltration:transitional	epithelium 2 (40) (3 0 0	(-) (-) (-)	
nasopharynx	eosinophilic change		< 5> 0 0 0 0) (0) (0)	< 0> (-) (-) (-) (-)	
	inflammatory infiltration	2 (40) (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(-) (-) (-)	
	regenaration:epithelium	(0) (0 5 0 0) (100) (0)	(-) (-) (-)	
	necrosis:epithelium	3 (60) (2 0 0 40) (0) (0)	(-) (-) (-)	
larynx	degeneration:epithelium	0 (0) (< 5> 0 0 0 0) (0) (0)	<pre></pre>	
Grade <a>> b (c)	1+: Slight 2+: Moderate 3+ a: Number of animals examined at the si b: Number of animals with lesion c: b/a * 100	: Marked 4+ : Severe te			

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : FEMALE

		Group Name		ntrol		50p	pm			Oppm	200ppm
gan	Findings	No. of Animals on Study Grade 1+		3+ 4+ %) (%)		5 2+ 3+ (%) (%)	4+ (%)	1+ (%)	5 2+ 3 (%) (%)		5 1+ 2+ 3+ 4 (%) (%) (%) (%
espiratory s	system)										
rynx	desquamation:epithelium	0 (0) (0 0 0) (0)	0 (0) (< 5> 0 0 0) (0)	0 (0)	0 (0) (< 5> 0 0 0) (0	0 (0)	< 5> 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)
	hyperplasia: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
·	regenaration: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
	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
achea	degeneration:epithelium	0 (0) (< 5> 0 (0) (0 0 0) (0)	0 (0) (< 5> 0 0 0) (0)	0 (0)	0 (0) (< 5> 0 0 0) (0)	0 (0)	< 5> 1 0 0 0 (20) (0) (0) (0
	desquamation: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
	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)

b : Number of animals with lesion

c : b / a * 100 (c)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

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

SEX : FEMALE

Organ	No	oup Name 400ppm of Animals on Study 5 ade 1+ 2+ 3+ 4+ (%) (%) (%) (%)	800ppm 0 1+ 2+ 3+ 4+ (%) (%) (%)	
{Respirato	ry system)	-		
larynx	desquamation:epithelium	< 5> 3 0 0 0 (60) (0) (0) (0)	< 0> (-) (-) (-) (-)	
	inflammatory infiltration	2 1 1 0 (40) (20) (20) (0)	(-) (-)	
	hyperplasia:epithelium	1 0 0 0 (20) (0) (0) (0)		
	regenaration:epithelium	0 5 0 0 (100) (100) (0)		
	necrosis:epithelium	2 1 2 0 (40) (20) (40) (0)	(-) (-) (-)	
trachea	degeneration:epithelium	<pre></pre>	< 0> (-) (-) (-) (-)	
	desquamation:epithelium	3 0 0 0 0 (60) (0) (0) (0)	(-) (-)	
	inflammatory infiltration	3 0 0 0 0 (60) (60) (0) (0)	 (-) (-) (-) (-)	
Grade < a > b (c)	1+: Slight 2+: Moderate 3+: a: Number of animals examined at the site b: Number of animals with lesion c: b/a * 100	Marked 4+ : Severe		

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

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

SEX : FEMALE

		Group Name No. of Animals on Study		Contr 5	ol			50. 5	ppm			100p	pm			20 5)ppm
rgan		Grade 1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1 (%)		+ 3	
Respirator	y system)																
trachea	regenaration:epithelium	(0)	(0)	5> 0 (0)	0 (0)	0 (0)	(0)	5> 0 (0)	0 (0)	0 (0)	(0 (0)	5> 0 (0)	0 (0)	O (0.	0)	< 5> 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)
	squamous cell metaplasia: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)
ung	inflammation:bronchus	0 (0)	(0)	5> 0 (0)	0 (0)	0 (0)	(0 (0)	5> 0 (0)	0 (0)	0 (0)	(0 (0)	5> 0 (0)	0 (0)	0 (0)	0)	< 5> 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)
	regeneration: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)
Grade (a > b (c)	1+ : Slight 2+ : Moderate 3+ a : Number of animals examined at the si b : Number of animals with lesion c : b / a * 100	: Marked 4+ : Severe te	e														

(HPT150)

BA1S5

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : FEMALE

PAGE: 20

Organ	Ň	roup Name 400ppm lo. of Animals on Study 5 rade 1+ 2+ 3+ 4+ (%) (%) (%) (%)	800ppm 0 1+ 2+ 3+ 4+ (%) (%) (%)	
(Respirator	y system)			
trachea	regenaration:epithelium	(5) 0 5 0 0 (0) (100) (0) (0)	< 0> (-) (-) (-) (-)	
	necrosis:epithelium	4 1 0 0 (80) (20) (0) (0)	(-) (-) (-)	
	squamous cell metaplasia:epithelium	1 0 0 0 (20) (0) (0) (0)	(-) (-) (-)	
lung	inflammation:bronchus	<pre></pre>	< 0> (-) (-) (-)	
	necrosis:epithelium, bronchus	0 2 3 0 (0) (40) (60) (0)	(-) (-) (-)	
	regeneration:epithelium, bronchus	3 2 0 0 (60) (40) (0) (0)	(-) (-) (-)	
Grade <a>> b (c)	1+: Slight 2+: Moderate 3+: a: Number of animals examined at the sit b: Number of animals with lesion c: b/a * 100	Marked 4+ : Severe e		
(HPT150)	A A A A A A A A A A A A A A A A A A A			BA