2-フェノキシエタノールのマウスを用いた 経口投与によるがん原性試験(混水試験)報告書

試験番号:0498

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APPENDIX A 1

IDENTITY OF 2-PHENOXYETHANOL IN THE 2-YEAR DRINKING WATER STUDY

IDENTITY OF 2-PHENOXYETHANOL IN THE 2-YEAR DRINKING WATER STUDY

Test Substance

: 2-Phenoxyethanol (Wako Pure Chemical Industries, Ltd.)

A. Lot No.

: PKM4201

1. Spectral Data

Mass Spectrometry

Instrument

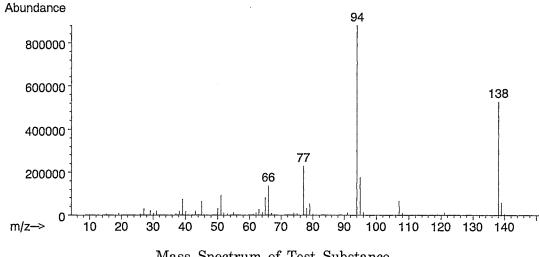
: Hewlett Packard 5989B Mass Spectrometer

Ionization

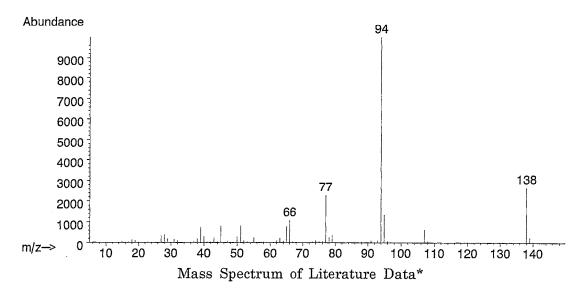
: EI (Electron Ionization)

Ionization Voltage

: 70eV



Mass Spectrum of Test Substance



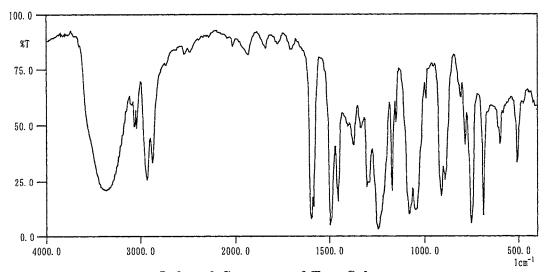
Result: The mass spectrum was consistent with literature spectrum. (*McLafferty FW. 1994. Wiley Registry of Mass Spectral Data, 6th ed. New York: John Wiley and Sons.)

Infrared Spectrometry

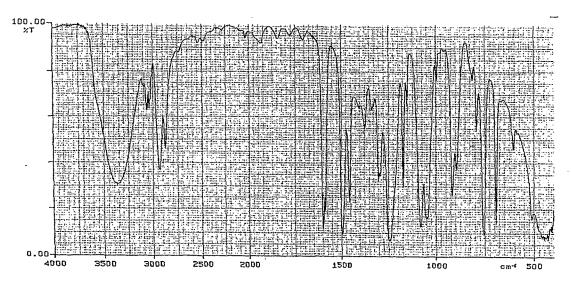
Instrument : Shimadzu FTIR-8200PC Infrared Spectrometer

Cell : KBr Liquid Cell

Resolution : 2 cm⁻¹



Infrared Spectrum of Test Substance



Infrared Spectrum of Literature Data*

Result: The infrared spectrum was consistent with literature spectrum. (*Performed by Wako Pure Chemical Industries, Ltd.)

2. Conclusion: The test substance was identified as 2-phenoxyethanol by mass spectrum and infrared spectrum.

B. Lot No.

: PKF5373

1. Spectral Data

Mass Spectrometry

Instrument

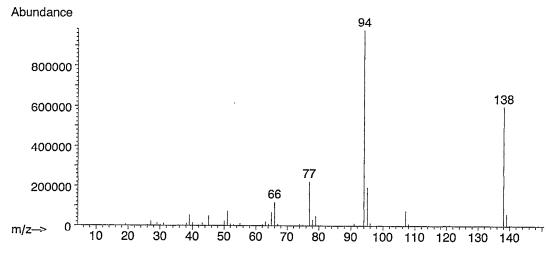
: Hewlett Packard 5989B Mass Spectrometer

Ionization

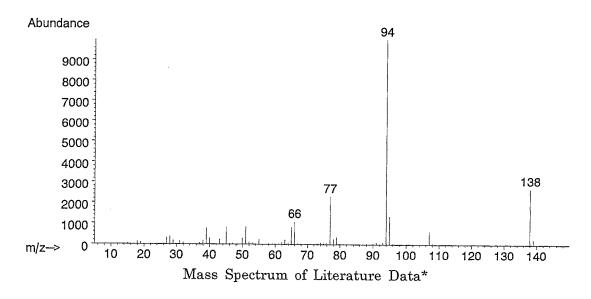
: EI (Electron Ionization)

Ionization Voltage

: 70eV



Mass Spectrum of Test Substance



Result: The mass spectrum was consistent with literature spectrum.

(*McLafferty FW. 1994. Wiley Registry of Mass Spectral Data, 6th ed.

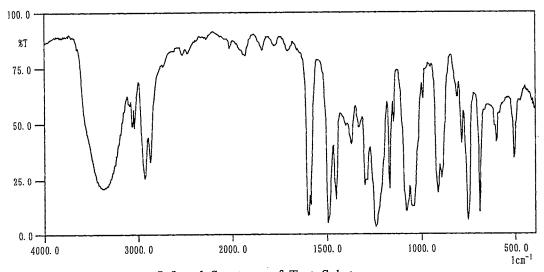
New York:John Wiley and Sons.)

Infrared Spectrometry

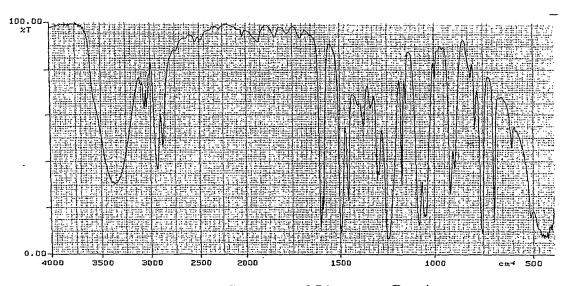
Instrument : Shimadzu FTIR-8200PC Infrared Spectrometer

Cell : KBr Liquid Cell

Resolution : 2 cm⁻¹



Infrared Spectrum of Test Substance



Infrared Spectrum of Literature Data*

Result: The infrared spectrum was consistent with literature spectrum. (*Performed by Wako Pure Chemical Industries, Ltd.)

2. Conclusion: The test substance was identified as 2-phenoxyethanol by mass spectrum and infrared spectrum.

APPENDIX A 2

STABILITY OF 2-PHENOXYETHANOL IN THE 2-YEAR DRINKING WATER STUDY

STABILITY OF 2-PHENOXYETHANOL IN THE 2-YEAR DRINKING WATER STUDY

Test Substance

: 2-Phenoxyethanol (Wako Pure Chemical Industries, Ltd.)

A. Lot No.

: PKM4201

1. High Performance Liquid Chromatography

Instrument

: Shimadzu LC-10 High Performance Liquid Chromatograph

Column

: TSK-GEL ODS-80TM (4.6 mm ϕ × 15 cm)

Column Temperature: 40 °C

Flow Rate

: 1 mL/min

Mobile Phase

: Acetonitrile : Distilled Water = 4 : 6

Detector

: UV (271 nm)

Injection Volume

: 10 μL

Date analyzed	Peak No.	Retention Time (min)	Area (%)
2003.06.19	1	3.488	100
2004.05.17	1	3.457	100

Result: High performance liquid chromatography indicated one major peak (peak No.1) analyzed on 2003.6.19 and one major peak (peak No.1) analyzed on 2004.5.17. No new trace impurity peak in the test substance analyzed on 2004.5.17 was detected.

2. Conclusion: The test substance was stable for the period that the test substance had been used for the study.

B. Lot No.

: PKF5373

1. High Performance Liquid Chromatography

Instrument

: Shimadzu LC-10 High Performance Liquid Chromatograph

Column

: TSK-GEL ODS-80TM (4.6 mm ϕ \times 15 cm)

Column Temperature: 40 °C

Flow Rate

: 1 mL/min

Mobile Phase

: Acetonitrile : Distilled Water = 4 : 6

Detector

: UV (271 nm)

Injection Volume

: 10 μL

Date analyzed	Peak No.	Retention Time (min)	Area (%)
2004.05.10	1	3.454	100
2005.07.22	1	3.459	100

Result: High performance liquid chromatography indicated one major peak (peak No.1) analyzed on 2004.5.10 and one major peak (peak No.1) analyzed on 2005.7.22. No new trace impurity peak in the test substance analyzed on 2005.7.22 was detected.

2. Conclusion: The test substance was stable for the period that the test substance had been used for the study.

APPENDIX A 3

CONCENTRATION OF 2-PHENOXYETHANOL IN FORMULATED WATER IN THE 2-YEAR DRINKING WATER STUDY

CONCENTRATION OF 2-AMINOETHANOL IN FORMULATED WATER IN THE 2-YEAR DRINKING WATER STUDY

Analytical Method : The samples were analyzed by high performance liquid

chromatography.

Instrument : Shimadzu LC-10 High Performance Liquid Chromatograph

Column : TSK-GEL ODS-80TM (4.6 mm ϕ × 15 cm)

Column Temperature: 40 °C

Flow Rate : 1 mL/min

Mobile Phase : Acetonitrile : Distilled Water = 4 : 6

Detector : UV (271 nm)

Injection Volume : 10 μ L

_		Target Concentration	
Date Analyzed	5000a	10000	20000
2003.07.11	5110 ^b (102) ^c	10200 (102)	20400 (102)
2003.09.12	5080 (102)	10200 (102)	20500 (103)
2003.12.05	5040 (101)	10200 (102)	20500 (103)
2004.02.27	4880 (97.6)	9900 (99.0)	19700 (98.5)
2004.05.21	5040 (101)	10100 (101)	20000 (100)
2004.08.13	5040 (101)	10200 (102)	19900 (99.5)
2004.11.05	5010 (100)	9990 (99.9)	20000 (100)
2005.01.28	5190 (104)	10200 (102)	20900 (105)
2005.04.22	5030 (101)	10100 (101)	20400 (102)

a ppm

^b ppm (Mean measured concentration.)

c % (Mean measured concentration/target concentration × 100.)

APPENDIX A 4

STABILITY OF 2-PHENOXYETHANOL IN FORMULATED WATER

STABILITY OF 2-AMINOETHANOL IN FORMULATED WATER

Analytical Method : The samples were analyzed by high performance liquid

chromatography.

Instrument : Shimadzu LC-10 High Performance Liquid Chromatograph

Column : TSK-GEL ODS-80TM (4.6 mm ϕ × 15 cm)

Column Temperature: 40 °C

Flow Rate : 1 mL/min

Mobile Phase : Acetonitrile : Distilled Water = 4 : 6

Detector : UV (271 nm)

Injection Volume : 10 μL

	Target Cor	acentration
Date Analyzed	100²	25000
2002.05.15	97.3 (100)b	24600 (100)
2002.05.20°	93.2 (95.8)	25500 (104)

a ppm

b % (Percentage was based on the concentration at the date of preparation.)

^c Animal room samples

APPENDIX B 1

CLINICAL OBSERVATION: MALE

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

Clinical sign	Group Name	Admini	stration W	eek-day											
·	•	1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ditti	5000ppm	0	0	0	0	0	0	0	0	0	0	Ö	Ö	Ö	0
	10000ppm	ő	0	0	0	0	0	ő	0	0	Ö	Õ	ŏ	ő	Ö
	20000ppm	0	ő	ō	ō	ō	ő	ŏ	ŏ	Ö	ō	ō	Ö	0	0
ORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UNCUBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րբա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm 20000ppm	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
ASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	Ô	o	1
OILED	Control	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0
	5000ppm	0	0	Ö	Ö	. 0	0	0	0	Ō	Ō	0	0	0	0
	10000ppm	Ö	Ö	0	Ö	0	0	Ö	Õ	Ö	Õ	Ů	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILOERECTION	Control	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	20000ppm	1	0	0	0	0	1	0	0	0	0	0	0	0	1

CLINICAL OBSERVATION (SUMMARY)

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

REPORT TYPE : A1 104

SEX : MALE

Clinical sign	Group Name	Admini	stration W	eek-day											
····	•	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
GATII	0.7.1		0	•		0	٥		0	0	0	0	0	0	0
EATH	Control 5000ppm	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0	0	1	1	1	1
				0				0	0	0	0	0	0	0	0
	10000ppm	0	0		0	0	0					-	1		1
	20000ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	ŗ
DRIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	. 0	Ö	0	0	0	0	0	0	0
	10000ppm	Ō	0	0	0	. 0	0	Ö	0	0	0	0	0	0	0
	20000ppm	Ö	Õ	Ö	Ö	ō	Ö	Ŏ	0	0	0	0	0	0	0
UNCIBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHOIDHOR TODITION	5000ppm	0	0	0	Õ	0	Ö	o o	Õ	0	0	Ŏ	0	Ö	0
	10000 թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INICADISAL CALC	0 1	0			0		0	0	0	0	0	0	0	0	0
BNORMAL GAIT	Control	0	0	0	0	0	0	0	0	-		0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	•	-	-	
	10000թթտ 20000թթտ	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1007710					_				•	•		•	•		•
ASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	ō	0	0	0	0	0	0	0	0	0
	20000ppm	1	Ö	0	i	1	1	1	2	i	1	1	1	1	1

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

SEX : MALE

linical sign	Group Name	Admini	stration W	eek-dav											
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
EATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	I
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	1	1	1	1	2	2	2	2	2	2	2	2	2	2
RIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թրա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000hhm	ō	Ö	0	ō	ō	0	0	ō	0	Ō	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	Ö	ő	Ö	0	Ö	0	Ö	0	Ů	0	ō
	10000ppm	0	Ö	0	0	0	0	0	0	0	0	Ö	Ö	Õ	ŏ
	20000ppm	. 0	Ő	0	0	0	0	Ő	0	0	0	0	0	Ö	0
STING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	ő
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	ő
	20000թթա	0	0	0	0	0	o	0	ō	Ö	0	0	o	ő	0
ILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	5000ppm	0	0	0	0	0	0	0	0	0	0	0	Ö	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	U	υ	υ	U	U	U	U	U	v	υ	U	υ
LOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

linical sign	Group Name	Admini	stration W	eek~day											
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
ATH	0 . 1	•					•					•		•	,
EATH	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	i.
	5000ppm	1	1	1	1	I	1	1	1	1	i	1	I o	1	I
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INCLIBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ö	0	Ŏ	Ö	0	Ö	Ö	ŏ	Ö	Ŏ	Ö	0	0	0
	10000թթե	Ö	0	0	0	0	0	0	0	0	0	Ö	0	0	ő
	20000րթա	Ö	0	0	ő	Ö	o o	ő	0	0	ō	0	Ö	Ö	0
NORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOIGHID ONLY	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ррш		0	0	0			0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0 0	0 0	0	0	0	0	0	0	0	0
STING	Control 1	•	0	0		•	•	•	•	0	0	0	0	0	0
71110	Control	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0		-	0	0	0	0	0	0	0	-	-	-	-
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOERECTION	Control	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

REPORT TYPE : A1 104

SEX : MALE

linical sign	Group Name	Admini	stration W	eek-dav											
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
		-	<u>.</u>						_	_	_		_		
ATU	Control	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	5000ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	2	2	2	2	2	2	2	2	2	2	2	2	2	2
RIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	Ō	0	0	0	0	0	0	0	0	0	0
	10000ppm	Ō	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	Ö	Ö	0	.0	0	Ō	0	0	0	Ō	0	0	0	0
	20000ррт	ő	ő	0	0	0	0	ő	Ö	Ö	ō	0	Ö	0	0
UNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOIDAGE LOSITION	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	ő
			0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ррш	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթա	U	U	U	U	υ	U	U	U	U	U	U	U	U	U
BNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	Ö	0	0	0	Ö	Ö	Ö	ŏ	Õ	ō	Ö	Ō	0	0
	20000ppm	Ö	0	Ö	0	Ö	0	0	0	0	0	0	0	0	0
LOERECTION	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5000ppm	Ô	0	Ô	Ô	0	0	Ô	Ō	ō	Ô	Ô	0	Ô	0
	10000ppm	0	0	0	0	0	0	0	0	0	ő	0	Ö	ŏ	Ő
	roccobbin	0	0	0	0	0	0	0	0	0	0	0	0	0	1

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

REPORT TYPE : A1 104

SEX : MALE

linical sign	Group Name	Admini	stration W	leek-day											
	Tour noise	71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
EATH	Control	4	4	4	4	4	5	5	8	8	8	8	8	8	8
Dilli	5000ppm	1	1	1	1	l	1	l	l	1	i	1	2	3	4
	10000pm	0	0	0	0	0	0	0	0	Ô	0	0	0	0	1
	• •	2	2	2	2	2	2	2	3	3	3	3	3	5	5
	20000ррш	4	2	2	2	2	2	4	3	3	3	3	3	J	3
RIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րբա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
•	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<u>-</u>	5000ppm	Ö	0	Ö	Ö	0	Ö	0	0	0	0	0	0	0	0
	10000ppm	Ö	0	0	Ö	Ö	0	Ö	0	0	ō	0	0	0	0
	20000ppm	Ö	Ö	Õ	Ő	Ö	Ô	0	Ō	0	Ö	0	Ō	0	0
INCLIBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOIDAGE TOSTITON	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	Ŏ	ő
	10000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րրա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
														_	_
BNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DTLED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0		0	0	0	0	0	0	0	0
	20000ppm	U	U	U	U	U	0	υ	U	U	U	U	U	U	0
LOERECTION	Control	1	I	1	1	1	1	1	1	1	1	1	2	2	2
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	1	1	1	1	0	0	0	0	0
	20000ppm	1	1	1	1	1	1	1	0	1	1	1	2	0	0

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

Clinical sign	Group Name	Admini	stration W	laak-day											
orinival orga	orodp ramo	85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
DEATH	Control	0	10	11	11	11	19	10	12	12	12	12	12	12	12
DEATH	Control 5000ppm	9 4	10 4	11 4	11 4	11 5	12 6	12 7	7	7	8	8	8	8	9
	10000ppm	1	2	3	3	3	3	3	3	3	4	4	5	6	7
	20000թթա	5	5	6	6	6	7	7	7	7	8	8	8	8	8
ORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	0	0	0	0	0	0 0	0 0	0 0	0 0
	20000թթտ	0	0	0	0	0	0	0	0	I	0	U	U	U	U
ABNORMAL GAIT	Control	0	0	0	0	1	0	0	0	0	0	0	0	0	0 0
	5000ppm	0	0	0	0	0	0	0	0	0	0				
	10000ppm	0	0	0	0	0	0	0	0	0 .	0	0 0	0 0	0	0 0
	20000ppm	0	0	0	0	0	0	0	0	0	0	U	U	U	U
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0 0	0	0 0	0	0 0
	20000ppm	0	0	0	0	0	0	0	0	0	U	U		U	U
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	I
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	2	1	1	2	2	3	3	3	3	3	3	3	3	3
	5000ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	20000ppm	0	1	0	0	0	0	0	0	1	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

Clinical sign	Group Name	Admin	istration '	Week-day				
		99-7	100-7	101-7	102-7	103-7	104-7	
DEATH	Control	12	12	12	12	13	15	
	5000ppm	11	12	13	14	14	14	
	10000ppm	8	8	8	8	8	8	
	20000ppm	8	8	9	9	9	9	
	••							
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	
	5000ppm	1	1	1	1	1	1	
	10000ppm	ō	0	Ô	Ô	Ô	0	
			0	0	0	0	0	
	20000ppm	0	U	U	U	U	U	
OGOVOTOR VOLUMENTS PROP			_		•		•	
OCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	
RONE	Control	0	0	0	0	0	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	
	•••							
INCHBACK POSITION	Control	0	0	0	0	0	0	
	5000ppm	0	Ö	0	0	0	0	
	10000ppm	0	0	0	0	0	0	
	20000թթա	0	0	0	0	0	Ö	
	20000րիա	U	U	U	U	U	U	
NICOMAL CATE	0.4.1	^		0	•	0	0	
NORMAL GAIT	Control	0	0	0	0	0	0 .	
	5000թթտ	0	0	0	0	0	0	
	mqq00001	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	
ASTING	Control	0	0	0	0	1	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	
	- · · · · · · · · · · · · · · · · · · ·							
SOTLED	Control	0	0	0	0	0	0	
	5000ppm	Ö	0	0	0	0	ō	
	10000ppm	0	0	0	0	0	Ő	
	20000ppm	0	0	0	0	0	0	
	ZOOOOppm	U	U	U	U	U	υ	
TI OEDECTION	01	•		•	•	0	0	
PILOERECTION	Control	3	3	3	3	3	2	
	5000ppm	0	0	0	0	0	0	
	10000թթտ 20000թթտ	0 0	0 0	0 1	0 1	0 0	0 1	

CLINICAL OBSERVATION (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

ALL ANIMALS

REPORT TYPE : A1 104

SEX : MALE

Clinical sign	Group Name	Admini	stration W	eek-day						<u>.</u>					
-		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
og prv v															0
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KOPIITIIALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
М	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ŏ	Õ	Õ	Ö	Ŏ	ŏ	Ö	Õ	ŏ	0	0	0	0	1
	mqq00001	Ö	Ö	Ö	0	o O	0	0	0	ŏ	0	Õ	0	Ö	ō
	20000ppm	ů	ő	ő	0	ő	0	Ö	Ö	Ö	0	Ô	0	0	ō
. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	Û	0	Ö	0
	10000ppm	Ö	0	0	0	0	0	0	0	0	0	Ô	.0	Ö	0
	20000ppm	0	0	0	0	0	0	0	0	0	Ö	0	0	Ö	Ö
ЕУЕ	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13113				0							0	0	0	0	0
	5000ppm	0	0		0	0	0	0	0	0		0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	•	0	0	0
	20000ppm	0	0	0	0	0	0	0	0 .	0	0	0	υ	υ	U
BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

Clinical sign	Group Name	Adminis	stration 8	eek-day											
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
DOG BELLY				_							•			•	
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
	10000ррт 20000ррт	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0
DILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	ő	0	Ö	0	0	0	Õ	0	Ŏ	Ö	0	Ö	Ö
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	Ő	0	Ö
	20000ррш	0	0	0	0	0	0	0	0	0	0	0	0	ō	0
(OPIITIIALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	Ô	0	0	Ö	Ö	0	ō	ō	0	0	0
	10000ррш	Ö	0	Ö	0	0	0	Ŏ	ő	0	Ö	Ö	0	Õ	0
	20000ppm	0	0	Ö	ő	ő	Ö	o	0	0	ō	ŏ	Ö	Ö	0
м	Control	0	0	0	. 0	0	0	0	0	0	0	0	0	0	0
	5000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TERNAL MASS	Control	1	1	2	2	2	2	2	2	2	2	2	2	2	2
	5000ppm	1	1	1	1	1	1	1	0	0	0	1	1	1	1
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	1	2	2	2
NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

linical sign	Group Name	Admini	stration W	leek-dav											
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
OG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000րթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PIITHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TERNAL MASS	Control	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	5000ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	0
	10000ppm	0	0	Ö	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	2	1	2	1	1	1	1	1	1	1	1	1	1	2
NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0 -	0	0	0	0	0	0	0	0	0
	20000ppm	0	Ō	0	Ō	0	0	Ō	0	Ō	Ō	Ô	0	0	0
зув	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ррш	Ö	0	Õ	Ö	Õ	0	Ö	Ŏ	0	0	0	Ö	0	0
	20000ppm	0	ō	0	ō	0	0	0	0	ō	0	0	0	0	0
BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ö	0	Ö	Ö	0	Ö	Ö	0	0	Ö	Ŏ	Ö	Ŏ	0
	10000ppm	Ö	0	Ö	0	Ö	0	0	0	Ö	0	Ů	0	ō	0
	20000ppm	0	0	0	0	Ů	0	0	0	0	0	Ů	0	Ŏ	ő

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

linical sign	Group Name	Admini	stration W	eek-dav											
	•	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	ō	0	0	0	0
OPIITIJALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	Ō	0	0	ō	o.	0	. 0	0	0	0
	10000ppm	Ö	Ö	Ö	ő	ŏ	0	0	ő	Ö	o O	ŏ	0	Ö	ő
	20000ppm	0	0	0	Ö	0	Ö	ő	0	Ö	ŏ	0	Ö	0	Ō
М	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	ō	Õ	0	0	Õ	Õ	Ö	Ö	0	0	0
	10000ppm	0	0	0	ő	Õ	0	0	0	0	0	0	0	0	0
	20000թթա	0	0	0	0	0	0	0	0	0	0	0	Ŏ	0	0
ERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	Ů	0	0	0	Õ	Ö	Ö	0
	10000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթո	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TERMAL MACO		_		_	_	_	_	_	_	_	_	_	_		
TERNAL MASS	Control	2	2	2	2	2	2	2	2	2	2	2	2	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	2	2	3	3	3	3	3	3	3	3	3	3	3	2
KOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	Ō	0	0	Ō	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	Ō	0	0	0	0	0	0
REAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ö	0	Ö	ŏ	ő	0	Ö	0	Ö	0	Ö	0	0	0
	10000ppm	0	Ö	0	ő	Ő	0	0	0	0	0	0	0	o O	ő
	20000ppm	0	0	0	0	0	0	0	0	0	0	Ŏ	0	0	0

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]
REPORT TYPE : A1 104

SEX : MALE

linical sign	Group Name	Admini	stration W	eek-day _											
·		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
NOG DELLY	0 1	0		0				•			0	0	0	0	0
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0		0	
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILED PERI-GENITALIA	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	I
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
м	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TERNAL MASS	Control	0	0	0	0	0	0	0	0	0	1	1	1	1	i
	5000րրա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	Ō	0	0	Ō	ō	Ö	0	0	0	0	0	0	0
	20000րրա	0	0	0	ō	0	0	0	0	0	0	0	0	0	0
TERNAL MASS	Control	0	0	0	0	0	0	0	0	1	2	2	3	3	3
	5000ppm	0	0	Ö	0	ŏ	Ö	Ö	Ŏ	Ô	0	0	0	0	0
	10000ppm	0	0	ŏ	Ö	Ŏ	Ŏ	Ő	Ö	Ō	0	Ö	Ö	0	0
	20000ppm	2	2	2	2	2	3	3	3	3	4	4	4	4	4
NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	ŏ	ő	ő
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppiii	v	v	V	Ū	v	v	v	v		Ū				
EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REAST	Control	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

REPORT TYPE : A1 104

SEX : MALE

Clinical sign	Group Name	Admini	stration P	eek-day											
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROG BELLI		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0		0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	U	0	U	U	U	U	U	U	U	U	U	U	U	U
OILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KOPIITHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	1	1	1	1	1	1	1	1	1	1	1	1	I	1
	10000ppm	ō	Ö	ō	Ô	ō	ō	ō	0	0	0	1	1	1	1
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	Ö	Ŏ	Ö	Ö	Ŏ	Ö	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	Ö	0	0	Ö	0	0
	20000ppm	0	0	0	0	0	0	0	0	ő	ő	Ŏ	ō	0	0
XTERNAL MASS	Control	1	1	1	2	1	1	1	0	0	0	0	0	0	1
TERME INDO	5000ppm	1 0	0	0	0	0	0	0	0	2	2	2	2	3	4
						0		0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0		0	0	0	0	0	0	0	0	0
	20000րբա	0	0	0	0	0	U	U	U	U	U	U	U	U	U
NTERNAL MASS	Control	3	3	3	3	3	3	4	4	4	4	4	4	5	5
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	3
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	4	4	4	4	4	4	3	3	4	4	4	4	3	4
NOSE	Control	0	0	0	1	0	1	1	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррш	0	0	0	Ó	0	0	0	0	0	0	0	0	0	0
ЕУЕ	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ррш	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DDD LOW			_	_	_	_	_	_		_		•	•	•	_
BREAST	Control	1	1	1	1	1	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

SEX : MALE

linical sign	Group Name	Admini	istration W	eek-day											
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	1	1	2	2
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILED PERI-GENITALIA	Control	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OPIITHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	1	1	1	1	1	1	1	1	1	1	ī	1	1	1
	10000ppm	i	1	ì	1	1	1	i	ì	ì	1	í	1	ì	0
	20000ppm	Ô	ō	0	ō	Ô	0	0	0	Ô	0	Ô	,0	0	Ö
M	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ö	0	0	Ŏ	0	0	0	0	0	0	0	0	0	0
	10000ppm	Õ	0	Õ	Ö	0	0	ő	0	0	0	Ö	0	0	0
	20000ppm	ő	Ö	0	ő	0	Ö	0	0	õ	Ö	o	0	0	0
TERNAL MASS	Control	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	4	5	5	5	4	4	2	2	2	1	ì	1	2	2
	10000ррт	o	0	0	0	0	0	ő	0	Õ	0	0	0	0	0
	20000ррт	ő	ő	0	0	0	0	0	0	ő	0	0	o	0	0
TERNAL MASS	Control	4	3	2	3	5	4	5	5	5	5	5	5	4	,
	5000ppm	1	1	2	2	1	2	4	5	4	4	5 5	6	4 5	4 5
	10000ppm	0	0	0	0	0	0		2		-	5]			
	20000ppm	5	5	3	4	4	4	1 4	2 4	2 5	1 5	5	2 5	2 5	2 5
NOSE	Can+n-1	0	0	0	^	^	•	^	^	^	•	_	•	•	
	Control 5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm 10000ppm	0	0	0		0	0	0	0	0	0	0	-	0	0
	20000ppm	0	0	0	0	0 0	0 0	0 0	0	0 0	0 0	0 0	0 0	0 0	0
:VII		_	•	•		_		_				_			
EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	C	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]

REPORT TYPE : A1 104

SEY : MAIR

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

77.2.2 1 2			 					
Clinical sign	Group Name	Admin 99-7	istration N 100-7	Week-day _ 101-7	102-7	103-7	104-7	
ROG BELLY	Control	0	0	0	0	0	0	
NOO BEEE!	5000ppm	0	0	0	0	0	0	
	mqq00001	Ó	0	0	0	0	0	
	20000ррш	0	0	0	0	0	0	
TI DD DEDT COLUMN								
DILED PERI-GENITALIA	Control	0	0	0	0	0	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	
KOPHTHALMOS	Control	0	0	0	0	0	0	
	5000ppm	1	1	1	1	1	1	
	10000ppm	ō	0	0	ì	i	1	
	20000ppm	ů	0	0	1	1	1	
	Боообры	•	·	Ů	•	•	*	
JM	Control	0	0	0	0	0	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	1	
	20000ppm	0	0	0	0	0	0	
XTERNAL MASS	Control	0	0	1				
TEMINE MOS	5000ppm	2	2	1 2	2 2	2	1	
	10000ррш	0				2	2	
		0	0 2	1	i	1	1	
	20000թբm	Ų	Z	1	1	1	2	
ITERNAL MASS	Control	3	5	5	5	4	8	
	5000ppm	3	5	4	3	4	7	
	10000ppm	1	1	ī	1	1	5	
	20000ppm	5	5	4	4	4	6	
NOSE	Control	0	0	0	0	0	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	
EYE	Control	0	0	0	1	1	1	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0				
	20000ppm	0	0	0	0 0	0	0	
	20000ppm	U	U	U	U	U	1	
BREAST	Control	0	0	1	1	1	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	1	0	0	0	0	

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

SEX : MALE

Clinical sign	Group Name	Adminia	stration We	ek-day											
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
ADDOMES:	0	4	0		•	•					•				
. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERICR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	. 0	0	0	0	0	0	0	Ô	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HINDLIMB	C41	0	0	0	0	0	^	•	•	•	•		•	0	^
THE CHAIN THE	Control	0	0	0	0	0	0	0	0	0	0	0	0	. 0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ррш	0	0	0	Ō	Ö	0	Ö	0	Õ	0	ō	Ö	Ö	0
	10000ppm	ū	0	Ö	ō	Ō	0	Ŏ	Ö	ő	Ō	Õ	Ö	ő	0
	20000թթա	0	0	0	0	0	0	0	0	ō	0	ō	0	0	0
EMIA	Ct1	0	0	0		0	•		•		•				•
ACMITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	Ō	0	Ō	0	Ō	0	0	0
RUSTA	Control	0	0	0	0	0	0	c	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0 0	0 0	0 0	0	0	0 0	0
	10000ррш	0	0		0			-				0			
				0		0	0	0	0	0	0	-	0	0	0
	20000ррш	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Administration Week-day													
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
• DEOMEN										•	٥				0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000pm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	. 0	0	0	U	U
M. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	Ó	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	Ō	0	0	0	0	0	0	. 0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Õ	0	0	Ö	Ö	Ö	Ö	0	ŏ	ŏ	Ö	Ō	Ö	Ō
	10000ppm	Ö	0	0	Ö	ő	Ö	0	Ö	Ö	Ö	Õ	0	0	0
	20000ppm	0	ő	0	ő	ő	Ů	ő	ő	ō	ő	ő	0	Õ	0
A. TAIL	Control	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
	5000ppm	Ö	0	0	Ö	Ö	Ö	Ö	Ö	Ŏ	Ŏ	0	0	0	0
	10000ppm	Ö	0	0	Ö	Ő	0	0	ő	Ö	ŏ	Ö	0	Ö	0
	20000րթա	ō	ő	Ö	Ö	ő	0	Ö	Ö	Ö	Ö	Ō	0	0	0
NEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LINETTI	5000ppm	Ô	Ŏ	0	0	0	0	Ô	0	0	ő	ŏ	Ö	Õ	Õ
	10000pm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	Ö	0	0	0
ROSION	Cartural	n	0	0	0	0	0	0	0	0	0	0	0	0	0
CHOSTON	Control	0		0	0			0	0		0	0	0	. 0	0
	5000ppm	0	0			0	0			0		0	0	0	0
	10000թթա 20000թթա	0	0 0	0	0	0	0								
otlera			•	0	^	0		•		0	•	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	•
	10000ррш	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	i

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

ALL ANIMALS

CLINICAL OBSERVATION (SUMMARY)

REPORT TYPE : A1 104

SEX : MALE

Clinical sign	Group Name	Administration Week-day													
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ANTERIOR, DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթտ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	U	U
M. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	. 0	0
	10000ppm	0	0	0	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0	. 0	0
	20000ppm	0	0	0	U	U	U	U	U	U	U	v	U	U	
. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000րրա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0 0	0 0	0 0	0 0	0 0	0	0 0
	20000րբա	0	0	0	0	0	0	0	U	υ	U	U	U	U	U
NEMIA	Control	0	0	0	0	0	0	0	0	0	0 0	0 0	0	0	0 0
	5000ppm	0	0 0	0	0 0	0	0	0 0	0	0 0	0	0	0	0	0
	10000թթտ 20000թթտ	0 0	0	0 0	0	0 0	0 0	0	0	0	0	0	0	0	0
ROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENOTON	5000ppm	0	ő	0	0	0	0	0	0	Ö	Ö	Ö	Ö	ŏ	Ō
	10000ppm	0	Ö	0	0	Õ	0	0	0	ő	0	Ö	ŏ	Ö	Ō
	20000ppm	ō	0	0	ő	0	ő	ō	ő	Ô	ō	Õ	Ö	Ô	ō
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	D	0	0	0	0	0	0	Ū	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	1	1	1	1	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

linical sign	Group Name	Admini	stration W	eek-day											
	oroup name	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
ABDOMEN	Control	С	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Q Q	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	o O	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAIL	Control	0	0	0	. 0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 թ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000թթm 20000թթm	0	0	0 0	0	0 0	0	0							
						Ü	v	v	Ū	Ū	U	٧	·	Ü	U
SION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

ALL ANIMALS

REPORT TYPE: A1 104

SEX : MALE

linical sign	Group Name	Admin	istration W	eek-day											
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIDO ILI	5000ppm	0	0	0	0	0	0	0	0	0	ů	Õ	Õ	Ō	0
	mqq00001	0	Ŏ	0	0	Ö	Ŏ	ő	0	Ŏ	0	0	0	0	0
	20000ppm	0	ő	Ö	ō	0	0	0	0	0	0	0	0	0	0
ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0
IINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	, 0	0	0	0	0	0	0	0	0	0	0	0	0
GENITALIA	Control	0	0	0	0	0	0	0	0	0 0	0 0	0 0	0	0	0
	5000ppm	0	0	0	0	0	0	0							0
	10000ppm	0	0	0	0	0	0	0	0 0	0 0	0 0	0	0	0	0
	20000թբm	0	0	0	0	0	0	0	U	υ	U	U	U	U	U
TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ррш	0	0	0	0	0	0	0	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0
	20000րրա	0	0	0	0	0	0	0	0	0	0	0	0	U	U
EMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm 20000ppm	0	0 0	0 0	0 0	0 0	0	0 0	0						
OSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
001011	5000ppm	0	0	0	0	0	0	0	0	0	Ö	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	Ö	0	Ő	Ö	Ö	ŏ	0
	20000թթտ	0	0	0	o	0	Ö	Ö	0	ő	ő	Ö	Ö	0	0
USTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ô	0	0	ō	Ō	ō	0	0	0	0	0	0	0	0
	10000ррш	0	0	Ö	ō	Ö	ō	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RTICOLLIS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5000ppm	Ö	Ō	Ö	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO.: 0498
ANIMAL: MOUSE BGD2F1/Crlj[Crj:BDF1]
REPORT TYPE: A1 104

SEX : MALE

Clinical sign	Group Name		istration W												
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. ADDOREM	5000ppm	0	0	0	0	0	0 0	0 0	0 0	0 0	0	0 0	0 0	0 0	1
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	o	0	0	0	0	0	0	0	0	0	0
ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0
TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	1	i	1	1	1	1
	10000pm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րբա	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0
NEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0
	10000ppm 20000ppm	0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0	0 0	0 0	0 0
POS TON			•	•						-		-			
ROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RTICOLLIS	Control	1	1	1	1	1	1	1	1	1	1	1	1	t	1
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

SEX : MALE

linical sign	Group Name	Admini	stration W	leek-day											
· · · · · · · · · · · · · · · · · · ·		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	1	1	1	1	1	1	. 0	0	0	0	0	0	0	0
	10000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	1	1	1	1	1	1	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	1	1	1	1	1	1	i	1	1	0	0	0	0	0
	10000ppm	Õ	Õ	0	0	0	Ō	ō	ō	ō	Ö	0	0	0	0
	20000ppm	0	0	0	0	0	0	Ō	0	0	0	0	0	0	0
. GENITALIA	Control	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ô	0	0	0	Ö	0	Ö	Ö	Ö	ő	Ö	ŏ	Ō	ō
	10000ppm	0	Ö	0	0	0	0	0	0	0	Ö	0	0	Ö	ő
	20000ppm	Ö	Ö	0	Ö	ő	0	ō	0	Ö	Ö	ő	Ö	Ö	0
TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թրա	1	2	2	2	1	1	i	1	1	i	1	1	. 2	2
	10000ррш	0	. 0	Õ	0	0	0	0	0	0	0	0	0	0	0
	20000րբա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րրա	U	U	U	U	U	U	U	U	U	U	U	Ů	U	U
NEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000рры	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSION	Control	1	0	1	1	2	2	2	2	2	2	2	2	2	2
	5000ppm	0	0	0	1	1	1	1	1	1	1	1	2	2	2
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUSTA	Control	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	5000ppm	0	1	1	1	1	1	1	1	1	1	1	3	3	3
	10000ppm	0	ō	Ō	0	Ō	ō	ō	Õ	Õ	ō	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RTICOLLIS	Control	i	1	1	1	1	1	1	1	1	1	1	1	1	1
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	ô
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	ŏ
	20000ppm	0	0	0	0	0	0	1	1	1	0	0	0	0	0
	20000քին	U	U	U	U	υ	v	1	1	r	U	v	U	v	v

STUDY NO.: 0498
ANIMAL: MOUSE B6D2F1/Crl,j[Cr.j:BDF1]
REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

Clinical sign	Group Name		istration	Week-day _		····		
		99-7	100-7	101-7	102-7	103-7	104-7	
					-			
M. ABDOMEN	Control	0	0	0	0	0	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	. 0	
	20000ррт	0	0	0	0	0	0	
M. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	
	5000ppm	Ö	0	0	0	0	0	
	10000ppm	ō	Õ	Ö	0	o O	Ö	
	20000ррт	0	1	1	1	1	1	
M. HINDLIMB	Control	0	0	0	0	0	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	
M. GENITALIA	C-, 4. 1	۸	^	•	0	^	•	
M. ODMITALIA	Control 5000ppm	0	0 0	0 0	0 0	0 0	0 0	
	10000ppm	0	0	1	1	1	1	
	20000ppm	0	0	0	0	0	0	
	a cooppm	•	•	·	•	v	•	
M. TAIL	Control	0	0	0	0	0	0	
	5000ppm	2	2	2	2	2	2	
	10000ppm	0	0	0	0	0	0	
	20000րթա	0	0	0	0	0	0	
ANEMIA	C-r +- 1	0	0	0	•	•		
MARWITA	Control	0	0	0	0	0	0	
	5000ррm 10000ррm	0 0	0 0	0 0	0 0	0	0	
	20000ppm 20000ppm	0	0	0	0	0 0	1 0	
	20000րիա	U	U	U	U	U	U	
EROSION	Control	2	2	2	2	2	2	
	5000ppm	ō	0	0	0	0	0	
	10000ppm	Ō	0	Ŏ	0	Ö	Ö	
	20000ppm	0	0	0	0	0	0	
CRUSTA	Control	1	1	2	2	1	1	
	5000ppm	1	1	0	0.	0	0	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	
TORTICOLLIS	Control	1	1	1	1	1	0	
10VITOODDID	5000ppm	1 0	0	1 0	1 0	1 0	0	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	Ő	
		-	-	•	•	ŭ	*	

SEX : MALE

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

111B · M. 101

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															17101 - 20
Clinical sign	Group Name	Admini	stration W	eek-day _											
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	Ó
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	. 0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	3	0	0	0	0	0	0	0	1	0	0	0	0	1
OLIGO-STOOL	Control	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	10000թթա	i	1	0	0	0	0	0	0	0	0	0	0	0	1
	20000ppm	2	0	0	0	0	0	0	1	0	1	1	1	1	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	50	50	50	50	50	49	49	50	50	50	50	50	50	50
	5000ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	49
	10000ppm	49	49	50	50	50	49	49	50	50	50	50	50	50	19
	20000ppm	47	50	50	50	50	49	50	49	49	49	49	49	49	19

(HAN190)

CLINICAL OBSERVATION (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1] ALL ANIMALS

REPORT TYPE : A1 104

SEX : MALE

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Clinical sign	Group Name	Admini	stration W	eek-day _									···-		
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
IRREGULAR BREATHING	M 11	0	•				•						•	0	0
IRREGULAR DREATHING	Control 5000ppm	0 0	0	0 0	0 0	0	0 0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200000000000000000000000000000000000000	v	U	U	U	v	U	U	U	U	U	U	U	U	v
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	1	1	1	1	0	0	Ō	0
	10000pm	0	0	0	0	0	0	0	ō	0	0	0	0	0	0
	20000ppm	Ô	0	Ô	0	0	0	0	0	0	1	Ô	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	1	1	0	0	0	0
	10000ppm	0	0	0	0	0	0	1	0	0	. 0	0	0	0	0
	20000ppm	1	0	1	1	1	1	1	1	0	1	1	1	1	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	Õ	Ö	0	Ö	Ō	Ö	Ö	Ö	0	Ö	Ō	Ō
	10000pm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	49	49	48	48	48	48	48	48	48	48	48	48	48	48
	5000ppm	49	49	49	49	49	49	48	49	49	49	48	48	48	48
	mqq00001	50	50	50	50	50	50	49	50	50	50	50	50	50	50
	20000թթա	19	50	49	49	49	49	49	48	48	47	48	46	46	46

(HAN190)

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

SEX : MALE

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SEX · MALE															1701 . 21
Clinical sign	Group Name	Admini	istration V	Veek-day _											
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
1RREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ō	Õ	Ö	ō	ő	Ö	ō	Ō	ō	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0 .	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	2	1	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	48	48	48	48	48	48	48	48	48	48	48	48	48	48
	5000ppm	48	48	48	48	48	48	48	48	48	48	48	48	48	49
	10000ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	20000ppm	46	47	47	47	47	47	47	47	47	47	47	47	47	46
															

(HAN190)

CLINICAL OBSERVATION (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Admini	stration W	leek-day _											
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	. 0	0	0	0
	5000ppm	Ō	Ô	Ö	Ō	0	0	ō	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррш	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթա	0	0	0	0	0	0	0	0	0	0	1	1	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	. 0	1	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	1	0	0	0	0	0	1	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ION REMARKABLE	Control	48	48	48	47	47	47	47	47	47	47	46	46	48	48
	5000րբա	49	49	49	49	49	49	49	49	49	49	49	49	49	49
	10000թթա	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	20000թթա	46	46	45	44	45	45	45	45	45	44	44	44	45	46

(HAN190)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

PAGE: 29

DEA . MINDE															•
Clinical sign	Group Name	Admin	istration V	Veek-day _											
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
•	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000pm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	I
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	47	47	47	47	47	47	47	47	46	44	44	43	43	42
	5000րթա	49	49	49	49	49	49	49	49	49	49	49	48	48	48
	10000ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	20000բբա	46	46	46	46	46	45	45	45	45	44	44	44	43	43

(HAN190)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

PAGE: 30

Clinical sign	Group Name	Admini	istration V	leek-day _											
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
RREGULAR BREATHING	Control	0	0	0	1	1	1	1	0	0	0	0	0	0	0
	5000ppm	0	0	0	ō	0	0	Ō	Ö	0	0	0	0	i	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	20000ppm	0	0	0	0	0	0	0	0	0 .	0	0	1	0	0
ALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5000ppm	0	0	0	0	0	1	0	0	0	0	0	1	1	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	20000ppm	I	0	0	0	0	1	1	0	0	0	0	0	0	0
IGO-STOOL	Control	0	1	1	1	1	2	2	0	0	0	0	1	0	1
	5000ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	0
	10000ppm	0	0	0	0	0	0	0	. 0	0	0	0	2	1	0
	20000ppm	1	0	1	1	1	2	1	0	0	1	0	1	0	0
IBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	I	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N REMARKABLE	Control	41	41	41	40	41	40	39	37	37	37	37	36	36	35
	5000րբա	48	48	48	48	48	47	48	48	46	45	45	43	41	38
	10000թթա	50	50	50	50	50	49	49	49	49	50	49	47	48	48
	20000րբա	43	43	43	43	43	42	43	44	43	42	43	42	42	41

(HAN190)

STUDY NO.: 0498
ANIMAL: MOUSE BGD2F1/Crlj[Crj:BDF1]
REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

SEX : MALE

PAGE: 31

Clinical sign	Group Name	Admini	stration W	leek-day _									<u>-</u>		
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
RREGULAR BREATHING	Control	1	1	0	0	1	0	0	0	0	0	0	0	0	0
	5000ppm	0	1	2	2	2	2	2	2	2	2	2	2	2	2
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	1	1	1	1	2	1	1	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	20000ppm	0	1	0	0	0	0	0	0	0	1	1	0	0	0
DLIGO-STOOL	Control	0	2	0	0	1	0	0	0	0	0	0	0	0	0
	5000ppm	0	2	2	2	2	1	1	1	2	2	0	0	0	1
	10000ppm	0	0	0	1	1	1	0	0	0	1	0	0	1	0
	20000ppm	1	3	0	0	0	1	0	2	2	1	1	1 :	0	1
UBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	.0	0	0
	5000րթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ION REMARKABLE	Control	35	34	35	34	32	32	32	32	32	31	31	31	32	32
	5000թբա	40	37	37	37	37	35	35	34	35	34	35	34	34	32
	L0000ppm	48	47	46	45	45	44	45	44	44	43	44	42	41	41
	20000ppm	39	38	41	40	40	38	38	37	36	35	35	36	37	37

(HAN190)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

PAGE: 32

Clinical sign	Group Name	Admin	istration	Week-day _			
		99-7	100-7	101-7	102-7	103-7	104-7
IRREGULAR BREATHING	Control	0	0	0	0	0	0
	5000ppm	1	1	0	0	0	1
	mqq00001	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0
	5000ррт	0	0	0	0	1	2 2
	mqq00001	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0
OI TAO CTOOL		•					•
OLIGO-STOOL	Control	0	0	0	1	1	0
	5000ppm	0	0	0	2	0	1
	10000ppm	0	0	0	1	2 0	3
	20000ppm	0	0	1	1	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0
	5000ppm	ō	Õ	0	Õ	0	Ō
	10000ppm	0	Ō	0	Ö	Õ	0
	20000ppm	ŏ	0	Ö	Ŏ	ŏ	Ö
	Воссорры	·	·	v	•	v	v
NON REMARKABLE	Control	33	31	30	29	29	25
	5000ppm	32	29	29	28	28	25
	10000pm	41	41	40	38	37	33
	20000ppm	37	35	35	33	35	33
	••						

(HAN190)

APPENDIX B 2

CLINICAL OBSERVATION: FEMALE

CLINICAL OBSERVATION (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

ALL ANIMALS

REPORT TYPE: A1 104

SEX : FEMALE

Clinical sign	Group Name	Adminis	stration W	ek-day											
		1-7	2-7	3-7	4 -7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
EATII	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24111	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	Ö	ŏ
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	Ö	0
	20000ррт	0	0	ō	ő	Ö	ŏ	ŏ	ō	ő	ŏ	ō	0	ō	0
DRIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0
INCLIBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000րբա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 բթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0 0	0 0	0 0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	-	-	
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

linical sign	Group Name	Admini	stration P	leek-day											
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
ЗАТИ	Control	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
	5000ppm	0	Ö	0	0	0	0	0	0	Ö	0	0	0	0	ŏ
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	Ô	0	0
	20000ppm	ő	0	ő	ő	Ö	ő	ō	0	ő	ŏ	ő	Ö	Ō	0
RIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թբա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000թթա 20000թթա	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0 0	0	0 0	0
NORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIII OMII	5000ppm	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րբա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ö	0	Ö	0	Ö	Ö	o o	Ö	Ö	ő	Ō	0	Ö	0
	10000ррш	Ö	0	0	0	0	0	0	Ö	0	0	ŏ	Ö	Ö	Ö
	20000ppm	Ŏ	Ö	Ō	Õ	ō	ō	0	Ö	ō	ő	ō	0	0	0
LOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	Ō	0	0	Ō	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

ALL ANIMALS

SEX : FEMALE

linical sign	Group Name	Admini	stration We	ok-day											
Time of the contract of the co	ordap mame	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
TATII	0.4.1	0	0			٥	•								
SAIII	Control	0	0	0	0	0	0	0	0	0	0	1	I .	1	2
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	L	1	1
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
COMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	Ö	0	0	0	0	ő	Ö	0
	10000ppm	0	0	0	Õ	Ö	0	0	0	0	0	0	0	0	0
	20000ppm	ō	0	0	0	0	0	Ö	0	0	o	ő	0	ō	0
NCIIBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ö	0	0	0	0	Ö	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TATING	C1	0	0	•	•	•	^	•	•	•		•		0	^
TRITING	Control 5000ppm	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0
			-	-			-	•	0	-	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	1	1	1	1	1	i	1	1	1	1	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	Ō	0	0
	20000ppm	ō	ō	Ö	0	Ö	Ö	Ö	Ö	Ö	ő	ő	ő	ő	0
STING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
										-	-		-	-	-
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթտ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OERECTION	Control	0	1	1	1	1	1	1	1	1	1	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

linical sign	Group Name	Admini	stration P	leek-dav											
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
<u>:</u> ATH	Control	2	2	3	3	3	3	3	3	3	3	3	3	3	3
Битп	5000ppm	0	0	0	0	0	0	0	0	0	0	0	ı	i	2
	10000ррт	1	1	1	1	1	ı	1	1	1	1	1	ī	1	1
	20000ppm	0	0	0	Ô	1	2	2	2	2	2	2	3	3	3
DRIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0 .	0	1	1	1	1	1
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
NCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րբա	0	0	0	0	0	1	i	1	1	1	1	1	0	0
LLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	20000րթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	10000ppm	1	1	1	0	0	0	0	0	1	0	0	0	0	0
	20000ppm	0	2	2	3	2	1	2	1	1	1	1	1	1	1

CLINICAL OBSERVATION (SUMMARY)

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Cr.j:BDF1]

ALL ANIMALS

REPORT TYPE : A1 104

SEX : FEMALE

Clinical sign	Group Name	Admin	istration W	leek-day _											
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
:ATNI			9		0								,		,
eath	Control	3	3 2	3	3	3	3	3	3	4	4	4	4	4	4 2
	5000ppm	2		2	2	2	2	2	2	2	2	2	2	2	
	10000ppm	1	i	1	1	1	1	1	1	1	1	I	1	1	1
	20000ppm	3	3	3	3	3	3	4	4	4	4	4	4	4	4
RIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	20000ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
COMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	1	1	1	1	0	0	0	0	0	0	0	0
TATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	1	1	1	1	1	1	l	0	0	0	0	0
DLLING	Control	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	5000ppm	Ŏ	0	Ö	0	Ö	0	Ö	0	Ď	Ô	Ô	Ô	Ō	Ô
	10000ppm	Ö	0	0	0	0	Ŏ	0	0	0	Ö	0	0	0	0
	20000ppm	Ö	ō	ő	ő	0	0	Ö	0	0	0	ő	Ö	Ö	0
BNORMAL GAIT	Control	0	0	0	0	٥	0	0	0	0	0	0	0	0	0
MARINE ONLI	5000ppm	0	0	0	0	0 0	0	0 0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm 20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STING	Contu-1	0	0	0	•	•	٨	0	^	0	^	^	^	^	0
מוווט	Control	0			0	0	0	0	0	0	0	0	0 .	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000pm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	1	1	1	1	1	1	Ĺ	0	0	0	0	0
LOERECTION	Control	0	0	0	0	0	1	1	1	Ĺ	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	1	1	1	1	1	2	1	1	Ĺ	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

SEX : FEMALE

JEA - PEMAGE															
Clinical sign	Group Name	Admini	stration W	eek-day _											
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
EATII	Control	4	4	5	6	6	6	6	6	6	6	6	7	8	10
	5000ppm	2	2	2	2	2	2	2	2	2	2	2	2	3	3
	10000ppm	i	í	ĭ	i	1	ĺ	2	4	4	4	4	5	5	5
	20000ppm	4	4	4	4	4	4	5	5	5	5	5	6	6	6
DRIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	10000ppm	1	1	1	i	1	1	1	1	1	1	1	1	1	2
	20000ppm	1	1	1	1	i	1	1	1	1	1	1	I	1	1
COMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թբա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DLLING	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ррт 20000ррт	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0 0	0 0	0	0 0	0 0	0 0
BNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WIND ONE I	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	ő	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ö	ő	Ŏ	0	0	0	Ö	0	Ö	Ö	0	ŏ	Ö	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	Ö	0
	20000ppm	Ö	Ö	0	ő	ő	0	0	0	0	ő	ő	ő	0	ő
LOERECTION	Control	1	ı	2	1	1	0	0	0	0	0	0	0	1	1
	5000ppm	Ô	õ	Õ	ô	Ô	ő	ő	ŏ	Ŏ	ő	0	ŏ	Ô	Ô
	10000ppm	Ö	0	Ö	Ö	0	0	i	0	0	ő	0	0	0	0
	20000ppm	Ō	Ö	Ö	1	1	1	Ô	i	1	i	1	Ö	0	0

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

Clinical sign	Group Name	Admini	stration W	ook-day											
Tinical Sign	огоор наше	85-7	86-7	eek-day <u> </u>	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
						***			 -						_
:ATH	Control	11	11	11	13	13	13	13	15	16	17	19	20	20	21
	5000ppm	4	4	4	4	5	5	7	7	9	10	10	10	12	12
	10000ppm	5	5	5	5	7	7	7	8	8	8	9	10	11	12
	20000ppm	6	6	7	8	8	9	9	10	10	11	11	11	11	11
RIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10000ppm	2	2	2	2	2	2	2	2	2	2	3	3	3	3
	20000ppm	1	1	1	1	1	1	1	1	1	1	1	ī	1	2
DOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	. 0	0	0	0	0	1	1	1	1	1	1	1
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0′	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOERECTION	Control	0	0	0	0	0	0	0	0	0	0	2	1	1	2
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	20000ppm	0	0	0	0	0	0	0	0	0	1	1	1	2	1

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

SEX : FEMALE

linical sign	Group Name	Admini	stration \	Week-day				
		99-7	100-7	101-7	102-7	103-7	104-7	
ЕЛТІІ	Control	21	22	24	24	24	25	
	5000ppm	12	12	12	13	14	15	
	10000ppm	12	12	12	14	14	15	
	20000ppm	11	11	12	13	14	14	
DRIBUND SACRIFICE	Control	1	1	1	1	1	1	
	5000ppm	î	î	î	î	1	1	
	10000ppm	3	3	3	3	3	3	
			3 2		2			
	20000ppm	2	2	2	2	2	2	
COMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	
NCIBACK POSITION	Control	0	0	0	0	1	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	1	1	0	1	1	
	20000ppm	0	0	0	0	0	0	
TATING	Control	0	0	0	0	0	0	
	5000ppm	1	i	1	1	1	0	
	10000ррт	0	0	0	0	0	0	
	20000ррт	0	0	0	0	0	0	
LLING	Control	0	0	0	0	0	0	
	5000ppm	ō	ō	Ō	ō	0	ŏ	
	10000ppm	0	0	ō	ō	0	Ö	
	20000ppm	0	0	0	ő	ő	0	
NORMAL GAIT	Control	0	0	0	0	0	0	
	5000ppm	Ö	Ô	Ď	ő	ő	ŏ	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	
STING	Control	0	0	0	0	0	0	
21110								
	5000ppm	. 0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	
OERECTION	Control	2	1	1	1	1	0	
	5000ppm	0	0	1	0	1	0	
	10000ppm	1	2	2	0	2	2	
	20000ppm	1	1	1	1	0	0	

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

SEX : FEMALE

Clinical sign	Group Name	Adminis	tration W	eek-dav											
		1-7	2-7	3-7	4-7	5-7	6-7	7–7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
DOG DELLA				_											
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
KOPIITIIALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
,	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
•	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
М	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000pm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թ.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ррт	0	0	0	0	0	0	ō	0	ō	ō	ō	Ō	0	0
	10000ppm	0	0	0	0	0	0	i	1	ı	i	0	0	. 0	ō
	20000ppm	0	0	0	0	0	0	ō	Ô	Ō	ō	0	0	ō	0
EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	ō	Ō	Ö	0	0	0	0	Ö
	10000ppm	0	0	0	0	0	Ö	õ	0	Ö	0	0	0	0	0
	20000ppm	Ö	ő	Ö	Ö	Ö	0	0	0	0	0	0	0	0	0
PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ö	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ррш	Ö	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррш	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODAT CANTON												_		-	-
ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

linical sign	Group Name	Admini	stration W	eek-day											
	Oroto Name	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
OG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000Оррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OPIITIIALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	Ō	Ö	0	Ö	Ö	Ö	0	0	0	0
	10000ppm	ō	0	ō	0	ō	0	Ö	0	Ü	Ö	0	Ü	Ō	0
	20000ppm	ō	Ō	ō	0	0	0	ō	0	0	0	0	0	0	0
DM.	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ö	Õ	ŏ	Ö	ŏ	Ö	Ŏ	0	Ö	Ö	ő	Ö	Ö	0
	10000ppm	ō	Ö	Ŏ	0	ŏ	Ö	0	Ö	Õ	Ö	0	Ö	0	0
	20000ppm	ō	0	0	0	0	Ö	0	0	0	0	Ö	0	0	0
TERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	o o	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000pm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թա	Ö	0	0	0	0	0	0	0	0	0	0	0	0	0
TERNAL MASS	01	•	,	,									,		
HERMAN WASS	Control	1	1	1	1	1	1	1	1	1	1	1	l	1	1
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERI-MOUTII	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	ō	Ö	0	Ö	ō	Ö	0	0	Ō	0
	10000ppm	Ō	Ö	Õ	0	ŏ	Ö	0	0	ő	Ö	0	0	ō	Ö
	20000ppm	0	Ö	Ö	o	ō	Ö	ŏ	0	ō	Ö	0	0	ō	Õ
DRAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OII. III	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

linical sign	Group Name	Admini	stration	Week-day _											
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
OOG DELLY			_					_	_						
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0 0	0 0	0	0	0 0	D D	0	0	0	0 0	0
	20000ppm	U	U	U	U	U	U	U	U	J	U	υ	U	U	U
DILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	D	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000pm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րթա	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TERNAL MASS	Control	1	1	1	1	1	1	1	1	1	1	0	0	0	0
	5000ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	10000ppm	1	1	1	1	1	1	1	1	1	1	i	2	2	2
	20000ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	Ō	0	0	Ö	0	Ö	0	0	ō	0	ō	0
	10000ppm	0	Ö	Ö	Ö	0	0	Ō	ō	0	o o	0	0	Ö	0
	20000ppm	0	0	0	ō	ō	ō	ō	ō	Ď	ō	0	0	0	0
PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	Ö	Ö	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODAL CANTEN	0 - 1	•	•	•	•	•		•		•		•	•	•	^
DRAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0498
ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

Clinical sign	Group Name	Admini	stration W				·								
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
chod next w		•			•	•			•		•	•	•		0
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	. 0	0
	5000ppm	0	0	0	0	0	0	1	1	1	1	2	1	1	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррш	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
XOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	Ŏ	Ŏ	Õ	Ö	Ö	0	ŏ	Õ	Õ	0	0
	10000ppm	ő	0	0	0	0	0	0	0	0	0	Ö	ŏ	Ö	0
	20000ppm	0	0	Ö	0	0	0	0	0	0	0	ő	ŏ	0	Ö
XTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATEMATIS NATION	5000րթա	0	0	0	0	0	0	0	0	0	0	ő	0	ő	Ö
	10000ррш	0	0	0	0	0	0	0	0	0	0	Ő	0	Ö	ő
	20000թթա	1	1	1	1	0	0	0	0	0	0	Ő	ő	0	0
	20000ppiii	1	•	1	•	U	v	v	U	U	Ü	v	v	v	Ū
NTERNAL MASS	Control	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	5000ppm	1	1	1	1	1	2	2	2	2	1	1	0	0	0
	10000ррт	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	20000ppm	1	i	i	1	1	0	0	0	0	0	0	0	1	i
EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	Ö	0	0	0	0
	10000ppm	Õ	0	Ö	0	0	0	Ö	0	0	Ö	0	Ö	Ö	0
	20000ррт	Ō	ő	0	0	Õ	ő	ő	ŏ	Ö	Ö	Ö	0	ő	Ŏ
ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VILLE VIII I	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Zoooppm	U	U	U	U	U	U	U	U	U	U	U	U	U	U

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

SEX : FEMALE

Clinical sign	Group Name	Admini	stration W	'eek-day											
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ö	Ö	ő	Ö	Ö	Ö	Ö	Ö	ő	ō	0	Ō	ō	0
	10000ppm	ō	Ö	Ō	0	0	0	Ö	0	0	0	0	0	0	0
	20000ppm	0	0	0	Ō	0	0	0	0	0	0	0	0	0	0
OILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
XOPIITIIALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթտ	0	0	0	0	0	0	0	0	0	0	0	1	1	1
UM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0
	10000թpm 20000թpm	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
XTERNAL MASS	Control	0	0	0	0	0	•	0	0	0	0	0	0	0	0
ATEMAL BIASS	5000ppm	0	i	1	1	0 1	0 1	l L	1	1	1	ı	1	1	1
	10000pm	0	0	0	0	-		0	0	0	_	0	0	0	0
	20000ppm 20000ppm	0	0	0	0	0 0	0 0	0	0	0	0 0	0	0	0	0
	20000ppiii	U	U	U	U	U	U	U	U	U	U	U	U	U	U
NTERNAL MASS	Control	1	1	1	1	1	1	1	1	0	0	0	0	1	1
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	2	2	2	2	2	2	i	i	1	1	1	i	1	1
	20000ppm	1	1	1	1	1	1	0	0	0	0	0	0	0	0
. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. PERT-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թբա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	1	1	1	1	1	1	1	1	1	1	1	i	1
•	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crli[Crj:BDF1]
REPORT TYPE : A1 104

SEX : FEMALE

linical sign	Group Name	Admini	stration W	eek-day											
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
og besty									_						•
OG BELLY	Control	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0 .	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILED PERI-GENITALIA	Control	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	. 0	0	0	0	0	0	0	0	0	0	0
OPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5000ppm	0	0	0	Ō	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	Ō	0	0	0	0	ō	0	0	0	0
	20000ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
•	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TERNAL MASS	C+1	0	0	0	0	0	•		•	0	0	^	0	0	^
IDIUM UMDD	Control 5000ppm	ı	1	1	0	0	0	0	0	0	0	0	0	0	0
				-	1	1	1	l o	1	1	Į.	ŗ	į.	1	
	10000ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	20000րթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TERNAL MASS	Control	1	1	1	2	2	2	2	2	2	2	3	3	4	3
	5000ррт	1	0	2	2	2	2	3	4	4	3	3	5	5	5
	10000ppm	3	2	3	3	3	3	4	3	3	3	3	2	2	1
	20000ppm	0	0	1	1	1	1	0	1	2	1	1	2	2	2
EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	Ō	0	0	Ö	0
	10000ppm	0	0	0	0	Ō	Ŏ	0	0	Ö	Ö	Ö	0	Ö	Ö
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	ō	0
PERT-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq0001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	ő	0	0	0	0	0	0	0	0	0	0	0	0	0
DAI CAVITY	0.4.1	^	^	^	•	^	•	•	•	•	•	•	•	^	
DRAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	1	i	1	1	1	1	1	1	1	1	1	1	1	1
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

Clinical sign	Group Name	Admini	stration We	ek-dav											
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
ROG BELLY	Control	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
XOPHTIIALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
UM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
XTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	5000րթա	1	1	1	1	1	1	I	1	1	1	1	1	I	1
	mqq00001	1	1	1	1	1	1	1	1	2	2	1	1	1	1
	20000թթա	0	0	0	0	0	0	0	0	0	0	0	0	1	1
NTERNAL MASS	Control	4	6	6	4	5	5	5	5	4	6	5	4	4	4
	5000ррт	4	5	6	7	7	7	5	Б	1	4	6	6	4	5
	10000ppm	1	2	4	7	6	6	6	5	5	4	4	3	3	2
	20000ppm	3	3	2	2	3	3	3	2	2	1	1	1	1	2
ЕУЕ	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թթտ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
ORAL CAVITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

ALL ANIMALS

SEX : FEMALE

Clinical sign	Group Name	Admin	istration	Week-dav				
· v		99-7	100-7	101-7	102-7	103-7	104-7	
FROG BELLY	Control	0	0	0	0	0	0	
	5000ppm	0	0	1	1	1	0	
	10000ppm	0	Õ	ō	0	ō	ō	
	20000ppm	0	0	ő	ŏ	Ö	ő	
	oppu	•	·	-	-	•	•	
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0	0	i	1	
	20000ppm	0	0	0	0	ō	ō	
			•	-		-	-	
EXOPITHALMOS	Control	0	0	0	0	0	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	0	
	20000ppm	1	1	1	1	1	1	
GUM	Control	0	0	0	0	1	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	
	••							
EXTERNAL MASS	Control	1	0	0	0	0	0	
	5000թթա	2	3	5	5	4	4	
	10000ppm	1	1	1	1	1	1	
	20000ррт	1	Ī	i	2	2	2	
INTERNAL MASS	Control	5	5	4	4	6	5	
	5000ppm	6	6	-5	4	4	4	
	10000ppm	2	2	2	2	4	3	
	20000ppm	3	3	2	1	1	1	
				•	-	-	-	
M. EYE	Control	0	0	0	0	0	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	Ö	0	Ö	Ö	Ö	Ö	
	20000ppm	Ö	0	0	1	1	i	
	opp	-	-	-	-	-	-	
M. PERT-MOUTH	Control	0	0	0	0	0	0	
	5000ppm	0	Ö	0	0	Ö	ŏ	
	10000ppm	0	ő	0	0	0	0	
	20000ppm	1	1	1	1	1	1	
	2000оррш	•	•		•		1	
M. ORAL CAVITY	Control	0	0	0	0	0	0	
	5000ppm	1	i	í	i	1	Ŏ	
	10000ppm	ō	Ô	0	Ô	Ô	Ö	
	20000ppm	Ö	ŏ	0	0	0	0	
	Socooppii	•	v	v	v	v	v	

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

Crlj[Crj:BDF1]

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

SEX : FEMALE

Clinical sign	Group Name	Adminis	stration We	ek-day											
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOOK	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000pm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	o	0	0
BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0 .	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 mqq	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm 20000ppm	0 0	0	0 0											
ANTIC			-		-							-	-	-	
ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0
TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crli[Crj:BDF1]

REPORT TYPE: A1 104

SEX : FEMALE

Clinical sign	Group Name	Admini	stration W	eek-day											
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
NEGV									•	•		•		0	•
NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0
	5000ppm	0	0 -	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0 0	0 0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	U	U	U	U
. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	Ō	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ö	Õ	0	0	ŏ	ŏ	Õ	0	ŏ	Ö	Õ	Ö	Õ	0
	10000ppm	0	ő	Ö	0	Õ	õ	0	ő	ŏ	Ō	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1111002110	5000ppm	0	0	Ö	0	0	0	0	0	Ö	ů	0	Ö	Ö	0
	10000ppm	0	0	0	0	0	0	ő	0	0	Õ	ŏ	Ŏ	Ö	0
	20000թթա	0	0	0	0	0	0	Õ	ő	Ö	0	. 0	Ö	ő	0
CENTERT	0 . 1	•				•					0				0
. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	-	0	0	
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	U	U	U	U
ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	Ŏ	Ŏ	ŏ	0	ő	ŏ	ŏ	ŏ	Õ	ō	Ŏ	Ō	0	Ô
	10000ppm	0	0	0	0	Ö	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	Õ	Ö	Ŏ	0	Ŏ	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

ALL ANIMALS

REPORT TYPE : A1 104

SEX : FEMALE

Clinical sign	Group Name	Admini	stration W	eek-day _											
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0
	5000ppm	0	0	0	0	0	0	0	ō	ō	Ö	0	0	0	0
	10000pm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րթա	0	0	0	0	0	.0	0	0	0	0	0	0	0	0
GENI TALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TATL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ррш	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ЕМІА	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

SEX : FEMALE

Clinical sign	Group Name	Admini:	stration W	eek-day _											
	······································	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7 	56-7
NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOOK	5000ppm	0	0	0	0	0	0	0	0	o	0	0	0	Ö	ő
	10000ppm	0	0	0	Ö	0	Ö	ő	0	ő	Ö	0	0	Ö	0
	20000ррш	0	0	0	ő	0	ŏ	ő	0	Ö	ő	Ö	0	ő	0
BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IIINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	1	1	1	1	0	0	0	0	0	0	0	0	0	0
TEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	1	1	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

Clinical sign	Group Name	Admini	istration P	eek-day											
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIDON.	5000ppm	ő	0	0	0	0	0	0	Ö	0	0	0	0	Ö	Ö
	10000ppm	0	0	0	0	0	0	0	0	0	0	Ô	ō	ő	Ö
	20000ppm	0	ő	ő	ő	ő	ő	ő	ő	ō	ő	ō	0	ō	0
BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000թթm 20000թթm	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0 0	0 0	0	0 0	0 0	0
HINDLIMB		^	•	•		•	•	•	0	0	0	0	0	0	0
UTINDETMD	Control 5000ppm	0	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0	0	0	0
	5000ppm 10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000ppiii		U	U	U	U	U	U	U	U	U	U	U	U	
GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
anus	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթտ	0	0	0	0	0	0	0	0	0	0	0	0	0	U
EMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0			0	0	0	0	-	0	=	•	-	-	0
	10000ppm	0	0	0 0	0	0	0	0	0	0	0	0	0	0 0	0
	20000ppm	U	0	U	U	0	0	U	0	U	U	U	U	V	U

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

Clinical sign	Group Name	Admini	stration W	eek-day _											
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7 	79-7	80-7	81-7	82-7	83-7	84-7
NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THEOR	5000ppm	Ö	0	Ö	0	ő	Ö	0	0	0	ō	0	0	0	0
	10000ррт	0	0	0	0	0	0	0	0	1	1	i	i	1	1
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0 0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0
	10000ppm 20000ppm	0	0 0	0	0 0	0 0	0 0	0	0 0	0 0	0 0	0 0	0	0	0
	20000ppm	U	v	U	v	U	U								
POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0 0	0 0	0 0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0 0	0	0 0	0 0	0 0	0 0	0 0	0 0	0	0	0	0
	20000րթա	0	U	U	0	U	U	U	U	U	U	Ū	U	U	U
GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0		-	
	10000ppm	0	0	0	0	0	0	0	0	0 0	0 0	0	0 0	0 0	0
	20000ppm	0	0	0	0	0	0	0	0	U	U	U	U	U	U
EMIA	Control	0	0	0	0	0	0	0 0	0	0	0 0	0 0	0	0 0	0
	5000ppm	0	-	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0 0	0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0
	20000ррш	v	U	U	U	0	U	U	U	U	v	v	U	U	U

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX: FEMALE

Clinical sign	Group Name	4.5.2.2	4. 4. W	1. 1											
linical sign	Group Name	85-7	stration W 86-7	еек-аау _ 87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
													·		
NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	1	i	0	0	0	0
	20000ppm	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	5000րթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000pm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TATL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMIA	Control	0	0	1	0	0	0	0	0	0	0	1	0	0	1
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

STUDY NO. : 0498
ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

EA · FEMALE								
linical sign	Group Name	Admin	istration V	Veek-day _				
		99-7	100-7	101-7	102-7	103-7	104-7	
. NECK	Control	0	0	0	0	. 0	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	1	1	1	1	1	0	
	20000ppm	0	0	0	0	0	0	
BREAST	Control	0	0	0	0	0	0	
	5000ppm	0	1	1	1	0	1	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	
ABDOMEN	Control	0	0	0	0	0	0	
	5000ppm	Ö	0	1	1	1	1	
	10000ppm	ō	ō	0	0	0	ō	
	20000ppm	Õ	Ō	Ô	ō	ō	0	
POSTERIOR DORSUM	Control	0	0	0	0	0	0	
	5000ppm	1	1	1	1	1	1	
	10000ppm	Ô	0	Ô	ō	Ô	ō	
	20000ррт	0	ŏ	0	ŏ	ő	0	
HINDLIMB	Control	1	0	0	0	0	0	
	5000ppm	ō	0	0	0	0	0	
	10000ppm	0	0	0	ŏ	0	Ö	
	20000թթա	0	ō	0	ō	0	0	
GENITALIA	Control	0	0	0	0	0	0	
V2.11 711.521.	5000ppm	Ö	0	0	0	0	ŏ	
	10000ppm	0	0	0	Ô	0	1	
	20000թրա	0	0	0	0	0	0	
ANUS	Control	0	0	0	0	0	0	
	5000ppm	0	0	1	1	1	1	
	10000pm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	
TATL	Control	0	0	0	0	0	0	
D	5000ppm	0	0	0	0	0	0	
	mqq00001 mqq00001	0	0	0	0	0	0	
		0	0	0	0			
	20000թթտ	U	U	U	U	0	0	
EMIA	Control	0	0	0	0	0	0	
	5000ppm	0	0	0	0	0	0	
	10000ppm	0	0	0	0	0	0	
	20000ppm	0	0	0	0	0	0	

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crl;[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

SEX : FEMALE															PAGE :
Clinical sign	Group Name		istration W												
		1-7	2-7	3-7	4-7	5-7 	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррш	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000րթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000թթա	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	20000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	3	i	0	0	0	0	0	0	0	1	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	5000ppm	50	50	50	50	50	50	49	50	50	50	50	50	50	50
	10000ppm	50	50	50	50	50	50	49	49	49	49	50	50	49	50
		47	49									50	50	50	50
		50	50									50	50		49

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

SEX : FEMALE															PAGE : 5
Clinical sign	Group Name		stration W												
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000pm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ррш	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000բրա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OL1GO-STOOL	Control	0	0	0	0	0	0	1	1	1	1	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	20000ррт	0	0	0	0	0	1	1	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	49	49	19	49	49	49	19	49	49	49	49	49	49	49
	5000ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	10000ppm	50	50	49	49	49	49	49	48	48	49	49	49	48	48
	20000ppm	50	50	50	50	50	49	49	50	50	50	50	50	50	50

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

SEA · PEMALE															
Clinical sign	Group Name	Admini	stration V	Yeek-day _											
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
RUSTA	Control	0	0	٥	0	0	0	0	0	0	0	0	0	0	0
MOSIN	5000ppm	0	0	0	0 0	0 0	0	0	0 0	0 0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ррш	0	0	0	Ö	0	ő	ő	0	0	0	ő	ő	Ö	Ő
IEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0 1	0 0	0 0	0 0
	10000ppm 20000ppm	0 0	0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	0	0	0	0
RREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOODERN BIBITIES	5000ppm	ő	0	0	0	Ő	0	0	ő	0	0	0	Õ	0	Õ
	10000ppm	0	0	Ô	Ö	Ö	ŏ	Ö	0	Ö	Ö	0	Ö	Ö	0
	20000ppm	0	0	Ō	Ö	0	0	ō	0	0	ō	0	0	ō	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000րթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	20000բբա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ррш	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	10000ррт 20000ррт	1 0	1 0	1 0	1 0	1 0	1 0	1 0	2 0	2 0	1 0	1 0	0 0	0 0	0 0
UBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ODNOMIAL TEMP	Control 5000ppm	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թթտ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON REMARKABLE	Control	49	49	49	49	49	49	49	49	49	49	49	48	48	48
	5000ppm	50	50	50	50	50	49	49	49	49	48	49	49	49	19
	10000ppm	48	48	48	48	48	48	48	47	47	47	47	46	46	46
	20000ppm	50	50	50	50	50	49	49	49	49	49	49	49	49	48

CLINICAL OBSERVATION (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

ALL ANIMALS

SEX : FEMALE

Clinical sign	Group Name	Admini	stration V	leek-dav											
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	ō	0	Ö
	10000ppm	0	0	0	0	0	0	0	0	0	Ō	0	0	Ō	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0 .	0	0	0	0	0	1	2	2	2	2	2	2	2
RREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	1	1	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	20000ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
MALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000թթա	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000թքա	0	1	1	2	1	. 0	0	0	0	0	0	0	0	I
L1G0-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	10000ppm	1	1	1	1	1	2	1	1	ı	0	0	0	0	0
	20000ррт	0	0	0	1	0	0	1	1	0	0	0	0	0	0
UBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	ó	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON REMARKABLE	Control	48	48	47	47	47	47	47	46	46	46	46	46	46	46
	5000ppm	49	49	49	49	49	48	47	47	47	48	48	48	48	48
	10000ppm	45	45	45	46	46	45	46	46	45	46	46	46	46	46
	20000ppm	48	47	47	47	47	47	46	46	46	46	45	45	44	44

CLINICAL OBSERVATION (SUMMARY)

STUDY NO.: 0498
ANIMAL: MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE: A1 104

ALL ANIMALS

SEX : FEMALE

Group Name	Admini	stration W	/eek-day _											
	57-7 	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
								_	_				•	
														0
											-		-	0 0
											-		=	0
20000ppm	0	0	Ü	0	0	Ü	0	U	υ	U	U	U	U	U
Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000ppm	0	0	0	0	0	0		0			•	-	•	0
10000ppm	0	0	0	0	0	0	0	0	0	0	0			0
20000րբա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Control	0	0	0	0	0	0	0	0	0	1	1	1	t	1
5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20000ppm	2	2	2	2	2	2	2	2	2	1	1	1	1	1
Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20000թրա	1	0	0	0	0	1	0	0	0	0	0	0	0	0
Control	0	0	0	0	0	0	1	0	0	1	1	0	0	0
5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
20000ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Control	46	46	46	46	46	45	45	45	45	45	45	45	44	44
		47	47						47	47	47	47	47	47
													47	47
20000ppm	44	44	44	44	44	44	44	44	44	44	44	43	43	43
	Control 5000ppm 10000ppm 20000ppm 20000ppm 20000ppm 20000ppm 20000ppm 10000ppm 20000ppm 20000ppm 20000ppm 20000ppm 20000ppm 10000ppm 20000ppm 10000ppm 10000	Control 0 5000ppm 0 10000ppm 0 20000ppm 0 20000ppm 0 10000ppm 0 20000ppm 0 20000ppm 0 20000ppm 0 20000ppm 0 10000ppm 0 20000ppm 0 20000ppm 0 10000ppm 0 20000ppm 0 10000ppm 0 20000ppm 0 10000ppm 0 20000ppm 1 Control 0 5000ppm 0 10000ppm 0 20000ppm 1 Control 0 5000ppm 0 10000ppm 0 20000ppm 0 20000ppm 0 10000ppm 0 20000ppm 0 10000ppm 0 20000ppm 0 10000ppm 0 20000ppm 0 10000ppm 0 10000ppm 0 20000ppm 0 10000ppm 0	Соntrol 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S7-7 S8-7 S9-7	Control O O O O O O O O O	Соntrol 0 0 0 0 0 0 0 0 0 0 10000ppm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S7-7 S8-7 S9-7 60-7 61-7 62-7	Control 0	Control	Control 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Control O O O O O O O O O	Control	Control O O O O O O O O O	S7-7 S8-7 S9-7 60-7 61-7 62-7 63-7 64-7 65-7 66-7 67-7 68-7 69-7

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

REPORT TYPE : A1 104

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

SEX : FEMALE

OLA . I DHINDE															THOE .
Clinical sign	Group Name	Admin	istration W	Yeek-day _											
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
CHICTA	a		•	•	•	•	•	•	2		2			2	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0 0	0	0 0	0 0	0
	mqq00005 mqq00001	0	0 0	0 0	0 0	0 0	0	0	0	0 0	0	0	0	0	0
	20000ppm	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppui	U	U	U	U	v	U	v	U	Ū	Ü	v	v	Ü	v
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5000ppm	Ō	0	0	0	Ō	Ō	0	0	ī	2	2	2	2	2
	10000ppm	0	Ö	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	1
IMEGGEN DIENTIENG	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000թթա	0	0	0	0	0	0	2	1	0	0	0	0	0	0
	20000րբա	0	0	0	0	0	0	i	1	1	l	1	0	0	0
OL1GO-STOOL	Control	0	0	0	1	1	0	0	0	0	1	1	1	1	1
	5000ppm	0	1	1	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	1	i	0	1	0	0	0	0
	20000ppm	0	0	0	2	2	1	1	1	1	1	1	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOSTOTULES TEMP	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	Ö	0
	10000ppm	Ö	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nov. Britania	•			-				-							
NON REMARKABLE	Control	44	44	42	41	41	41	41	41	41	40	39	38	36	35
	5000ppm	46	46	44	45	44	44	43	42	41	42	42	40	39	39
	10000ppm	45	46	45	45	45	45	41	41	41	40	41	41	41	41
	20000ppm	43	43	42	41	41	42	41	40	39	40	40	39	39	39

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

											<u>-</u>				
Clinical sign	Group Name		istration W												
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
RUSTA	Control	0	0	0	0	0	0 .	0	0	0	0	0	0	0	0
N16UN	5000ppm	0	0	0	0	0	0.	0	0	0	0	0	0	0	0
	mqq00001	0	0	1	0	0	0	1	1	1	1	I	1	1	ő
	20000ppm	Ô	0	Ō	0	0	ő	0	ō	ō	ō	0	Ô	ō	0
EMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	mqq00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTICOLLIS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5000ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	10000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
RREGULAR BREATHING	Control	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	2	0	0	0	0	0	0	0	1	0	0
	20000ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
MALL STOOL	Control	0	0	2	0	0	0	0	0	0	0	1	0	0	1
	5000թթա	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000րբա	0	0	0	0	0	0	0	0	0	0	0	0	1	0
L1GO-STOOL	Control	0	0	1	0	0	0	0	0	0	0	1	0	2	1
	5000ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	mqq00001	0	0	0	i	I	0	0	0	0	0	0	1	Ţ	2
	20000ppm	0	0	. 0	0	0	0	1	0	1	0	0	0	1	0
UBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	20000թթm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON REMARKABLE	Control	34	32	31	32	31	31	30	29	29	26	25	25	23	23
	5000ppm	39	38	37	36	35	35	35	35	34	33	31	31	31	30
	10000ppm	41	40	37	35	33	34	34	34	33	34	33	32	31	30
	20000ppm	38	38	38	37	36	35	34	35	35	34	34	34	32	31

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

REPORT TYPE: A1 104

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

SEX : FEMALE

Clinical sign	Group Name	Admin	istration	Week-day			
	or oak tomo	99-7	100-7	101-7	102-7	103-7	104-7
		······································					
CRUSTA	Control	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0
	5000ppm	Ö	0	0	ŏ	Ö	Ö
	10000ppm	ő	0	0	0	Ö	Ő
	20000ppm	Ö	0	0	0	0	1
	2000 ррш	·	•	•	v	v	•
TORTICOLLIS	Control	I	1	1	1	1	1
	5000ppm	2	2	2	2	2	1
	10000ppm	0	0	0	0	0	0
	20000ppm	1	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0
	5000ppm	Ö	0	1	Ŏ	0	Ô
	10000ppm	ő	Ī	ĺ	i	1	0
	20000ppm	ő	0	Ô	Ô	Ô	0
SMALL STOOL	Control	0	0	0	0	0	0
	5000թթա	0	0	1	0	0	0
	10000ppm	0	i	2	0	0	0
	20000րբա	0	0	0	0	0	0
OL1CO-STOOL	Control	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0
	10000pm	2	2	3	1	2	2
	20000ppm	0	0	1	0	0	Õ
			-	-	-	-	-
SUBNORMAL TEMP	Control	0	0	0	0	0	0
	5000ppm	0	0	0	0	0	0
	10000ppm	0	0	0	0	0	0
	20000ppm	0	0	0	0	0	0
NON REMARKABLE	Control	21	20	19	19	17	18
	5000ppm	28	27	26	26	26	25
	10000ppm	30	30	29	29	27	28
	20000ppm	30	30	29	30	30	29

APPENDIX C 1

BODY WEIGHT CHANGES: MALE

ANIMAL : MOUSE B6D2F1/Crl, [Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

SEX : MALE

PAGE: 1

up Name	Administration	week					
	0	<u>l</u>	2	3	4	5	6
Control	23.8 ± 0.9	24.4± 1.0	25.3± 1.0	26. 2± 1. 0	27.2± 1.1	27.8± 1.1	28.6生 1.2
5000ррт	23.8± 0.9	24.4± 1.0	25.4± 1.2	26.2± 1.2	27.1± 1.3	27.7± 1.4	28.5± 1.4
10000ррт	23.8± 0.9	24.0± 1.4	24.9± 1.3	25.7± 1.4	26.4± 1.5≉	27.0± 1.4**	27.5± 1.8**
20000թբա	23.8± 0.9	23.0± 1.8**	24.0± 1.1*	24.8± 1.1**	25.7± 1.1≯*	26.1± 1.1**	26.6± 1.4**
							·
Significant difference	ce; *: P ≤ 0.05	**: P ≤ 0.01		Test of Dunnett			

(HAN260)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

REPORT TYPE : A1 104

SEX : MALE

PAGE: 2

Administration	week					
7	8	9	10	11	12	13
29.4± 1.5	30.2± 1.6	30.8± 1.7	31.5± 2.0	32.2± 2.0	32.7± 2.1	33.7± 2.1
29.0± 1.5	30.0± 1.6	30.4± 1.8	31.4± 1.9	31.9± 2.0	32.5± 2.1	33.2± 2.1
27.9± 1.7 * *	28.6± 1.8**	29.1± 2.1**	29.9± 2.3**	30.3± 2.4**	30.9± 2.5**	31.5± 2.6**
27.0± 1.3**	27.3± 1.4**	27.6± 1.5≉	28.1± 2.1**	28.2± 2.1**	28.6± 2.4≠*	29.1± 2.6**
:; *:P≤0.05	b : P ≤ 0.01		Test of Dunnett			
	7 29.4± 1.5 29.0± 1.5 27.9± 1.7** 27.0± 1.3**	29. 4± 1. 5 30. 2± 1. 6 29. 0± 1. 5 30. 0± 1. 6 27. 9± 1. 7** 28. 6± 1. 8** 27. 0± 1. 3** 27. 3± 1. 4**	7 8 9 29.4 ± 1.5 30.2 ± 1.6 30.8 ± 1.7 29.0 ± 1.5 30.0 ± 1.6 30.4 ± 1.8 $27.9\pm 1.7**$ $28.6\pm 1.8**$ $29.1\pm 2.1**$ $27.0\pm 1.3**$ $27.3\pm 1.4**$ $27.6\pm 1.5**$	7 8 9 10 29. $4\pm$ 1. 5 30. $2\pm$ 1. 6 30. $8\pm$ 1. 7 31. $5\pm$ 2. 0 29. $0\pm$ 1. 5 30. $0\pm$ 1. 6 30. $4\pm$ 1. 8 31. $4\pm$ 1. 9 27. $9\pm$ 1. $7***$ 28. $6\pm$ 1. $8***$ 29. $1\pm$ 2. $1***$ 29. $9\pm$ 2. $3***$ 27. $0\pm$ 1. $3***$ 27. $3\pm$ 1. $4***$ 27. $6\pm$ 1. $5***$ 28. $1\pm$ 2. $1***$	7 8 9 10 11 29.4± 1.5 30.2± 1.6 30.8± 1.7 31.5± 2.0 32.2± 2.0 29.0± 1.5 30.0± 1.6 30.4± 1.8 31.4± 1.9 31.9± 2.0 27.9± 1.7** 28.6± 1.8** 29.1± 2.1** 29.9± 2.3** 30.3± 2.4** 27.0± 1.3** 27.3± 1.4** 27.6± 1.5** 28.1± 2.1** 28.2± 2.1**	7 8 9 10 11 12 29.4± 1.5 30.2± 1.6 30.8± 1.7 31.5± 2.0 32.2± 2.0 32.7± 2.1 29.0± 1.5 30.0± 1.6 30.4± 1.8 31.4± 1.9 31.9± 2.0 32.5± 2.1 27.9± 1.7** 28.6± 1.8** 29.1± 2.1** 29.9± 2.3** 30.3± 2.4** 30.9± 2.5** 27.0± 1.3** 27.3± 1.4** 27.6± 1.5** 28.1± 2.1** 28.2± 2.1** 28.6± 2.4**

(HAN260)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g

REPORT TYPE : AI 104

SEX : MALE

BODY WEIGHT CHANGES

ALL ANIMALS

PAGE: 3

up Name	Administration	week					
	17	21	25	29	33	37	41
Control	35.5± 2.6	37.6± 2.9	39.1± 3.1	41.3± 3.4	42.6± 3.9	44.2± 4.1	45.4± 4.3
5000ppm	35.9± 2.4	37.4± 2.7	39.7± 3.0	41.6± 3.4	43.1± 3.7	44.2± 3.8	45.6± 3.9
10000ppm	33.4± 2.9**	34.8± 3.3**	36.3± 3.5★★	37.7± 3.8**	38.6± 4.0★★	39.4± 4.0**	40.4± 4.2**
20000ррш	30.4± 2.9**	30.6± 3.3**	31.3± 3.0★	32.8± 3.2**	33.9± 3.2★★	34.5± 3.4**	35.4± 3.5≉≠
			, ,				
Significant difference;	*: P ≤ 0.05	* : P ≤ 0.01		Test of Dunnett		•	
260)							

(SUMMARY)

BODY WEIGHT CHANGES

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

ALL ANIMALS

(SUMMARY)

UNIT : g
REPORT TYPE : AI 104

SEX : MALE

PAGE: 4

ıp Name	Administration	week					
	45	49	53	57	61	65	69
Control	46.4± 4.4	47.2± 4.4	47.6± 4.4	47.9± 4.5	48.4± 4.9	48.7± 5.3	49.3± 5.4
5000ррт	46.6± 4.0	47.6± 4.0	48.3± 4.1	49.0± 4.0	49.6± 4.1	50. 2± 4. 3	50.8± 4.5
10000ppm	41.0± 4.5**	41.6± 4.4**	42.1± 4.7**	42.5± 4.8 * *	43.1± 4.9**	43.1± 5.1**	43.7± 5.2**
20000ррш	35.4± 3.9≉	36.1± 3.9≉≉	36.1± 4.1≠	36.5± 4.0**	36.6± 4.3**	36.6± 4.5**	36.7± 4.9**
ignificant difference;	*: P ≤ 0.05	**: P ≦ 0.01		Test of Dunnett			
60)							

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1] UNIT : g

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

REPORT TYPE : A1 104

SEX : MALE

PAGE: 5

up Name	Administration	week					
	73	7 7	78	82	86	90	94
Control	48.9± 6.5	48.4± 8.4	49.8± 6.8	49.8± 7.1	50.1± 7.7	50.6生 7.7	50.4± 7.7
5000ррт	50.8± 4.5	50.9± 5.0	51.0± 5.2	51.0± 5.6	51.5± 5.9	51.4± 6.9	50.9± 7.5
10000ppm	43.7± 5.4**	43.5± 5.7**	43.7± 5.8 * *	43.6± 5.8 * *	43.5± 5.9★	43.7± 6.1**	43.7± 6.0**
20000ррш	36.6± 4.8**	35.9± 5.3**	36.5± 4.4**	36.3± 4.9**	35.8± 5.1**	36.2± 4.8**	36.5± 4.8**
						·	
Significant difference	ce; *: P ≤ 0.05 *	*: P ≤ 0.01		Test of Dunnett			
N260)							

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

UNIT : g

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]

REPORT TYPE: A1 104

up Name	Administration	week		
	98	102	104	
Control	50.0± 8.2	48.1± 8.4	48.5± 7.8	
5000ppm	49.5± 7.9	48.9± 7.5	47.7± 7.9	
10000ppm	42.9± 5.7**	42.0± 5.3**	40.9± 5.8**	
20000թթա	35.9± 5.4≠	35.1± 4.6**	35.2± 4.7★	
Significant differen	ce; *:P≦0.05 *	*: P ≤ 0.01	Test of Dunnett	

(HAN260)

APPENDIX C 2

BODY WEIGHT CHANGES: FEMALE

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g

REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 7

Administration	ı week					
0	1	2	3	4	5	6
19.5± 0.8	19.9± 0.9	20.4± 0.9	21.0± 0.9	21.7± 1.1	22. 3± 1. 2	22.7± 1.1
19.5± 0.8	19.8± 0.9	20.4± 0.9	21.0± 1.0	21.6± 1.1	22.0± 1.0	22.6± 1.2
19.5± 0.8	19.8± 0.9	20.3± 0.9	21.0± 1.0	21.6± 1.1	22.0± 1.0	22.5± 1.0
19.5± 0.8	18.4± 1.5★	19.6± 1.1★	20.5± 0.8*	21.2± 0.9	21.4± 1.0**	21.9± 1.1**
	0 19.5± 0.8 19.5± 0.8 19.5± 0.8	19.5± 0.8 19.9± 0.9 19.5± 0.8 19.8± 0.9 19.5± 0.8 19.8± 0.9 19.5± 0.8 18.4± 1.5**	0 1 2 19.5± 0.8 19.9± 0.9 20.4± 0.9 19.5± 0.8 19.8± 0.9 20.4± 0.9 19.5± 0.8 19.8± 0.9 20.3± 0.9 19.5± 0.8 18.4± 1.5** 19.6± 1.1**	0 1 2 3 19.5 \pm 0.8 19.9 \pm 0.9 20.4 \pm 0.9 21.0 \pm 0.9 19.5 \pm 0.8 19.8 \pm 0.9 20.4 \pm 0.9 21.0 \pm 1.0 19.5 \pm 0.8 19.8 \pm 0.9 20.3 \pm 0.9 21.0 \pm 1.0 19.5 \pm 0.8 18.4 \pm 1.5** 19.6 \pm 1.1** 20.5 \pm 0.8*	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 1 2 3 4 5 19.5± 0.8 19.9± 0.9 20.4± 0.9 21.0± 0.9 21.7± 1.1 22.3± 1.2 19.5± 0.8 19.8± 0.9 20.4± 0.9 21.0± 1.0 21.6± 1.1 22.0± 1.0 19.5± 0.8 19.8± 0.9 20.3± 0.9 21.0± 1.0 21.6± 1.1 22.0± 1.0 19.5± 0.8 18.4± 1.5** 19.6± 1.1** 20.5± 0.8* 21.2± 0.9 21.4± 1.0**

(HAN260)

BODY WEIGHT CHANGES

(SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1] UNIT : g

ALL ANIMALS

REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 8

up Name	Administration	week					
·	7	8	9	10		12	13
Control	23.3± 1.2	23.7 ± 1.5	24.3± 1.5	24.4± 1.3	24.7± 1.4	24.9± 1.7	25.6± 1.7
5000ррт	23.2± 1.4	23.6± 1.5	24.1± 1.3	24.5± 1.5	24.5± 1.4	24.7± 1.5	25.3± 1.6
10000ppm	23.0± 1.0	23.3± 1.2	24.1± 1.5	24.2± 1.3	24.5± 1.3	24.5± 1.4	24.7± 1.7*
20000ррт	22. 4± 1. 0★¥	22.7± 1.2**	23.2± 1.2≠*	23.2± 1.4**	23.5± 1.3**	23.7± 1.1**	23.9± 1.1**
Significant difference	ce; *: P ≤ 0.05 ×	*: P ≤ 0.01		Test of Dunnett			

(HAN260)

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

UNIT : g

REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 9

ıp Name	Administration	week					
	17	21	25	29	33	37	41
Control	26.6± 2.3	27.8± 2.5	28.7± 2.5	29.7± 2.6	31.1± 3.2	31.3± 3.7	32.7生 3.8
5000ррт	26.6± 1.9	27.8± 2.3	28. 1 ± 2. 4	29.4± 2.4	30.1± 2.9	31.2± 3.1	31.8± 2.9
10000ррт	25.7± 1.5	26.8± 2.1*	27.4± 2.3*	28.3± 2.8*	28.7± 3.2**	29.4± 3.3*	29.9± 3.1**
20000թթա	24.7± 1.4**	24.9± 1.5**	25.2± 1.5**	26.1± 1.8 * *	25.9± 1.8 * *	26.3± 1.8**	26.2± 2.0**
Significant differenc	e; *:P≦0.05	** : P ≤ 0.01		Test of Dunnett			

BAIS 4

BODY WEIGHT CHANGES

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]
UNIT : g

ALL ANIMALS

(SUMMARY)

REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 10

up Name	Administration	week					
	45	49	53	57	61	65 	69
Control	33.2± 3.8	33.7± 3.8	34.1± 3.6	34.5± 3.9	34.7± 3.8	35.1± 4.0	35.4± 4.1
5000ррт	32.6± 3.0	33.3± 3.4	33.6± 3.6	34.3± 4.8	34.3± 3.8	34.8± 3.9	35.2± 4.1
10000ppm	30.5± 3.5**	30.9± 3.6**	31.7± 3.4★	31.8± 3.3**	32.1± 3.7≉	32.4± 3.7**	32.8± 3.9**
20000թթա	26.3± 1.9★	26.8± 2.4**	26.8± 2.6**	27.3± 2.7**	27.2± 2.8**	27.2± 2.3**	27.7± 2.3**
Significant differen	ce; *:P≦0.05 +	k∗: P ≤ 0.01		Test of Dunnett			

(HAN260)

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

UNIT : g
REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 11

Name	Administration	week					
	73	77	78	82	86	90	94
Control	35.5± 5.0	35.7± 4.2	35.9± 4.2	35.6± 4.8	36. 4 ± 4. 6	36.5± 4.4	36.1± 4.7
5000ppm	35.0± 3.8	35.1± 3.8	35.2± 4.0	35. 5± 4. 2	35.7± 4.5	36.4± 4.5	35.4± 3.9
10000ppm	32.7± 3.7**	33.0± 4.8**	32.8± 4.5≉	33.1± 4.6*	33.1± 4.4**	33.4± 4.3★★	33.5± 4.7*
20000ррт	27.5± 2.3★	27.3± 2.8**	27.3± 2.7 * *	28.0± 3.0**	27.9± 3.0**	27.9± 2.6**	27.8± 2.9**
Significant differenc	e; *: P ≤ 0.05	*: P ≤ 0.01		Test of Dunnett			

(HAN260)

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]

UNIT : g
REPORT TYPE : A1 104

SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY) ALL ANIMALS

PAGE: 12

	week			
98	102	104		
35.5± 5.8	34.4± 5.7	34.7± 5.5		
35.1± 3.9	34.6± 3.8	34.7± 4.0		
32.7± 5.2	32.5± 4.4	32.0± 4.4		
27.8± 2.9 * *	27.2± 3.2**	27.4± 2.8 * *		
*: P ≤ 0.05	**: P ≤ 0.01		Test of Dunnett	
	35.5± 5.8 35.1± 3.9 32.7± 5.2 27.8± 2.9≠≠	35.5± 5.8 34.4± 5.7 35.1± 3.9 34.6± 3.8 32.7± 5.2 32.5± 4.4 27.8± 2.9** 27.2± 3.2**	35.5 ± 5.8 34.4 ± 5.7 34.7 ± 5.5 35.1 ± 3.9 34.6 ± 3.8 34.7 ± 4.0 32.7 ± 5.2 32.5 ± 4.4 32.0 ± 4.4 $27.8\pm 2.9**$ $27.2\pm 3.2**$ $27.4\pm 2.8**$	35.5± 5.8 34.4± 5.7 34.7± 5.5 35.1± 3.9 34.6± 3.8 34.7± 4.0 32.7± 5.2 32.5± 4.4 32.0± 4.4 27.8± 2.9** 27.2± 3.2** 27.4± 2.8**

(HAN260)

APPENDIX D 1

FOOD CONSUMPTION CHANGES: MALE

FOOD CONSUMPTION CHANGES (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

ALL ANIMALS

UNIT : g REPORT TYPE : A1 104

SEX : MALE

PAGE: 1

Name	Administration	week					
	1	2	3	4	5	6	7
Control	4.1± 0.2	3.9± 0.3	4.0± 0.3	4.1± 0.3	4.1± 0.3	4.1± 0.3	4.1生 0.3
5000ррт	4.0± 0.3	3.9± 0.3	3.9± 0.4	4.0± 0.3	4.0± 0.3	4.0± 0.3	4.0± 0.3
10000pm	3.8± 0.4**	3.8± 0.4*	3.8± 0.4*	3.9± 0.4*	4.0± 0.3	3.9± 0.4*	3.9± 0.4*
20000ррш	3.3± 0.4**	3.6± 0.3**	3.7± 0.3**	3.8± 0.3**	3.8± 0.3**	3.7± 0.3**	3.7± 0.2**
Significant differenc	ce; *:P≦0.05 *	*: P ≤ 0.01		Test of Dunnett			

(HAN260)

FOOD CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

UNIT : g

REPORT TYPE : A1 104

SEX : MALE

PAGE: 2

.2± 0	. 3	9 4.1±		10		11	 .	12		13		17	
.2± 0	. 3	4.1±	0.0										
			0.3	4.1±	0.3	4. 2±	0.3	4.3±	0.3	4.3±	0.3	4. 1土	0.3
.2± 0	. 3	4.1±	0.3	4.1±	0.3	4.2±	0.3	4.4±	0. 5	4.3±	0.3	4.2±	0.3*
.0± 0	. 4	4. 1±	0.4	4.1±	0.4	4.2±	0.3	4.3±	0.3	4.3±	0.3	4.2±	0.3
.7± 0	. 3**	3.7±	0.3**	3.8±	0.6**	4.0±	0.3**	4.0±	0.3**	3.9±	0. 2**	3.8±	0.4**
	.0± 0	2± 0.3 0± 0.4 7± 0.3**	0± 0.4 4.1±	0± 0.4 4.1± 0.4	0± 0.4 4.1± 0.4 4.1±	0± 0.4 4.1± 0.4 4.1± 0.4	0± 0.4 4.1± 0.4 4.1± 0.4 4.2±	0± 0.4 4.1± 0.4 4.1± 0.4 4.2± 0.3	0± 0.4 4.1± 0.4 4.1± 0.4 4.2± 0.3 4.3±	0± 0.4 4.1± 0.4 4.1± 0.4 4.2± 0.3 4.3± 0.3	0± 0.4 4.1± 0.4 4.1± 0.4 4.2± 0.3 4.3± 0.3 4.3±	0± 0.4 4.1± 0.4 4.1± 0.4 4.2± 0.3 4.3± 0.3 4.3± 0.3	0± 0.4 4.1± 0.4 4.1± 0.4 4.2± 0.3 4.3± 0.3 4.3± 0.3 4.2±

Test of Dunnett

(HAN260)

FOOD CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

UNIT : g

REPORT TYPE : A1 104

SEX : MALE

p Name	Administration	week					
	21	25	29	33	37	41	45
Control	4.2± 0.3	4.1± 0.4	4.3± 0.3	4.2± 0.3	4.3± 0.3	4.5± 0.3	4.5± 0.3
5000ppm	4.2± 0.3	4.2± 0.3	4.3± 0.3	4.2± 0.3	4.2± 0.3	4.4± 0.3	4.5± 0.3
10000ppm	4.1± 0.4	4.0± 0.3*	4.0± 0.4**	3.9± 0.3**	4.0± 0.3**	4.2± 0.3**	4.2± 0.4**
20000թբա	3.7± 0.3**	3.7± 0.3**	3.8± 0.3≉	3.6± 0.3**	3.7± 0.3**	3.9± 0.3**	3.8± 0.4**
Significant differenc	e; *:P≤0.05 *	*: P ≤ 0.01		Test of Dunnett			
260)							

FOOD CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104

SEX : MALE

PAGE: 4

Name	Administration	week					
	49	53	57	61	65	69	73
Control	4.5 ± 0.3	4.5± 0.3	4.6± 0.3	4.6± 0.3	4.7± 0.3	4.6± 0.4	4.6± 0.5
5000ppm	4.5± 0.3	4.6± 0.3	4.7± 0.3	4.7± 0.3	4.7± 0.3	4.6± 0.4	4.6± 0.3
10000ppm	4.2± 0.3★★	4.3± 0.4**	4.4± 0.3**	4.4± 0.4**	4.3± 0.4**	4.3± 0.4**	4.3± 0.4**
20000թբm	3.8± 0.3≉≉	3.9± 0.4**	4.0± 0.3★	3.9± 0.3**	3.9± 0.3**	3.8± 0.5**	3.9± 0.4**

(HAN260)

FOOD CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

UNIT : g REPORT TYPE : A1 104

SEX : MALE

PAGE: 5

roup Name	Administration	week					
	77	78	82	86	90	94	98
Control	4.5± 0.8	4.7± 0.3	4.8± 0.4	4.8± 0.5	5.0± 0.4	4.8± 0.5	4.8± 0.4
5000ppm	4.6± 0.4	4.7± 0.5	4.7± 0.8	4.9± 0.6	5.0± 0.7	4.7± 0.5	4.7± 0.6
10000ppm	4.3± 0.4**	4.3± 0.4**	4.3± 0.5**	4.4± 0.4**	4.5± 0.3★★	4.3± 0.5**	4.3± 0.4**
20000թյա	3.8± 0.4**	3.8± 0.4**	3.9± 0.5**	3.9± 0.5**	3.9± 0.4**	4. i ± 0. 5**	3.9± 0.5**
	······································		· · · · · · · · · · · · · · · · · · ·				
Significant difference	ce; *:P≦0.05 *	$*: P \leq 0.01$		Test of Dunnett			
N260)							

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

FOOD CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

UNIT : g

REPORT TYPE : A1 104

SEX : MALE

PAGE: 6

ıp Name	Administration	week		
	102	104		
Control	4.8± 0.5	4.7 \pm 0.5		
5000ppm	4.8± 0.6	4.5± 0.8		
10000ppm	4.3± 0.4**	4.2± 0.7**		
20000թթա	4.0± 0.4≉	4.0± 0.4**		
Significant difference	ce; *:P≦0.05 *	* : P ≤ 0.01	Test of Dunnett	

(HAN260)

APPENDIX D 2

FOOD CONSUMPTION CHANGES: FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : AI 104

SEX : FEMALE

PAGE: 7

roup Name	Administration week									
	1	2	3	4	5	6	7			
Control	3.4± 0.3	3.3生 0.2	3.3± 0.2	3.4± 0.2	3.5± 0.2	3.5± 0.2	3.6生 0.2			
5000ppm	3.3± 0.3	3.3± 0.2	3.3± 0.2	3.4± 0.2	3.5± 0.2	3.5± 0.2	3.6± 0.2			
10000ppm	3.2± 0.2**	3.3± 0.2	3.3± 0.2	3.4± 0.2	3.5± 0.2	3.5± 0.2	3.6± 0.2			
20000ррт	2.6± 0.4**	3.2± 0.2	3.1± 0.2**	3.3± 0.2**	3.3± 0.2**	3.3± 0.2★★	3.4± 0.2**			
Significant difference	; *: P ≤ 0.05 *	*: P ≤ 0.01		Test of Dunnett						

(HAN260)

ANIMAL : MOUSE B6D2F1/Crl, [Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104

FOOD CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

ip Name	Administration	week			<u>-</u>		
	8	9	10		12	13	17
Control	3.6± 0.3	3.7± 0.3	3.7± 0.2	3.8± 0.2	3.9± 0.3	3.8± 0.3	3.7± 0.3
5000ppm	3.6± 0.3	3.7± 0.3	3.8± 0.3	3.7± 0.2	3.9± 0.3	3.9± 0.3	3.8± 0.3
10000ppm	3.7± 0.2	3.8± 0.3	3.7± 0.3	3.8± 0.2	3.9± 0.3	3.9± 0.5	3.7± 0.3
20000ppm	3.4± 0.3★★	3.5± 0.3**	3.5± 0.3**	3.6± 0.3**	3.7± 0.2★	3.7± 0.3**	3.5± 0.3

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

Test of Dunnett

(HAN260)

FOOD CONSUMPTION CHANGES (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

ALL ANIMALS

UNIT : g

REPORT TYPE : A1 104

SEX: FEMALE

PAGE: 9

0.3 3.6±	± 0.4 ± 0.4	3.8± 3.8±	0.4	33 3.7± 3.6±		3.6± 3.7±		4.0± 3.9±		4.0±	
0.3 3.6±	± 0.4	3.8±	0.4								
				3.6±	0.4	3.7±	0.4	3.9±	0. 5	4.0±	0. 4
กง ง ๑+	± 0.4	0.71									
v.v 3.0±		3.7±	0. 4	3.5±	0. 4**	3.7±	0.4	3.7±	0.4**	3.7±	0.4*
0.3** 3.2±	± 0.3**	3.5±	0.3**	3.3±	0.3**	3.4±	0.3**	3.4±	0.3**	3.5±	0.3**
0.05 **: P ≤ (0.01			Test of D	lunnett						
_											

(HAN260)

FOOD CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

UNIT : g REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 10

oup Name	Administration	week					
	49	53	57	61	65	69	73
Control	3.9± 0.5	4.1± 0.4	4.2± 0.5	4.0± 0.4	4.2± 0.4	4.0± 0.4	3.9± 0.5
5000ppm	3.9± 0.4	3.9± 0.5	4.1± 0.4	4.0± 0.5	4.2± 0.4	4.1± 0.5	4.0± 0.4
10000ррт	3.8± 0.4	4.0± 0.4	4.0± 0.4*	3.9± 0.4	3.9± 0.4★	3.9± 0.5	3.9± 0.5
20000ррт	3.5± 0.4★	3.6± 0.4**	3.7± 0.4**	3.5± 0.3≠≠	3.6± 0.3**	3.5± 0.4**	3.5± 0.4**
			····				
Significant differenc	e; *:P≤0.05 *	*: P ≤ 0.01		Test of Dunnett			
260)						· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

FOOD CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

UNIT : g REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 11

Name	Administration	week					
	77	78	82	86	90	94	98
Control	4.2± 0.4	4.1± 0.5	4.2± 0.8	4.4± 0.8	4.4± 0.6	4.3± 0.7	4.3± 1.0
5000ррт	4.0± 0.5	3.9± 0.5	4.1± 0.5	4.1± 0.6	4.4± 0.6	4.1± 0.6	4.3± 0.6
10000ppm	3.9± 0.6	3.7± 0.5**	4.0± 0.6*	4.0± 0.7	4.1± 0.6	4.1± 0.5	4.0± 0.6
20000թթա	3.6± 0.4**	3.5± 0.4**	3.8± 0.4≉	3.9± 0.7**	3.8± 0.6★	3.8± 0.5**	3.9± 0.4**
				····			
Significant difference	ce: *:P≤0.05 *	*: P ≤ 0.01		Test of Dunnett			
1260)							

FOOD CONSUMPTION CHANGES (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

ALL ANIMALS

UNIT : g

REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 12

coup Name	Administration	week		
	102	104		
Control	4.4± 0.7	4.5± 0.8		
5000ррт	4.3± 0.6	4.2± 0.6		
10000ppm	4.1± 0.4	3.8± 0.5**		
20000ррт	3.8± 0.5★★	3.8± 0.4**		
Significant difference	e; *:P≦0.05 *	*: P ≤ 0.01	Test of Dunnett	
N260)				DATE

(HAN260)

APPENDIX E 1

WATER CONSUMPTION CHANGES: MALE

WATER CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104

SEX : MALE

PAGE: 1

p Name	Administration	week					
	1	2	3	4	5	6	· 7
Control	5.1± 1.3	5.0± 1.1	5.2± 1.2	5.0± 1.2	4.8± 0.9	4.6± 0.8	4.6生 1.2
5000ррт	4.5± 0.9*	4.5± 1.2*	4.6± 1.2*	4.5± 1.1	4.5± 1.1	4.5± 1.0	4.3± 1.0
10000ppm	3.6± 0.8★★	3.7± 1.2**	3.9± 1.3**	3.7± 1.2**	3.9± 1.1**	3.9± 1.0**	3.7± 1.0**
20000թթա	3.0± 0.6**	2.7± 0.6**	3.0± 0.6⊁	2.8± 0.6**	2.9± 0.5**	2.8± 0.5**	2.8± 0.6**
Significant difference	ce; *:P≤0.05 *	*: P ≤ 0.01		Test of Dunnett			

(HAN260)

ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : Al 104

WATER CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

SEX : MALE

PAGE: 2

ıp Name	Administration	week					
	8	9	10	11	12	13	17
Control	4.5± 0.9	4.5± 1.2	4.6± 1.2	4.4± 1.0	4.3± 1.0	4.0± 0.8	4.0± 0.8
5000ррш	4.3± 0.8	4.3± 0.9	4.3± 0.8	4.4± 1.2	4.1± 1.0	4.0± 0.8	3.8± 0.6
10000ррт	3.6± 0.9**	3.7± 1.0**	3.7± 0.9≉≉	3.6± 0.8**	3.5± 0.7**	3.4± 0.8**	3.2± 0.6**
20000ppm	2.7± 0.5**	2.7± 0.4**	2.8± 0.5**	2.8± 0.5**	2.7± 0.5**	2.7± 0.5**	2.6± 0.6**
			· · · · · · · · · · · · · · · · · · ·				
Significant difference	e; *:P≦0.05 *	*: P ≤ 0.01		Test of Dunnett			

(HAN260)

WATER CONSUMPTION CHANGES (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

UNIT : g

ALL ANIMALS

REPORT TYPE : A1 104

SEX : MALE

PAGE: 3

roup Name	Administration week						
	21	25	29	33	37	41	45
Control	4.2± 0.7	3.9± 0.5	3.9± 0.4	3.9± 0.4	3.8± 0.4	3.8± 0.4	4.0生 0.4
5000ppm	4.0± 0.6	3.8± 0.4	3.6± 0.4★	3.6± 0.4**	3.6± 0.4*	3.7± 0.3	3.7± 0.4**
10000рът	3.4± 0.6**	3.2± 0.5**	3.0± 0.5**	3.1± 0.5**	2.9± 0.4**	3.0± 0.4**	3.1± 0.4**
20000րբա	2.9± 0.6★	2.7± 0.4**	2.5± 0.4**	2.7± 0.4**	2.5± 0.3★★	2.6± 0.3**	2.7± 0.4**

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

Test of Dunnett

(HAN260)

WATER CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

UNIT : g
REPORT TYPE : A1 104

SEX : MALE

PAGE: 4

p Name	Administration week								
	49	53	57	- ET	65	69	73		
Control	4.1± 0.4	4.1± 0.5	4.2± 0.5	4.2± 0.5	4.4± 0.5	4.4生 0.6	4.5± 0.7		
5000ррш	3.8± 0.4*	3.8± 0.4**	3.9± 0.4**	3.8± 0.4**	4.0± 0.4**	4.1± 0.4*	4.0± 0.5**		
10000ррт	3.2± 0.4**	3.2± 0.4**	3.2± 0.4**	3.3± 0.5**	3.5± 0.3**	3.5± 0.4**	3.5± 0.4**		
20000թթա	2.8± 0.4**	2.7± 0.4**	2.8± 0.5**	2.6± 0.4**	2.9± 0.4**	2.8± 0.6**	3.0± 0.5**		
				,					
ignificant difference	; *:P≦0.05 *	*: P ≤ 0.01		Test of Dunnett					

(HAN260)

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

WATER CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

UNIT : g

REPORT TYPE : A1 104

SEX : MALE

PAGE: 5

up Name	Administration	week					
	77	78	82	86	90	94	98
Control	4.6± 1.1	4.7± 0.9	4.5± 0.7	4.6± 1.2	4.5± 0.7	4.5± 0.8	4.8 ± 1.3
5000ppm	4.2± 0.6*	4.3± 0.6**	4.0± 0.7**	4.3± 0.8	4.1± 0.6**	4.0± 0.6★★	4.2± 0.9*
10000ppm	3.6± 0.5***	3.7± 0.4**	3.5± 0.6**	3.8± 0.5**	3.8± 0.6**	3.6± 0.5**	3.8± 0.5**
20000ррт	3.1± 0.6★★	3.2± 0.5**	2.9± 0.6**	3.0± 0.5**	3.0± 0.5≉≉	3.2± 0.4**	3.2± 1.0**
							
Significant difference	ce; *:P≦0.05 *	* : P ≤ 0.01		Test of Dunnett			

(HAN260)

WATER CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g

REPORT TYPE : A1 104

SEX : MALE

PAGE: 6

roup Name	Administration	week		
	102	104		
Control	4.7± 0.6	4.8± 0.8		
F000	4 Oct 0 7de	4.1-1.00		
5000ррт	4.2± 0.7**	4.1± 1.0**		
10000ppm	3.7± 0.5**	3.8± 0.7**		
20000թթա	3.1± 0.6★	3.3± 0.5**		
2000орры	0. i = 0.000	J. J. ⊥ V. J***		
Significant differen	ce; *: P ≤ 0.05 *	*: P ≤ 0.01	Test of Dunnett	
HAN260)				BAIS

APPENDIX E 2

WATER CONSUMPTION CHANGES: FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

UNIT : g
REPORT TYPE : A1 104

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

SEX : FEMALE

PAGE: 7

up Name	Administration week									
	1	2	3	4	5	6	7			
Control	4.2± 0.4	4.2± 0.4	4.2± 0.4	4.3± 0.4	4.2± 0.3	4.2 ± 0.4	4.2 ± 0.4			
5000ppm	3.8± 0.4**	3.7± 0.4**	3.8± 0.4**	3.9± 0.4**	3.8± 0.3**	3.9± 0.4**	3.7± 0.5**			
10000ppm	2.9± 0.3**	3.1± 0.4**	3.2± 0.3★★	3.3± 0.3**	3.4± 0.4**	3.3± 0.3**	3.3± 0.3**			
20000թթո	2.5± 0.5**	2.3± 0.4**	2.5± 0.3★	2.6± 0.3≠≠	2.6± 0.4**	2.6± 0.4**	2.6± 0.3**			
Significant difference	; *: P ≤ 0.05 *	*: P ≤ 0.01		Test of Dunnett						

(HAN260)

WATER CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

UNIT : g
REPORT TYPE : A1 104

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

SEX : FEMALE

PAGE: 8

oup Name	Administration	Administration week							
	8	9	10	11	12	13	17		
Control	4.3± 0.5	4.4± 0.5	4.4± 0.8	4.2± 0.4	4.3± 0.4	4.2± 0.6	4.2± 0.8		
5000ppm	3.8± 0.4**	4.0± 0.4**	4.0± 0.7≉	3.8± 0.3**	3.9± 0.6**	3.8± 0.5**	3.7± 0.4**		
10000ppm	3.3± 0.4**	3.5± 0.4**	3.4± 0.4**	3.4± 0.3**	3.5± 0.4**	3.2± 0.4**	3.2± 0.4**		
20000թթա	2.6± 0.4**	2.8± 0.3**	2.7± 0.4**	2.7± 0.3≠+	2.8± 0.3**	2.7± 0.4**	2.8± 0.4**		
Significant differenc	e; *:P≦0.05 *	* : P ≤ 0.01	,	Test of Dunnett					

(HAN260)

WATER CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

1/Crlj[Crj:BDF1]

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g

REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 9

Name	Administration	week					
	21	25	29	33	37	41	45
Control	4.3± 0.6	4.2± 0.9	4.0± 0.5	4.1± 0.9	3.9± 0.6	4.2生 0.5	4.2± 0.6
5000ppm	3.7± 0.4**	3.5± 0.4**	3.4± 0.3≯≉	3.5± 0.4**	3.5± 0.4≄	3.5± 0.4**	3.6± 0.3≠*
10000ррш	3.3± 0.3★★	3.0± 0.4**	3.0± 0.4**	2.9± 0.5**	3.0± 0.4**	3.0± 0.4**	3.1± 0.4**
20000ррт	3.0± 0.4**	2.7± 0.4**	2.6± 0.3★	2.6± 0.5**	2.6± 0.4**	2.4± 0.5**	2.5± 0.4**
Significant differenc	e; *:P≦0.05 *	* : P ≤ 0.01		Test of Dunnett			

(HAN260)

STUDY NO. : 0498 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1] WATER CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

UNIT : g
REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 10

oup Name	Administration	Administration week							
	49	53	57	61	65	69	73		
Control	4.2± 0.6	4.3± 0.6	4.4± 0.7	4.3± 0.8	4.4± 0.7	4.4± 0.8	4.3± 1.1		
5000ррт	3.5± 0.4**	3.5± 0.4**	3.6± 0.4**	3.5± 0.3**	3.6± 0.4**	3.5± 0.4**	3.5± 0.5**		
10000ppm	3.0± 0.4**	3.1± 0.3**	3.1± 0.3**	3.0± 0.3**	3.1± 0.3**	3.2± 0.4**	3.0± 0.4**		
20000թթա	2.5± 0.4**	2.6± 0.5**	2.6± 0.5**	2.5± 0.5**	2.7± 0.4**	2.7± 0.5**	2.6± 0.5**		
	· - · · · · · · · · · · · · · · · · · ·								
Significant differenc	e; *:P≦0.05 *	* : P ≤ 0.01		Test of Dunnett		,			

(HAN260)

WATER CONSUMPTION CHANGES (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

ALL ANIMALS

UNIT : g REPORT TYPE : AI 104

SEX : FEMALE -

PAGE: 11

up Name	Administration	veek					
	77	78	82	86	90	94	98
Control	4.3± 0.7	4.2± 0.9	4.3± 1.2	4.2± 0.8	4.2± 0.8	4.4± 1.5	4.9± 1.6
5000ррш	3.4± 0.5≒	3.5± 0.5**	3.4± 0.4**	3.4± 0.5**	3.4± 0.4**	3.4± 0.6**	3.6± 0.7**
10000ррш	3.0± 0.5★	2.9± 0.5**	3.2± 0.6**	3.1± 0.5**	3.1± 0.6**	3.3± 1.2**	3.1± 0.9**
20000ррт	2.7± 0.5**	2.7± 0.5**	2.8± 0.4**	2.7± 0.5**	2.7± 0.6**	2.8± 0.5**	2.9± 0.6**
Significant differenc	e; *:P≦0.05 *	* : P ≤ 0.01		Test of Dunnett			

(HAN260)

WATER CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

UNIT : g
REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 12

oup Name	Administration	week		
	102	104		
Control	4.6± 0.9	4.6± 1.0		
5000ррш	3.7± 0.6≠≠	3.8± 0.5**		
10000ppm	3.3± 0.7**	3.2± 0.9**		
20000րբա	2.9± 0.7**	2.9生 0.6**		
•••				
Significant difference	ce; *:P≦ 0,05	⇔ : P ≤ 0.01	Test of Dunnett	
(aco)				

(HAN260)

APPENDIX F 1

CHEMICAL INTAKE CHANGES: MALE

CHEMICAL INTAKE CHANGES (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g/kg/day

F1/Crl;[Cr;:BDF1] ALL ANIMALS

REPORT TYPE : AL 104

SEX : MALE

PAGE: 1

oup Name	Administration (weeks)									
	1	2	3	4	5	6	7			
Control	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000生 0.000	0.000生 0.000	0.000± 0.000	0.000± 0.000			
5000ppm	0.934± 0.197	0.887± 0.235	0.875± 0.219	0.833± 0.196	0.816± 0.204	0.786± 0.177	0.748± 0.178			
10000ррт	1.500± 0.336	1.482± 0.479	1.512± 0.488	1.412± 0.452	1.462± 0.396	1.429± 0.359	1.332± 0.361			
20000ррт	2.554± 0.434	2.291± 0.474	2.456± 0.486	2.194± 0.409	2.258± 0.389	2.073± 0.349	2.073± 0.411			

(HAN300)

CHEMICAL INTAKE CHANGES (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

ALL ANIMALS

UNIT : g/kg/day REPORT TYPE : A1 104

SEX : MALE

PAGE: 2

up Name	Administration (weeks)								
	8	9	10		12	13	17		
Control	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000土 0.000		
5000ррт	0.716± 0.147	0.716± 0.167	0.690± 0.151	0.694± 0.204	0.641± 0.164	0.609± 0.136	0.528± 0.100		
10000ppm	1.270± 0.309	1.277± 0.343	1.246± 0.299	1.200± 0.303	1.134± 0.265	1.093± 0.267	0.957± 0.203		
20000թթա	2.001 ± 0.314	1.981± 0.295	1.955± 0.379	1.948± 0.389	1.858± 0.297	1.845± 0.336	1.689± 0.373		

(HAN300)

CHEMICAL INTAKE CHANGES (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]
UNIT : g /kg/d a y
REPORT TYPE : A1 104

ALL ANIMALS

SEX : MALE

PAGE: 3

roup Name	Administration (weeks)									
	21	25	29	33	37	41	45			
Control	0.000生 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000			
5000ppm	0.539± 0.096	0.477± 0.065	0.437± 0.058	0.421± 0.060	0.407± 0.055	0.411± 0.054	0.397± 0.050			
10000ppm	0.986± 0.183	0.897± 0.171	0.810± 0.139	0.800± 0.147	0.743± 0.127	0.755± 0.116	0.761± 0.120			
20000թթա	1.920± 0.402	1.755± 0.309	1.558± 0.266	1.575± 0.266	1.483± 0.246	1.502± 0.260	1.559± 0.273			

(HAN300)

CHEMICAL INTAKE CHANGES (SUMMARY)

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

ALL ANIMALS

UNIT : g/kg/d a y
REPORT TYPE : A1 104
SEX : MALE

PAGE: 4

roup Name	Administration (weeks)							
	49	53 	57	61	65	69	73	
Control	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	
5000ppm	0.406± 0.052	0.398± 0.058	0.398± 0.051	0.386± 0.050	0.399± 0.059	0.401± 0.052	0.398± 0.063	
10000ррш	0.776± 0.123	0.775± 0.106	0.766± 0.114	0.765± 0.113	0.808± 0.105	0.800± 0.100	0.814± 0.109	
20000ppm	1.593± 0.294	1.492± 0.245	1.539± 0.296	1.454± 0.272	1.600± 0.220	1.560± 0.382	1.657± 0.350	

(HAN300)

CHEMICAL INTAKE CHANGES (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g /kg / d a y
REPORT TYPE : AI 104

ALL ANIMALS

SEX : MALE

PAGE: 5

up Name	Administration (weeks)							
	77	78	82	86	90	94	98	
Control	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000土 0.000	
5000ррт	0.421± 0.073	0.421± 0.073	0.391± 0.076	0.420± 0.107	0.400± 0.095	0.396± 0.090	0.428± 0.115	
10000ррт	0.849± 0.144	0.852± 0.129	0.824± 0.171	0.877± 0.166	0.886± 0.218	0.843± 0.157	0.887± 0.132	
20000ppm	1.774± 0.493	1.748± 0.313	1.597± 0.276	1.670± 0.307	1.689± 0.278	1.774± 0.265	1.809± 0.495	

(HAN300)

CHEMICAL INTAKE CHANGES (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]
UNIT : g / kg / d a y
REPORT TYPE : A1 104

ALL ANIMALS

SEX : MALE

Group Name	Administration 102	(weeks) 104
Control	0.000± 0.000	0.000生 0
5000ррт	0.435± 0.095	0.442± 0
10000ррт	0.893± 0.136	0.931± (
20000ррт	1.755± 0.307	1.904± 0

(HAN300)

BAIS 4

PAGE: 6

APPENDIX F 2

CHEMICAL INTAKE CHANGES: FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g/kg/day

DF1] ALL ANIMALS

REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 7

Administration (weeks)								
1	2	3	4	5	6	7		
0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000土 0.000		
0.950± 0.084	0.917± 0.091	0.897± 0.103	0.907± 0.100	0.864± 0.082	0.862± 0.091	0.806± 0.118		
1.489± 0.147	1.519± 0.173	1.521± 0.154	1.518± 0.163	1.527± 0.198	1.463± 0.154	1.430± 0.140		
2.706± 0.400	2. 323± 0. 335	2. 401 ± 0. 287	2.423± 0.232	2. 421± 0. 318	2.416± 0.385	2. 320± 0. 265		
	1 0.000± 0.000 0.950± 0.084 1.489± 0.147	1 2 0.000± 0.000 0.000± 0.000 0.950± 0.084 0.917± 0.091 1.489± 0.147 1.519± 0.173	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1 2 3 4 5 0.000 ± 0.000 0.000 ± 0.000 0.000 ± 0.000 0.000 ± 0.000 0.000 ± 0.000 0.950 ± 0.084 0.917 ± 0.091 0.897 ± 0.103 0.907 ± 0.100 0.864 ± 0.082 1.489 ± 0.147 1.519 ± 0.173 1.521 ± 0.154 1.518 ± 0.163 1.527 ± 0.198	1 2 3 4 5 6 0.000± 0.000 0.000± 0.000 0.000± 0.000 0.000± 0.000 0.000± 0.000 0.000± 0.000 0.950± 0.084 0.917± 0.091 0.897± 0.103 0.907± 0.100 0.864± 0.082 0.862± 0.091 1.489± 0.147 1.519± 0.173 1.521± 0.154 1.518± 0.163 1.527± 0.198 1.463± 0.154		

(HAN300)

CHEMICAL INTAKE CHANGES (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]
UNIT : g /kg / d a y
REPORT TYPE : AI 104

ALL ANIMALS

SEX : FEMALE

PAGE: 8

oup Name	Administration (weeks)							
	8	9	10	11	12	13	17	
Control	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000 ± 0.000	
5000ррт	0.804± 0.090	0.825± 0.088	0.820± 0.152	0.783± 0.081	0.790± 0.118	0.754± 0.105	0.702± 0.091	
10000ppm	1.438± 0.178	1.438± 0.179	1.415± 0.159	1.387± 0.148	1.432± 0.206	1.313± 0.163	1.248± 0.151	
20000թթա	2. 324± 0. 296	2.447± 0.301	2.297± 0.321	2.293± 0.269	2.326± 0.290	2.241± 0.325	2.289± 0.294	

(HAN300)

CHEMICAL INTAKE CHANGES (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g /kg/day
REPORT TYPE : A1 104

ALL ANIMALS

SEX : FEMALE

PAGE: 9

roup Name	Administration (weeks)								
	21	25	29	33	37	41	45		
Control	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000		
5000ppm	0.672± 0.100	0.629± 0.092	0.585± 0.084	0.587± 0.097	0.562± 0.094	0.561± 0.080	0.564± 0.080		
10000ppm	1. 245± 0. 135	1.112± 0.131	1.055± 0.160	1.028± 0.161	1.045± 0.167	0.998± 0.133	1.009± 0.139		
20000ррт	2.405± 0.295	2.135± 0.347	2.015± 0.258	2.006± 0.394	2.018± 0.351	1.819± 0.345	1.937± 0.297		

(HAN300)

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]
UNIT : g / kg / d a y
REPORT TYPE : A1 104

SEX: FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)

ALL ANIMALS

roup Name	Administration (weeks)									
	49	53	57	61	65	69	73			
Control	0.000士 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000			
5000ppm	0.533± 0.091	0.531± 0.089	0.533± 0.097	0.523± 0.083	0.526± 0.079	0.508± 0.074	0.499± 0.099			
10000ppm	0.978± 0.143	0.998± 0.131	0.970± 0.130	0.933± 0.116	0.979± 0.128	0.985± 0.126	0.935± 0.141			
20000ррт	1.890± 0.268	1.952± 0.333	1.915± 0.327	1.868± 0.343	2.017± 0.315	1.93i± 0.347	1.860 ± 0.327			

(HAN300)

BAIS 4

PAGE: 10

CHEMICAL INTAKE CHANGES (SUMMARY)

STUDY NO.: 0498

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]

UNIT : g / kg / d a y

REPORT TYPE : A1 104

SEX : FEMALE

ALL ANIMALS

PAGE: 11

roup Name	Administration	(weeks)					
	77	78	82	86	90	94	98
Control	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000生 0.000	0.000± 0.000	0.000± 0.000
5000ррт	0.496± 0.091	0.498± 0.087	0.491± 0.085	0.481± 0.109	0.478± 0.084	0.486± 0.099	0.523± 0.119
10000ррт	0.902± 0.133	0.891± 0.173	0.972± 0.179	0.956± 0.164	0.949± 0.198	1.009± 0.388	0.971± 0.302
20000ррт	1.960± 0.345	1.969± 0.381	2.042± 0.307	1.953± 0.418	1.950± 0.427	2.008± 0.367	2.083± 0.441

(HAN300)

CHEMICAL INTAKE CHANGES (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

ALL ANIMALS

UNIT : g/kg/day REPORT TYPE : Al 104

SEX : FEMALE

PAGE: 12

oup Name	Administration 102	(weeks)	
Control	0.000± 0.000	0.000± 0.000	
5000ррт	0.543± 0.092	0.546± 0.085	
10000ррп	1.046± 0.275	1.030± 0.355	
20000ppm	2.158± 0.449	2.129± 0.409	

(HAN300)

APPENDIX G 1

HEMATOLOGY: MALE

HEMATOLOGY (SUMMARY) ALL ANIMALS (105W)

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

PAGE: 1

p Name	NO. of Animals	RED BLO 1 O⁵∕1	OOD CELL	HEMOGLO g/dl	BIN	HEMATOC %	RIT	MCV f L		MCH pg		MCHC g/dl		PLATELE 1 O³/µ	
Control	35	9.52±	1. 35	13.5±	1.8	42.0±	5. 0	44.3±	2.3	14.2生	0.7	32.1±	1.2	1561土	248
5000ppm	34	9.38±	1. 68	13.4±	2. 2	41.9±	6. [45.2±	3.7	14.3±	0.8	31.8±	1.3	1438±	338
10000ррт	41	9.42±	0. 97	13.7±	1.2	42.7±	3. 0	45.6±	3.7	14.6±	0.8	32.0±	1.0	1571±	262
20000ppm	40	9.39±	1. 12	13.4±	1.6	42.1±	4. 3	45.1±	2. 3	14.3±	0.4	31.7±	1. 2	1643±	223

(HCL070)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

MEASURE. TIME: 1

HEMATOLOGY (SUMMARY) ALL ANIMALS (105W)

SEX : MALE	REPORT	TYPE : AI				PAGE: 2
Group Name	NO. of Animals	RETICUL %	OCYTE			
Control	35	3.5±	6.6			
5000ppm	34	3.5±	4. 1			
10000ppm	41	2.9±	2. 1			
20000ppm	40	3.3±	3.6			
Significant o	difference;	*: P ≤ 0.	. 05	** : P ≤ 0.01	Test of Dunnett	
(HCL070)				· <u></u>		BATS 4

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

SEX : MALE REPORT TYPE : A1

ALL ANIMALS (105W)

roup Name	NO. of Animals	₩BC 1 0 ³/μ		Dif N-BAND	ferentia	N-SEG	(6) 	EOSINO		BAS0		MONO		LYMPIIO		OTHER	
Control	35	3.09±	1. 56	1土	1	28±	13	1±	1	0±	0	3±	1	66 生	12	0 4	1
5000ppm	34	3.53±	3. 25	1±	1	28±	14	ι±	1	0±	0	4±	2	65±	13	1±	7
10000թթա	41	2.95±	1. 55	1±	1	26±	11	1±	1	0±	0	4 ±	2	68±	12	0±	I
20000ppm	40	2.28±	1.14*	1±	1	24±	11	ι±	1	0±	0	3±	1	72±	12	0±	1

HEMATOLOGY (SUMMARY)

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

(HCL070)

BAIS 4

PAGE: 3

APPENDIX G 2

HEMATOLOGY: FEMALE

HEMATOLOGY (SUMMARY) ALL ANIMALS (105W)

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

MEASURE. TIME : L

SEX : FEMALE

REPORT TYPE : A1

PAGE: 4

p Name	NO. of Animals	RED BLO 1 0⁵∕µ		HEMOGLO g/dl	BIN	HEMATOC %	RIT	MCV f &		MCH pg		MCHC g∕dl		PLATELE 1 Ο³/μ	
Control	22	8.87±	1. 90	12.9±	2. 6	40.0±	6. 4	46. 2±	6. 2	14.6±	0.9	31.9±	2. 2	910±	309
5000ppm	34	9. 27±	1. 41	13.5±	1.9	41.9±	4.8	45.7±	3.9	14.7±	0.6	32.2±	1.5	971±	336
10000ppm	32	9.61±	0.76	13.8±	1.2	42.6±	2. 9	44.4±	1.8	14.3±	0.6	32.3±	0.9	907±	266
20000ppm	34	9.76±	0. 83	14.0±	1.2	43.8±	2.8*	45.0±	1.8	14.3±	0.4	31.9±	1. 3	1034±	259

(HCL070)

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

HEMATOLOGY (SUMMARY) ALL ANIMALS (105W)

SEX: FEMALE

REPORT TYPE : A1

roup Name	NO. of Animals	RETICULO %	СҮТЕ		
Control	22	5.2±	8. 4		
5000ppm	34	4.1±	4. 5		
10000ppm	32	3.0±	1.9		
20000ррт	34	2.5±	1. 4		
Significant o	ifference;	*: P ≤ 0.	05 **: P ≤ 0.01	Test of Dunnett	-
HCL070)					BAIS 4

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

MEASURE. TIME: 1

SEX : FEMALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY) ALL ANIMALS (105W)

p Name	NO. of Animals	WBC 1 O³∕µl	Dii N-BAND	ferentia	N-SEG	6)	EOSINO		BASO		MONO		LYMPHO		OTHER	<u>-</u>
Control	22	6.95± 16.99	1±	2	26±	13	ι±	2	0±	0	4±	3	63±	15	5 <u>+</u>	1
5000ppm	34	4.37± 5.10	1±	2	26±	14	1±	1	0±	0	4 ±	2	60±	18	8±	1
10000ррт	32	3.95± 7.87	ι±	2	29±	15	1±	2	0±	0	4±	2	61±	16	4±	1
20000ppm	34	4. 15± 9. 21	1±	1	26±	14	1±	3	0±	0	3±	2	62±	18	6±	i

(HCL070)

BAIS 4

APPENDIX H 1

BIOCHEMISTRY: MALE

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

MEASURE. TIME: 1

SEX : MALE

REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (105W)

p Name	NO. of Animals	TOTAL F g/dl	ROTEIN	ALBUMIN g/dl	· · · · · · · · · · · · · · · · · · ·	A/G RAT	10	T-BILI mg∕dl		GLUCOSE mg/dl		T-CHOLES mg/dl	STEROL	TRIGLYC mg/dl	ERIDE
Control	35	5. 1土	0. 7	2.6±	0. 4	1.1±	0. 2	0.13±	0.04	189土	41	112±	44	39±	20
5000ppm	34	5.0±	0.8	2.6±	0.5	1.2±	0. 2	0.13±	0.04	188±	34	108±	33	44±	34
10000ppm	41	4.9±	0. 5	2.7±	0.3	1.2±	0.1*	0.12±	0.01	193±	34	97±	24*	34±	19
20000ppm	40	5.2±	0.6	2.8±	0.4	1.2±	0.2**	0.12±	0.01	191±	27	100±	29*	25±	14**

(HCL074)

BAIS 4

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (105W)

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

SEX : MALE

REPORT TYPE : A1

PAGE: 2

oup Name	NO. of Animals	PHOSPHOI mg/dl	LIPID	AST IU/£	!	ALT I U/l		LDH IU/	2	ALP I U / £		G-GTP I U/l	<u>-</u>	CK I U/l	
Control	35	197土	68	122±	224	56±	78	286±	211	130±	43	1±	1	41上	14
5000ррт	34	191±	50	83±	92	49±	60	310±	219	127±	49	1±	0	59±	35
10000ppm	41	175±	35*	74±	65	36±	45**	299±	294	144±	85	Ι±	1	62±	64
20000ppm	40	181±	44*	57±	20	30±	34**	229±	85	142±	33	1±	0	63±	41

(HCL074)

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (105W)

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]

MEASURE. TIME: 1

SEX : MALE

REPORT TYPE : A1

PAGE: 3

p Name	NO. of Animals	UREA NI mg∕dl	TROGEN	sodium mEq/l		POTASSI m Eq / J		CHLORIDE m Eq / L		CALCIUM mg/dl		INORGAN mg/dl	IC PHOSPHORUS
Control	35	23.4±	6, 6	154±	2	4. 2±	0.3	121±	2	8.9±	0.5	6.3±	1.0
5000ppm	34	22.7±	4. 5	154±	1	4.3±	0.6	121±	3	8.8±	0.4	6.1±	0.8
10000ppm	41	22.1±	3. 9	154±	1	4.1±	0.3	122±	2	8.7±	0.3	6.3±	0.9
20000թթա	40	22.6±	4. 4	154±	2	4.0±	0. 4*	121±	3	8.8±	0. 5	6.6±	1. 0

(HCL074)

APPENDIX H 2

BIOCHEMISTRY: FEMALE

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (105W)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

MEASURE. TIME: 1

SEX : FEMALE

REPORT TYPE : AI

PAGE 4

oup Name	NO. of Animals	TOTAL I	PROTEIN	ALBUMIN g∕dl		A/G RAT	``10	T-BILI mg/dl		GLUCOSE mg/dl		T-CHOLES mg/dl	STEROL	TRIGLYCI mg/dl	ERIDE
Control	22	5.1±	1.1	2.7±	0.3	1.2±	0.3	0.14±	0.05	130±	32	81±	32	34±	27
5000ppm	34	4.9±	0.5	2.7±	0.3	1.3±	0.2	0.14±	0.04	142±	23	79±	19	36±	33
10000ppm	31	5.0±	0.5	2.8±	0.2	1.3±	0.2	0.15±	0.07	137±	34	83±	35	29±	17
20000ppm	33	4.9±	0.8	2.7±	0. 2	1.4±	0.2*	0.12±	0.02	131±	29	74±	18	18±	10*

(HCL074)

SEX : FEMALE

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (105W)

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1]
MEASURE. TIME : 1

REPORT TYPE : A1

PAGE: 5

p Name	NO. of Animals	PHOSPHO mg/dl	LIPID	AST IU/		ALT I U/l		LDH IU/	e	ALP IU/A	!	G-GTP IU/l		I U / X	!
Control	22	140土	49	125±	110	48±	46	809±	1860	215±	112	2±	4	149±	312
5000ppm	34	149±	29	90±	40	34±	19	484±	584	168±	61	1±	1	82±	71
10000ppm	31	144±	33	109±	83	49±	60	424±	641	218±	67	1±	1	99±	72
20000ppm	33	135±	31	81±	58 * *	25±	15**	245±	149**	239±	*18	1±	0	95±	87

(HCL074)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

MEASURE. TIME: 1

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (105W)

up Name	NO. of Animals	UREA N mg/dl	ITROGEN	sodium mEq/l		POTASSI m Eq /		chloride m Eq / l		CALCIUM mg/dl		INORGAN mg/dl	IIC PHOSPHORUS	
Control	22	24.0±	21. 4	152±	2	4.1±	0.4	121±	4	9.1 <u>+</u>	0.7	6.2±	1.9	
5000ррт	34	18.4±	5. 6	153±	2	4.1±	0.4	121±	3	9.0±	0.5	6.0±	0. 9	
10000թթա	31	20.3±	8. 8	153±	2	4.0±	0.4	122±	2	9.0±	0.4	6.0±	0.9	
20000ppm	33	22.6±	12. 4	155±	2≉≉	4.0±	0.3	123±	4*	8.8±	0.5**	6.3±	1. 4	

APPENDIX I 1

URINALYSIS: MALE

URINALYSIS

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

SEX : MALE

REPORT TYPE : A1

PAGE: 1

p Name	NO. of	p[I								Protein	Glucose	Ketone body	Occult blood
	Animals	5. 0	6.0	6.5	7.0	7.5	8.0	8.5	CHI	- ± + 2+ 3+ 4+ CHI	- ± + 2+ 3+ 4+ CHI	- ± + 2+ 3+ 4+ CIII	- ± + 2+ 3+ CIII
Control	35	0	3	8	13	8	2	1		0 11 20 4 0 0	35 0 0 0 0 0	14 15 5 1 0 0	31 0 1 0 3
5000ppm	35	0	7	13	11	4	0	0		0 5 21 8 1 0	35 0 0 0 0 0	10 16 8 1 0 0	29 0 1 1 4
10000ррт	42	0	11	26	5	0	0	0	**	0 12 19 11 0 0	42 0 0 0 0 0	18 11 13 0 0 0	41 0 0 0 1
20000ppm	41	0	10	22	9	0	0	0	**	0 22 17 2 0 0	41 0 0 0 0 0	22 11 7 1 0 0	40 0 0 1 0

(HCL101)

URINALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : AI

Group Name	NO. of Animals	Urobilinogen ± + 2+ 3+ 4+ CNI		
Control	35	35 0 0 0 0		
5000ppm	35	35 0 0 0 0		
10000ppm	42	42 0 0 0 0		
20000ррт	41	41 0 0 0 0		
Significant	difference	; *: P ≤ 0.05 **: P ≤ 0.01	Test of CHI SQUARE	
(HCL101)				BAIS 4

APPENDIX I 2

URINALYSIS: FEMALE

URINALYSIS

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

SEX : FEMALE

REPORT TYPE : A1

PAGE: 3

p Name	NO. of Animals	pH_ 5. 0		6.5	7.0	7.5	8. 0	8.5	CHI	Protein	Glucose - ± + 2+ 3+ 4+ CliI	Ketone body - ± + 2+ 3+ 4+ CHI	Occult blood ± + 2+ 3+ CIII
Control	25	0	0	4	3	3	13	2		1 4 12 8 0 0	25 0 0 0 0 0	6 10 6 3 0 0	22 0 1 2 0
5000ppm	35	0	1	6	9	10	9	0		0 2 16 16 1 0	35 0 0 0 0 0	0 14 14 7 0 0 *	27 2 1 1 4
10000ppm	33	0	2	10	10	10	1	0	**	0 2 11 19 1 0	33 0 0 0 0 0	3 5 17 7 1 0 *	30 0 0 0 3
20000ppm	34	0	4	12	14	4	0	0	**	0 6 15 12 1 0	34 0 0 0 0 0	1 13 10 10 0 0	30 0 0 0 4

(HCL101)

URINALYSIS

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

PAGE: 4 SEX : FEMALE REPORT TYPE : A1 Urobilinogen NO. of Group Name Animals ± + 2+ 3+ 4+ CHI Control 25 25 0 0 0 0 5000ppm 35 35 0 0 0 0 10000ppm 33 0 0 0 0 20000ppm 34 34 0 0 0 0 Significant difference ; $*: P \leq 0.05$ ** : P ≤ 0.01 Test of CHI SQUARE

BAIS 4

(HCL101)

APPENDIX J 1

GROSS FINDINGS: MALE

ALL ANIMALS

STUDY NO. : 0498
ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]

GROSS FINDINGS (SUMMARY) ALL ANIMALS (0-105W)

REPORT TYPE : A1
SEX : MALE

rgan	Findings	Group Name NO. of Animals	Control 50 (%)	5000ppm 50 (%)	10000ppm 50 (%)	20000ppm 50 (%)
kin/app	nodule		0 (0)	0 (0)	0 (0)	1 (2)
	erosion		3 (6)	1 (2)	1 (2)	0 (0)
	scab		3 (6)	3 (6)	0 (0)	0 (0)
ubcutis	mass		3 (6)	4 (8)	0 (0)	1 (2)
ung	white zone		0 (0)	1 (2)	0 (0)	1 (2)
	nodule		9 (18)	14 (28)	7 (14)	8 (16)
ymph node	enlarged		1 (2)	7 (14)	4 (8)	4 (8)
lıymus	enlarged		0 (0)	1 (2)	0 (0)	0 (0)
pleen	enlarged		3 (6)	6 (12)	1 (2)	2 (4)
	red zone		1 (2)	0 (0)	0 (0)	0 (0)
	black zone		1 (2)	0 (0)	2 (4)	3 (6)
	nodule		0 (0)	1 (2)	3 (6)	1 (2)
	deformed		0 (0)	0 (0)	0 (0)	1 (2)
eart	dilated		0 (0)	0 (0)	1 (2)	0 (0)
alivary gl	enlarged		1 (2)	0 (0)	0 (0)	0 (0)
	nodule		0 (0)	1 (2)	1 (2)	0 (0)
orestomach	nodule		1 (2)	1 (2)	1 (2)	2 (4)
l stomach	nodule		0 (0)	0 (0)	2 (4)	1 (2)
iver	enlarged		1 (2)	0 (0)	0 (0)	0 (0)
	pale		1 (2)	0 (0)	0 (0)	0 (0)
	white zone		3 (6)	4 (8)	0 (0)	0 (0)
	red zone		1 (2)	2 (4)	1 (2)	i (2)

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

GROSS FINDINGS (SUMMARY) ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX : MALE

rgan	Findings	Group Name NO. of Animals	50	Control (%)	5	5000p (%)		0	10000ppm (%)	50	20000ppm (%)
iver	nodule		21	(42)	2	1 (42)	1	4	(28)	8	(16)
	deformed		0	(0)		(2)		1	(2)	0	(0)
	nodular		0	(0)		į (2)		0	(0)	0	(0)
all bladd	dilated		1	(2)		(0)		0	(0)	0	(0)
ancreas	nodule		O	(0)		(0)		1	(2)	2	(4)
idney	enlarged		0	(0)		(2)		0	(0)	0	(0)
	atrophic		0	(0)		1 (2)		0	(0)	0	(0)
	white zone		1	(2)		()		0	(0)	0	(0)
	black zone		O	(0)		1 (2)		0	(0)	0	(0)
	nodule		2	(4)		1 (2)		0	(0)	0	(0)
	cyst		1	(2)		()		0	(0)	0	(0)
	hydronephrosis		2	(4)		2 (4)		1	(2)	3	(6)
rin bladd	urine:marked retention		2	(4)		3 (5)		2	(4)	0	(0)
ituitary	nodule		0	(0)		i (2)		0	(0)	0	(0)
estis	enlarged		0	(0)		(0)		1	(2)	0	(0)
oididymis	nodule		1	(2)		(0)		2	(4)	0	(0)
emin ves	black zone		2	(4)		(2)		0	(0)	0	(0)
	nodu] e		0	(0)		0)		1	(2)	0	(0)
rostate	nodule		0	(0)		L (2)		0	(0)	0	(0)
ep/cli gl	enlarged		0	(0)		(0)		1	(2)	0	(0)
	nodule		4	(8)		5 (10)		2	(4)	1	(2)
ain	red zone		0	(0)		1 (2)		0	(0)	0	(0)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

GROSS FINDINGS (SUMMARY) ALL ANIMALS (0-105W)

REPORT TYPE : A1
SEX : MALE

PAGE: 3

Organ	Findings	Group Name Contr NO. of Animals 50 (%)	5000ppm 50 (%)	10000ppm 50 (%)	20000ppm 50 (%)
				. (.)	0 (0)
brain	brown zone	1 (2)	0 (0)	0 (0)	0 (0)
periph nerv	nodule	. 0 (0)	0 (0)	0 (0)	1 (2)
еуе	atrophic	0 (0)	1 (2)	0 (0)	0 (0)
Harder gl	nodule	1 (2)	1 (2)	2 (4)	1 (2)
mediastinum	mass	1 (2)	0 (0)	0 (0)	0 (0)
peritoneum	nodule	1 (2)	0 (0)	0 (0)	0 (0)
retroperit	mass	0 (0)	1 (2)	0 (0)	0 (0)
abdominal c	hemorrhage	1 (2)	0 (0)	2 (4)	0 (0)
	ascites	1 (2)	3 (6)	1 (2)	0 (0)
thoracic ca	hemorrhage	2 (4)	0 (0)	0 (0)	0 (0)
	pleural fluid	0 (0)	2 (4)	2 (4)	1 (2)
other	tail:nodule	0 (0)	3 (6)	0 (0)	0 (0)
	nose:nodule	1 (2)	0 (0)	1 (2)	0 (0)
nhole body	anemic	1 (2)	0 (0)	0 (0)	0 (0)

(IIPT080)

APPENDIX J 2

GROSS FINDINGS : MALE

DEAD AND MORIBUND ANIMALS

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:RDF1]

GROSS FINDINGS (SUMMARY) DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

SEX : MALE

Organ	Findings	Group Name Control NO. of Animals 15 (%)	ol 5000ppm 15 (%)	10000ppm 8 (%)	20000ppm 9 (%)
skin/app	erosion	1 (7)	1 (7)	1 (13)	0 (0)
	scab	1 (7)	3 (20)	0 (0)	0 (0)
subcutis	mass	2 (13)	2 (13)	0 (0)	0 (0)
lung	white zone	0 (0)	1 (7)	0 (0)	0 (0)
	nodu1e	3 (20)	4 (27)	0 (0)	1 (11)
lymph node	enlarged	1 (7)	4 (27)	1 (13)	2 (22)
lhymus	enlarged	0 (0)	1 (7)	0 (0)	0 (0)
spleen	enlarged	3 (20)	5 (33)	0 (0)	1 (11)
	black zone	1 (7)	0 (0)	0 (0)	0 (0)
neart	dilated	0 (0)	0 (0)	1 (13)	0 (0)
salivary gl	enlarged	1 (7)	0 (0)	0 (0)	0 (0)
	nodu1e	0 (0)	0 (0)	1 (13)	0 (0)
Corestomach	nodule	1 (7)	1 (7)	0 (0)	0 (0)
liver	enlarged	1 (7)	0 (0)	0 (0)	0 (0)
	pale	1 (7)	0 (0)	0 (0)	0 (0)
	white zone	1 (7)	2 (13)	0 (0)	0 (0)
	red zone	0 (0)	1 (7)	0 (0)	0 (0)
	nodule	5 (33)	6 (40)	6 (75)	2 (22)
	deformed	0 (0)	1 (7)	1 (13)	0 (0)
gall bladd	dilated	1 (7)	0 (0)	0 (0)	0 (0)
idney	enlarged	0 (0)	1 (7)	0 (0)	0 (0)
	atrophic	0 (0)	1 (7)	0 (0)	0 (0)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

GROSS FINDINGS (SUMMARY) DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1 SEX : MALE

rgan	Findings	Group Name Control NO. of Animals 15 (%)	5000ppm 15 (%)	10000ppm 8 (%)	20000ppm 9 (%)
idney	white zone	1 (7)	0 (0)	0 (0)	0 (0)
	black zone	0 (0)	1 (7)	0 (0)	0 (0)
	nodule	1 (7)	0 (0)	0 (0)	0 (0)
	hydronephrosis	2 (13)	1 (7)	0 (0)	0 (0)
rin bladd	urine:marked retention	2 (13)	3 (20)	2 (25)	0 (0)
vididymis	nodule	0 (0)	0 (0)	1 (13)	0 (0)
emin ves	nodule	0 (0)	0 (0)	1 (13)	0 (0)
rostate	nodule	0 (0)	1 (7)	0 (0)	0 (0)
ep/cli gl	nodule	0 (0)	1 (7)	0 (0)	0 (0)
ain	red zone	0 (0)	1 (7)	0 (0)	0 (0)
	brown zone	1 (7)	0 (0)	0 (0)	0 (0)
eripli nerv	nodule	0 (0)	0 (0)	0 (0)	1 (11)
/e	atrophic	0 (0)	1 (7)	0 (0)	0 (0)
irder gl	nodule	0 (0)	0 (0)	1 (13)	0 (0)
ediastinum	mass	1 (7)	0 (0)	0 (0)	0 (0)
dominal c	hemorrhage	1 (7)	0 (0)	2 (25)	0 (0)
	ascites	1 (7)	1 (7)	1 (13)	0 (0)
ютасіс са	hemorrhage	2 (13)	0 (0)	0 (0)	0 (0)
	pleural fluid	0 (0)	1 (7)	1 (13)	1 (11)
her	tail:nodule	0 (0)	1 (7)	0 (0)	0 (0)
	nose:nodule	1 (7)	0 (0)	1 (13)	0 (0)
ole body	anemic	1 (7)	0 (0)	0 (0)	0 (0)

APPENDIX J 3

GROSS FINDINGS: MALE

SACRIFICED ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1

GROSS FINDINGS (SUMMARY) SACRIFICED ANIMALS (105W)

SEX : MALE

PAGE: 1	
---------	--

rgan	Findings	Group Name NO. of Animals	Con 35 (%)	atrol 5000 35 (%)		10000ppm (%) 41	2000 (%))Oppm
kin/app	nodule		0 (0)	0 (0)	0	(0)	. (2)	ı
	erosion		2 (6)	0 (0)	0	(0)	(0)	ı
	scab		2 (6)	0 (0)	0	(0)	(0)	
ubcutis	mass		1 (3)	2 (5)	3	(0)	(2)	i
ung	white zone		0 (0)	0 (0)	0	(0)	(2)	i
	nodule		6 (17)	10 (29)	7	(17)	(17)	r
ymph node	enlarged		0 (0)	3 (9)	3	(7) 2	(5)	
pleem	enlarged		0 (0)	1 (3)	1	(2)	(2)	1
	red zone		1 (3)	0 (0)	0	(0)	(0)	i
	black zone		0 (0)	0 (0)	2	(5) 3	(7)	i
	nodule		0 (0)	1 (3)	3	(7)	(2)	1
	deformed		0 (0)	0 (0)	0	(0)	(2)	i
alivary gl	nodule		0 (0)	1 (3)	0	(0)	(0)	i
orestomach	nodule		0 (0)	0 (0)	1	(2) 2	(5)	
stomach	nodule		0 (0)	0 ()	2	(5)	(2)	ı
ver	white zone		2 (6)	2 (6)	0	(0)	(0)	
	red zone		1 (3)	1 (3)	I	(2)	(2)	í
	nodule		16 (46)	15 (43)	8	(19)	(15)	ı
	nodular		0 (0)	1 (3)	0	(0)	(0)	ı
ncreas	nodule		0 (0)	0 (0)	i	(2) 2	(5)	
dney	nodule		1 (3)	1 (3)	0	(0)	(0)	ı
	cyst		1 (3)	0 (0)	0	(0)	(0)	J

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

GROSS FINDINGS (SUMMARY) SACRIFICED ANIMALS (105W)

REPORT TYPE : A1

SEX : MALE

PAGE: 2

rgan	Findings	Group Name NO. of Animals 3	Control 5 (%)	5000ppm 35 (%)	10000ppm 42 (%)	20000pp 41 (%)
idney	hydronephrosis		0 (0)	1 (3)	1 (2)	3 (7)
ituitary	nodule		0 (0)	1 (3)	0 (0)	0 (0)
stis	enlarged		0 (0)	0 (0)	1 (2)	0 (0)
ididymis	nodule		1 (3)	0 (0)	1 (2)	0 (0)
min ves	black zone		2 (6)	1 (3)	0 (0)	0 (0)
ep/cli gl	enlarged		0 (0)	0 (0)	1 (2)	0 (0)
	nodule		4 (11)	4 (11)	2 (5)	1 (2)
rder gl	nodule		1 (3)	1 (3)	1 (2)	1 (2)
ritoneum	nodule		1 (3)	0 (0)	0 (0)	0 (0)
troperit	mass		0 (0)	1 (3)	0 (0)	0 (0)
dominal c	ascites		0 (0)	2 (6)	0 (0)	0 (0)
oracic ca	pleural fluid		0 (0)	I (3)	1 (2)	0 (0)
her	tail:nodule		0 (0)	2 (6)	0 (0)	0 (0)

(HPT080)

APPENDIX J 4

GROSS FINDINGS : FEMALE

ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

GROSS FINDINGS (SUMMARY) ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

rgan	Findings	Group Name NO. of Animals	Control 50 (%)	5000ppm 50 (%)	10000ppm 50 (%)	20000ppm 50 (%)
kin/app	nodule		0 (0)	1 (2)	0 (0)	1 (2)
	scab		0 (0)	0 (0)	1 (2)	0 (0)
ubcutis	edema		5 (10)	2 (4)	2 (4)	1 (2)
	mass		1 (2)	4 (8)	4 (8)	1 (2)
ing	red		1 (2)	0 (0)	. 0 (0)	0 (0)
	nodule		2 (4)	2 (4)	3 (6)	3 (6)
mph node	enlarged		13 (26)	10 (20)	9 (18)	5 (10)
iymus	enlarged		0 (0)	1 (2)	0 (0)	0 (0)
leen	enlarged		15 (30)	12 (24)	5 (10)	5 (10)
	White zone		1 (2)	0 (0)	0 (0)	0 (0)
	black zone		0 (0)	0 (0)	1 (2)	1 (2)
	nodule		0 (0)	0 (0)	2 (4)	1 (2)
eart	white zone		1 (2)	0 (0)	0 (0)	0 (0)
alivary gl	white zone		0 (0)	1 (2)	0 (0)	0 (0)
restomach	nodule		2 (4)	0 (0)	0 (0)	2 (4)
stomach	thick		0 (0)	1 (2)	0 (0)	0 (0)
omach	adhesion		0 (0)	0 (0)	0 (0)	1 (2)
all intes	nodule		0 (0)	0 (0)	0 (0)	1 (2)
	adhesion		0 (0)	0 (0)	: (2)	0 (0)
	dilated		0 (0)	0 (0)	1 (2)	0 (0)
rge intes	nodule		0 (0)	0 (0)	0 (0)	1 (2)

3 (6)

4 (8)

3 (6)

liver

enlarged

2 (4)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

GROSS FINDINGS (SUMMARY) ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

gan	Findings	Group Name NO. of Animals	50	Control (%)	50	5000ppm (%)	50	10000ppm (%)	50	20000ppm (%)
ver	white zone		7	(14)	6	(12)	7	(14)	7	(14)
	red zone		2	(4)	3	(6)	5	(10)	2	(4)
	nodule	•	8	(16)	6	(12)	16	(32)	6	(12)
ncreas	nodule		1	(2)	0	(0)	1	(2)	0	(0)
dney	enlarged		1	(2)	0	(0)	0	(0)	0	(0)
	white zone		0	(0)	0	(0)	0	(0)	1	(2)
	nodule		0	(0)	1	(2)	1	(2)	0	(0)
	hydronephrosis		3	(6)	0	(0)	1	(2)	0	(0)
eter	thick		0	(0)	0	(0)	0	(0)	1	(2)
tuitary	enlarged		3	(6)	2	(4)	0	(0)	1	(2)
	red		0	(0)	0	(0)	1	(2)	0	(0)
	red zone		1	(2)	3	(6)	0	(0)	1	(2)
	nodule		1	(2)	0	(0)	0	(0)	2	(4)
ary	enlarged		3	(6)	8	(16)	3	(6)	4	(8)
	red		0	(0)	1	(2)	0	(0)	0	(0)
	nodule		0	(0)	1	(2)	0	(0)	0	(0)
	cyst		4	(8)	7	(14)	7	(14)	6	(12)
erus	nodul e		13	(26)	10	(20)	10	(20)	11	(22)
ain	enlarged		0	(0)	0	(0)	1	(2)	0	(0)
	red zone		1	(2)	0	(0)	0	(0)	0	(0)
riph nerv	red		0	(0)	0	(0)	1	(2)	0	(0)
rder gl	enlarged		0	(0)	1	(2)	1	(2)	0	(0)

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

GROSS FINDINGS (SUMMARY) ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

PAGE: 6

Organ	Findings		Control (%) 50	5000ppm (%) 50	10000ppm (%) 50	20000ppm (%)
	,					
larder gl	nodule	2	(4) 0	(0) 0	(0) 1	(2)
nediastinum	mass	1 ((2) 4	(8) 1	(2) 2	(4)
eritoneum	nodule	1 ((2) 0	(0) 0	(0) 0	(0)
	mass	0 ((0) 1	(2) 0	(0) 0	(0)
	nodular	0 0	(0) 0	(0) 1	(2) 0	(0)
	thick		(6) 1	(2) 0	(0) 0	(0)
odominal c	hemorrhage		(2) 2	(4) 0	(0) 2	(4)
	ascites	12	(24) 8	(16) 7	(14) 3	(6)
noracic ca	pleural fluid	14	(28) 9	(18) 6	(12) 4	(8)
ther	tail:nodule	0 ((0) 0	(0) 0	(0) 1	(2)
hole body	anemic	2 ((4) 1	(2) 0	(0) 0	(0)

(HPT080)

APPENDIX J 5

GROSS FINDINGS : FEMALE

DEAD AND MORIBUND ANIMALS

ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]

GROSS FINDINGS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

rgan	Findings	Group Name NO. of Animals	26	6 (Control %)	16	5000ppm (%)	18	10000ppm (%)	16	20000ppm (%)
kin/app	nodule		() (0)	1	(6)	0	(0)	0	(0)
	scab		() (0)	0	(0)	1	(6)	0	(0)
ubcutis	edema		;	5 (19)	2	(13)	2	(11)	1	(6)
	mass		1	ι (4)	0	(0)	2	(11)	0	(0)
ung	red		1	ι (4)	0	(0)	0	(0)	0	(0)
	nodule		1	ι (4)	0	(0)	1	(6)	1	(6)
ymph node	enlarged		ę) (35)	6	(38)	5	(28)	2	(13)
hymus	enlarged		() (0)	1	(6)	0	(0)	0	(0)
leen	enlarged		10) (38)	7	(44)	3	(17)	4	(25)
	white zone		1	ι (4)	0	(0)	0	(0)	0	(0)
	black zone		() (0)	0	(0)	1	(6)	0	(0)
	nodule		() (0)	0	(0)	2	(11)	I	(6)
eart	white zone		1	ι (4)	0	(0)	0	(0)	0	(0)
alivary gl	white zone		() (0)	1	(6)	0	(0)	0	(0)
orestomach	nodule		() (0)	0	(0)	0	(0)	1	(6)
l stomach	thick		() (0)	1	(6)	0	(0)	0	(0)
tomach	adhesion		() (0)	0	(0)	0	(0)	1	(6)
all intes	nodule		() (0)	0	(0)	0	(0)	1	(6)
	adhesion		() (0)	0	(0)	1	(6)	0	(0)
	dilated		() (0)	0	(0)	1	(6)	0	(0)
rge intes	nodule		() (0)	0	(0)	0	(0)	1	(6)
ver	enlarged		3	3 (12)	4	(25)	3	(17)	2	(13)

STUDY NO. : 0498 ANIMAL

: MOUSE B6D2F1/Crlj[Crj:BDF1]

GROSS FINDINGS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

Organ	Findings	Group Name NO. of Animals	26 (9	Control %) 10	5000ppm 6 (%)	18	10000ppm (%)	16	20000ppm (%)
liver	white zone		7 (97)	5 (31)	6	(33)	7	(44)
11.01	red zone		0 (0 (0)		(6)		(0)
	nodule		4 (2 (13)		(11)		(13)
	nodule						(0)		(0)
pancreas			1 (0 (0)				
kidney	white zone		0 (0 (0)		(0)		(6)
	nodule		0 (0 (0)		(6)		(0)
	hydronephrosis		1 (4)	0 (0)	1	(6)	0	(0)
pituitary	enlarged		2 (8)	0 (0)	0	(0)	0	(0)
	red		0 (0)	0 (0)	1	(6)	0	(0)
	red zone		0 (0)	1 (6)	0	(0)	0	(0)
	nodule		0 (0)	0 (0)	0	(0)	1	(6)
ovary	enlarged		2 (8)	6 (38)	2	(11)	4	(25)
	cyst		3 (12)	3 (19)	1	(6)	0	(0)
uterus	nodule		11 (42)	6 (38)	7	(39)	7	(44)
brain	enlarged		0 (0)	0 (0)	1	(6)	0	(0)
	red zone		1 (4)	0 (0)	0	(0)	0	(0)
periph nerv	red		0 (0)	0 (0)	1	(6)	0	(0)
Harder gl	enlarged		0 (0)	1 (6)	1	(6)	0	(0)

2 (8)

1 (4)

1 (4)

3 (12)

0 (0)

3 (19)

0 (0)

1 (6)

0 (0)

1 (6)

0 (0)

0 (0)

mediastinum

peritoneum

nodule

mass

nodule

thick

0 (0)

1 (6)

0 (0)

0 (0)

GROSS FINDINGS (SUMMARY)

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1 SEX : FEMALE

PAGE: 5

Organ	Findings	Group Name NO. of Animals	26	Control	10	5000ppm 5 (%)	18	10000ppm (%)	16	20000ppm (%)
abdominal c	hemorrhage		1	(4)	;	2 (13)	0	(0)	2	(13)
	ascites		8	(31)	:	3 (19)	2	(11)	0	(0)
horacic ca	pleural fluid		12	(46)		3 (50)	5	(28)	2	(13)
ther	tail:nodule		0	(0)	() (0)	0	(0)	1	(6)
nole body	anemic		2	(8)		l (6)	0	(0)	0	(0)

(HPT080)

APPENDIX J 6

GROSS FINDINGS : FEMALE

SACRIFICED ANIMALS

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

GROSS FINDINGS (SUMMARY) SACRIFICED ANIMALS (105W)

REPORT TYPE : A1

: FEMALE SEX

gan	Findings	Group Name NO. of Animals	24	Control (%)	34	5000ppm (%)	32	10000ppm (%)	34	20000ppm (%)
in/app	nodu1e		0	(0)	0	(0)	0	(0)	1	(3)
bcutis	mass		0	(0)	4	(12)	2	(6)	1	(3)
nig	nodule		1	(4)	2	(6)	2	(6)	2	(6)
mph node	enlarged		4	(17)	4	(12)	4	(13)	3	(9)
spleen	enlarged		5	(21)	5	(15)	2	(6)	ı	(3)
	black zone		0	(0)	0	(0)	0	(0)	1	(3)
restomach	nodule		2	(8)	0	(0)	0	(0)	1	(3)
liver	white zone		0	(0)	1	(3)	1	(3)	0	(0)
	red zone		2	(8)	3	(9)	4	(13)	2	(6)
	nodule		4	(17)	4	(12)	14	(44)	4	(12)
ncreas	nodule		0	(0)	0	(0)	1	(3)	0	(0)
kidney	cularged		1	(4)	0	(0)	0	(0)	0	(0)
	nodule		0	(0)	1	(3)	0	(0)	0	(0)
	hydronephrosis		2	(8)	0	(0)	0	(0)	0	(0)
eter	thick		0	(0)	0	(0)	0	(0)	1	(3)
oituitary	enlarged		1	(4)	2	(6)	0	(0)	1	(3)
	red zone		1	(4)	2	(6)	0	(0)	1	(3)
	nodule		1	(4)	0	(0)	0	(0)	1	(3)
vary	enlarged		1	(4)	2	(6)	1	(3)	0	(- 0)
	red		0	(0)	1	(3)	0	(0)	0	(0)
	nodule		0	(0)	1	(3)	0	(0)	0	(0)
	cyst		1	(4)	4	(12)	6	(19)	6	(18)

: MOUSE B6D2F1/Crlj[Crj:BDF1]

GROSS FINDINGS (SUMMARY) SACRIFICED ANIMALS (105W)

ANIMAL : MOUS
REPORT TYPE : A1

SEX : FEMALE

PAGE: 4

Organ	Findings	Group Name NO. of Animals	24	Control (%)	34	5000ppm (%)	32	10000ppm (%)	34	20000ppm (%)
uterus	nodule		2	(8)	4	(12)	3	(9)	4	(12)
Harder gl	nodule			(0)		(0)		(0)		(3)
mediastinum	mass		0	(0)	1	(3)	0	(0)	1	(3)
peritoneum	mass		0	(0)	1	(3)	0	(0)	0	(0)
	nodular		0	(0)	0	(0)	1	(3)	0	(0)
abdominal c	ascites		4	(17)	5	(15)	5	(16)	3	(9)
thoracic ca	pleural fluid		2	(8)	1	(3)	1	(3)	2	(6)

(HPT080)

BAIS 4

APPENDIX K 1

ORGAN WEIGHT, ABSOLUTE: MALE

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : MALE UNIT: g ORGAN WEIGHT: ABSOLUTE (SUMMARY)

SURVIVAL ANIMALS (105W)

Group Name NO. of Body Weight ADRENALS TESTES HEART LUNGS KIDNEYS Animals 0.646生 0.044 Control 35 45.0土 7.8 0.011± 0.002 0.233± 0.028 0.227± 0.021 0.200 生 0.026 5000ppm 35 44.5± 8.0 0.011± 0.002 0.228± 0.025 0.221 ± 0.029 0.244± 0.126 0.668± 0.078 10000ppm 42 37.9± 5.6** 0.011± 0.002 0.256± 0.213 0.212± 0.089 0.638± 0.059 0.202± 0.020** 20000թթա 41 32.3± 4.3** 0.011± 0.003 0.217± 0.027 0.185± 0.016** 0.202士 0.078** 0.840± 1.256** Significant difference; $*:P \leq 0.05$ **: $P \leq 0.01$ Test of Dunnett

(IICLO40)

BAIS 4

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1

SEX : MALE UNIT: g

ORGAN WEIGHT: ABSOLUTE (SUMMARY)

SURVIVAL ANIMALS (105W)

NIT: g					PAGE : 2
roup Name	NO. of Animals	SPLEEN	LIVER	BRAIN	
Control	35	0.098± 0.084	1.661± 0.458	0.449± 0.015	
5000ppm	35	0.165± 0.312	1.985± 1.090	0.445± 0.015	
10000ppm	42	0.101± 0.065	1.524± 0.381*	0.443± 0.017	
20000րթա	41	0.118± 0.264	1.379± 0.281**	0.436± 0.013**	
Significant	difference;	* : P ≤ 0.05 *	:: P ≤ 0.01	Test of Dunnett	
ICL040)					BAIS 4

APPENDIX K 2

ORGAN WEIGHT, ABSOLUTE: FEMALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE UNIT: g

ORGAN WEIGHT: ABSOLUTE (SUMMARY)

SURVIVAL ANIMALS (105W)

HEART LUNGS KIDNEYS Group Name NO. of Body Weight ADRENALS OVARIES Animals Control 24 31.3± 5.3 0.015± 0.002 0.140± 0.441 0.182± 0.031 0.219 ± 0.079 0.569 ± 0.356 0.200± 0.026 0.461± 0.064 5000ppm 34 31.9± 4.0 0.014± 0.003 0.092± 0.143 0.172± 0.020 0.190± 0.019 0.457± 0.042 10000ppm 32 29.4± 4.1 0.014± 0.003 0.078± 0.127 0.163± 0.017** 0.188± 0.019 0.444± 0.057 20000ppm 34 24.8± 2.5** 0.014± 0.003 0.052± 0.039 0.153± 0.018** Test of Dunnett Significant difference; $*: P \leq 0.05$ ** : P ≤ 0.01

(HCL040)

BAIS 4

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE UNIT: g

ORGAN WEIGHT: ABSOLUTE (SUMMARY)

SURVIVAL ANIMALS (105W)

oup Name	NO. of Animals	SPL	EEN	LIV	ER	BRA	N	
Control	24	0.419±	0.967	1.514 <u>+</u>	0.365	0.466土	0. 016	
5000ррт	34	0.210±	0. 127	1.659±	0. 786	0.465±	0.016	
10000ррт	32	0.169±	0. 165	1.864±	2. 509	0.461±	0.016	
20000թթա	34	0.118±	0.109**	1.190±	0. 176**	0.455±	0.017	
Significant	difference;	*: P ≤ 0.	05 **	: P ≤ 0.01			Test of Dunnett	
CL040)								BA

APPENDIX L 1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : MALE UNIT: %

ORGAN WEIGHT: RELATIVE (SUMMARY)

SURVIVAL ANIMALS (105W)

up Name	NO. of Animals	Body Weight (g)	ADRENALS	TESTES	HEART	LUNGS	KIDNEYS
Control	35	45.0± 7.8	0.026± 0.007	0.532± 0.112	0.520± 0.112	0.456± 0.093	1.476± 0.280
5000ppm	35	44.5± 8.0	0.025± 0.007	0.529± 0.117	0.512± 0.111	0.580± 0.431	1.538± 0.274
10000ppm	42	37.9± 5.6**	0.029± 0.007	0.699 ± 0.655★	0.542± 0.071	0.571± 0.273**	1.707± 0.201**
20000ppm	41	32.3± 4.3**	0.035± 0.010**	0.681 ± 0.123**	0.580± 0.066**	0.631± 0.240**	2.623± 3.835**

(HCL042)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

ORGAN WEIGHT: RELATIVE (SUMMARY)

REPORT TYPE : A1

SEX : MALE UNIT: %

SURVIVAL ANIMALS (105W)

p Name	NO. of Animals	SPLEEN	LIVER	BRAIN	
Control	35	0.236± 0.252	3.826± 1.610	1.027± 0.191	
5000ppm	35	0.376± 0.703	4.603 ± 2.639	1.035± 0.212	
10000թթա	42	0.279± 0.203	4.095± 1.194*	1.192± 0.172**	
20000թրա	41	0.384± 0.876	4.315± 1.005**	1.368± 0.169**	

APPENDIX L 2

ORGAN WEIGHT, RELATIVE : FEMALE

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE UNIT: %

ORGAN WEIGHT: RELATIVE (SUMMARY)

SURVIVAL ANIMALS (105W)

PAGE: 3

roup Name	NO. of Animals	Body Weight (g)	ADRENALS	OVARIES	HEART	LUNGS	KIDNEYS	
Control	24	31.3± 5.3	0.049± 0.009	0.408± 1.181	0.595± 0.136	0.717± 0.286	1.926± 1.548	
5000ppm	34	31.9± 4.0	0.045± 0.010	0.284± 0.451	0.542± 0.053	0.635± 0.109	1.461 ± 0.226	
10000ррт	32	29.4± 4.1	0.047± 0.008	0.268± 0.465	0.565± 0.090	0.658± 0.110	1.581± 0.222	
20000թբա	34	24.8± 2.5**	0.055± 0.010	0.210± 0.162	0.621± 0.073*	0.763± 0.087 **	1.807± 0.282**	
Significant	difference ;	* : P ≤ 0.05 **	: P ≤ 0.01	Tes	st of Dunnett			
IICL042)								BAI

(IICL042)

STUDY NO. : 0498 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE UNIT: %

ORGAN WEIGHT: RELATIVE (SUMMARY)

SURVIVAL ANIMALS (105W)

BX : FEMALE NIT: %					PAGE: 4
roup Name	NO. of Animals	SPLEEN	LIVER	BRAIN	
Control	24	1. 391 ± 3. 281	4.906± 1.265	1. 522 ± 0. 234	
5000ppm	34	0.657± 0.380	5. 171± 2. 049	1. 483 ± 0. 210	
10000ppm	32	0.581± 0.564	6.144± 7.08i	1.599± 0.229	
20000ppm	34	0.486± 0.478	4.804± 0.529	1.854± 0.166**	
Significant	difference ;	*: P ≤ 0.05 **:	P ≤ 0.01	Test of Dunnett	
HCL042)					BAIS 4

APPENDIX M 1

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : MALE

ALL ANIMALS

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : MOUSE BGD2Ft/Cr1j[Crj:BDF1] ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : MALE

Organ		Group Name Control No. of Animals on Study 50 Grade 1 2 3 4 (%) (%) (%) (%) (%)	5000ppm 50 1 2 3 4 %) (%) (%) (%)	10000ррш 50 <u>1 2 3 4</u> (%) (%) (%) (%)	20000ppm 50 1 2 3 4 (%) (%) (%) (%)
{Integumentar	y System/appandage)				
skin/app	ulcer	<50> 1 0 0 0 (2) (0) (0) (0)	<50> 1 0 0 0 (2) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	(50) 0 0 0 0 0 (0) (0) (0) (0)
	inflammation	1 2 0 0 0 (2) (4) (0) (0)	0 0 1 0	0 L 0 0 (0) (2) (0) (0)	0 0 0 0 0
	scab	0 0 0 0 0	1 0 0 0 0 (2) (0) (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0
	epidermal cyst	0 0 0 0 0		0 0 0 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0)
subcutis	hemorrhage	<50> 0 0 0 0 (0) (0) (0) (0)	<50> 1 0 0 0 (2) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	(50) 0 0 0 0 (0) (0) (0) (0)
	inflammation	0 1 1 0 0 0 0 0 0	0 0 1 0	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
{Respiratory	system)				
nasal cavit	inflammation	<50> 0 0 0 0 (0) (0) (0) (0)	<pre></pre>	<50> 0 0 0 0 (0) (0) (0) (0)	(50) 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			

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1] HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : MALE

PAGE: 2

		Group Name No. of Animals on Study	50	Contro	1			5000 ₁	mqq				100 50	00թթո	ı				2000 50)0ppr	m
gan		Grade 1 (%)	2	3 (%)	<u>4</u> (%)	<u>1</u> (%)	2 (%)	3 (%)	(%		(%)	<u>2</u> (%)		3 %)	<u>4</u> (%)	7	<u>1</u> (%)	2 (%)	;	3 %)	(%)
espiratory	system)																				
sal cavit	hyperplasie:gland	(2)	<500 0 (0) (0	0 ()	0 (0)	0	50> 0 (0)	0		0	0		0 0) (0		0 0) (0 0 0)		0 0) (0 (0)
	eosinophilic change:olfactory epitheli		1 (2) (0	0 (0)	14 (28)	0 (0)	0 (0)	0		21 42)	(0)		o o) (0		15 30) (0 (0)		0 0) (0 (0)
	eosinophilic change:respiratory epithe	18 (36)	1 (2) (0	0 (0)	12 (24)	0 (0)	0 (0)	0) (18 36)	0 (0)		0 0) (0 0)		23 16) (1 2)		0 0) (0
	inflammation:foreign body	2 (4)	0 (0) (0)	0 (0)	0 (0)	0 (0)	0 (0)	(0) (0 0)	1 (2)) (0 0) (0 0)	(0 0) (0 (0)		0 0) (0
	respiratory metaplasia:olfactory epith		0 (0) (0 0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0) (1 2)	0 (0)) (0 0) (0 0)	(0 0) (0 (0)		0 0) (0
	respiratory metaplasia:gland	5 (10)	0 (0) (0	0 (0)	3 (6)	1 (2)	0 (0)	0) (5 10)	0 (0)		0 0) (0 0)	(3 6) (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	(1 2) (0 (0)		0 0) (0
sopharynx	eosinophilic change	2 (4)	<50: 0 (0) (0	0	3 (6)	0	50> 0 (0)	0 (0		1 2)	0		0 0) (0 0)	(2 4) (0 (0)		0 0) (((

Significant difference ; * : $P \le 0.05$ ** : $P \le 0.01$ Test of Chi Square

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

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX : MALE

	Group Name	_		ol				5000p	pm				_	ppm					զգ00	m
Findings	Grade 1	2	0 3 (%)	(%)		6)	2	3 (%)	(%)		<u>1</u> (%)	2 (%)	3 (%)	(%)	٠	<u>1</u> (%)	2 (%)	:		(%)
stem}																				
hemorrhage		0	0	0 (0)			0	0	0 (0)	(0 0) (0	0	0 (0)	(0 0)	0			0 0)
inflammation	1 (2)	0 (0)	0 (0)	0 (0)	(())) (0 0) (0 0)	0 (0)	(0 0) (0 0)	0 (0)	0 (0)	(2 4)	0 (0)			0 0)
inflammatory infiltration	0 (0)	0 (0)	0 (0)	0 (0)	(2	2) (1 2) (0 0)	0 (0)	(0	0 0)	0 (0)	0 (0)	(0 0)	0 (0)		0 0) (0 0)
lymphocytic infiltration			0 (0)	0 (0)			0 0) (0 0)	0 (0)	(0 0) (0 0)	0 (0)	0 (0)	(0	0 (0)			0
bronchiolar-alveolar cell hyperplasia			0 (0)	0 (0)			2 4) (0 0)	0 (0)	(4 8) (0	0 (0)	0 (0)	(4 8)	0 (0)		0 0) (0
system)																				
angiectasis		0	0	0 (0)			0	0	0 (0)	(0	0	0	0 (0)	(0 0)	0			0
granulation			0 (0)	0 (0)	(2	l 8) (0 0) (0 0)	0 (0)	(0 0) (0	0 (0)	0 (0)	(0 0)	0 (0)		-	0
	hemorrhage inflammation inflammatory infiltration lymphocytic infiltration bronchiolar-alveolar cell hyperplasic system) angiectasis	No. of Animals on Study Grade 1 (%)	No. of Animals on Study Grade 1 2 2 (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%)	No. of Animals on Study 50 Grade 1 2 3 (%) (No. of Animals on Study 50 3 4 2 3 4 4 (%)	No. of Animals on Study 50 Grade 1 2 3 4 (%) (%) (%) (%) (%) (%) (%) (%) (%) (%)	No. of Animals on Study	No. of Animals on Study 50 50 1 2 3 4 1 2 3 4 1 2 3 4	No. of Animals on Study 50 50 1 2 3 4 1 2 3 3 4 3 4 3 4 4 4 4	No. of Animals on Study	No. of Animals on Study	No. of Animals on Study 50 50 50 1 2 3 4 1 2 3 4 (88) (96) (96) (96) (88) (96) (96) (88) (96) (96) (96) (88) (96) (96) (96) (88) (96) (96) (96) (96) (88) (96) (96) (96) (96) (88) (96) (96) (96) (96) (96) (96) (96) (96	No. of Animals on Study 50 50 50 1 2 3 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 1 2 4	No. of Animals on Study 50 3 4 1 2 2 3 4 1 2 2 3 4 1 2 2 3 4 1 2 2 2 2 2 2 2 2 2	No. of Animals on Study 50	No. of Animals on Study 50 50 50 50 50 50 50 5	No. of Animals on Study 50	No. of Animals on Study 50 50 50 50 50 50 50 5	No. of Animals on Study 50	No. of Animals on Study

ANIMAL

: MOUSE BGD2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : MALE HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

5000ррш Group Name 10000ppm 20000ppm Control No. of Animals on Study 50 50 50 50 Grade Organ_ Findings. (%) (%) (%) (%) (%) (%) (%) (%) (%) {Hematopoietic system} bone marrow <50> increased hematopoiesis 0 0 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) erythropoiesis:increased 1 0 0 0 0 0 0 0 0 0 0 0 0 (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (2)(0)(0)(0) hyperplasia:mast cell 0 1 0 0 0 0 0 0 0 (0)(2)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) granulopoiesis:increased (2)(0)(0)(0) (0)(0)(8)(0) (0)(0)(0)(0) (0)(0)(0)(0) lymph node ⟨50⟩ ⟨50⟩ ⟨50⟩ <50> lymphadenitis 0 0 0 0 2 0 0 0 0 0 0 0 0 0 (0)(0)(0)(0) (0)(0)(4)(0) (0)(0)(0)(0) (0)(0)(0)(0) spleen <50> <49> <50> angiectasis 0 0 0 0 0 0 0 (0)(0)(0)(0) (0)(2)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) deposit of melanin 1 0 0 0 0 0 3 0 0 3 0 0 0 (2)(0)(0)(0) (0)(0)(0)(0) (6)(0)(0)(0) (6)(0)(0)(0)

Grade

1 : Slight

2 : Moderate

3 : Marked

4 : Severe

(a)

a: Number of animals examined at the site

b

b: Number of animals with lesion

(c)

c:b/a * 100

Significant difference ; * : P \leq 0.05 ** : P \leq 0.01 Test of Chi Square

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 : MALE SEX

5000ppm 10000ррш 20000ppm Group Name Control 50 50 50 No. of Animals on Study (%) (%) (%) (%) Findings, {Hematopoietic system} spleen 5 2 0 2 6 0 extramedullary hematopoiesis (8) (10) (2) (0) (2)(4)(0)(0) (6)(10)(4)(0) (14) (4) (12) (0) 0 0 follicular hyperplasia (6)(0)(0)(0) (4)(0)(0)(0) (6)(2)(2)(0) (2)(0)(0)(0) {Circulatory system} heart <50> 0 0 0 0 thrombus (0)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) <50> artery/aort 0 1 0 0 1 0 0 0 0 0 0 arteritis (0)(0)(2)(0) (0)(0)(2)(0) (2)(0)(0)(0) (0)(0)(0)(0) (Digestive system) <50> <50> stomach 0 0 mineralization 0 0 (0)(0)(0)(0) (2)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) Grade I : Slight 2 : Moderate 3 : Marked 4 : Severe < a > a: Number of animals examined at the site b b: Number of animals with lesion c:b/a * 100

Significant difference; $*: P \le 0.05$ **: $P \le 0.01$ Test of Chi Square

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0-105W)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1

SEX : MALE

PAGE: 6

Organ	Findings	Group Name Cont No. of Animals on Study 50 Grade 1 2 3 (%) (%) (%)	4 1	5000ppm 50 2 3 4 6) (%) (%) (%)	10000ppm 50 1 2 3 4 (%) (%) (%) (%)	20000ppm 50 1 2 3 4 (%) (%) (%)
{Digestive :	system)					
stomach	inflammatory infiltration	(50) 1 0 0 (2) (0) (0)	0 1	<50> 0 0 0 2) (0) (0) (0)	0 0 0 0 0 0 (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)
	ulcer:forestomach	1 0 0 (2) (0) (0)	0 1 (0) (2)	0 0 0 0	0 0 0 0 0 (0) (0)	1 0 0 0 0 (2) (0) (0) (0)
	hyperplasia:forestomach	2 0 0 (4) (0) (0)	0 0	1 0 0	0 3 0 0	2 1 0 0 (4) (2) (0) (0)
	erosion:glandular stomach	5 0 0 (10) (0) (0)	0 7 (0) (14)	7 0 0 0 0	5 0 0 0 (10) (2) (3)	3 0 0 0 0
	ulcer:glandular stomach	0 0 0 (0) (0)	0 0	0 0 0 0	0 0 0 0	1 0 0 0 0 (2) (3) (4)
	hyperplasia:glandular stomach	11 32 0 (22) (64) (0)	0 14 (0) (28)	i 31 0 0 s) (62) (0) (0)	12 34 0 0 (24) (63) (0) (0)	14 32 0 0 (28) (64) (0) (0)
	dilated glands	1 0 0 (2) (0) (0)	0 1 (2)	0 0 0 0	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
liver	herniation	<50> 0 0 0 (0) (0) (0)	0 0	<50> 0 0 0 0) (0) (0) (0)	<50> 1 0 0 0 (2) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)

Grade

1 : Slight

2 : Moderate

3 : Marked

4 : Severe

(a) ь

a : Number of animals examined at the site

b : Number of animals with lesion

(c) c:b/a * 100

Significant difference ; * : $P \le 0.05$ ** : $P \le 0.01$ Test of Chi Square

: MOUSE B6D2F1/Crlj[Crj:BDF1]

ANIMAL REPORT TYPE : A1

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

PAGE: 7 SEX : MALE 20000ppm 10000ppm Group Name Control 5000ppm No. of Animals on Study 50 50 50 50 Grade (%) (%) (%) (%) Findings_ (%) (%) (%) (%) Organ____ {Digestive system} liver <50> <50> <50> angiectasis 3 0 0 0 0 0 0 0 (4)(0)(0)(0) (4)(0)(0)(0) (6)(0)(0)(0) (6)(0)(0)(0) necrosis:focal 0 0 0 (4)(0)(0)(0) (4)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) fatty change:central 0 0 0 0 0 0 0 (0)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) 0 0 inflammatory infiltration 0 2 0 (0)(0)(0)(0) (4)(0)(2)(0) (0)(0)(0)(0) (0)(0)(0)(0) inflammatory cell nest (4)(0)(0)(0) (8)(0)(0)(0) (6)(0)(0)(0) (4)(0)(0)(0) clear cell focus 0 0 0 0 (4)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (2)(0)(0)(0) acidophilic cell focus 0 0 0 0 0 0 0 0 (2)(0)(0)(0) (0)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) basophilic cell focus 0 0 0 0 0 0 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (4)(0)(0)(0) (2)(0)(0)(0)

Grade 1 : Slight

2 : Moderate

4 : Severe

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

b (c)

c:b/a * 100

Significant difference ; * : P \leq 0.05 ** : P \leq 0.01 Test of Chi Square

ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX : MALE

PAGE: 8

		Group Name No. of Animals on Study	,	Cont	rol			5000 ₁ 50	opm			10 50	լգ000	om				20 50	00001	ppm	
Organ	Findings	Grade 1 (%)	(%)	(%)	(%)	<u>1</u> (%)	(%)		(%)	<u>(%)</u>		2	3 (%)	(%)		<u>1</u> (%)	(%	3		(<u>4</u> (%)
{Digestive sy	stem}																				
liver	biliary cyst	0 (0)	1 (2)	50> 0 (0)	0 (0)	0 (0)	0 (0)	50> 0 (0)	0 (0)	0 (0)	(<50> 0 0) (0 0)	0 (0)	(0	0	<50> I I) (0 0)	(0 0)
gall bladd	dilatation	1 (2)	0	50> 0 (0)	0 (0)	0 (0)		50> 0 (0)	0 (0)	0 (0)	(<50> 0 0) (0 0)	0 (0)	(0 0)	0	<50)))) (0	(0 0)
pancreas	cyst	0 (0)	0	50> 0 (0)	0 (0)	0 (0)	(0 (0)	50> 0 (0)	0 (0)	0 (0)	(<50> 0 0) (0 0)	0 (0)	(0 0)	((<50)))) (, 1 2)	(0 0)
(Urinary syst	em)																				
kidney	hydropic change	0 (0)	0	50> 0 (0)	0 (0)	0 (0)	0 (0)	50> 0 (0)	0 (0)	0 (0)	(<50> 0 0) (0 0)	0 (0)	(1 2)	((<50)))) (0 0)	(0 0)
	cyst	0 (0)	1 (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)
	hyaline droplet	0 (0)	1 (2)	0 (0)	0 (0)	2 (4)	0	1 (2)	0 (0)	0 (0)	(0 (0 0)	0	(0 0)	(())) (0 0)	(0 0)

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

Grade

1 : Slight

2 : Moderate

3 : Marked

4 : Severe

< a > a : Number of animals examined at the site

b b: Number of animals with lesion

(c) c:b/a * 100

Significant difference ; * : $P \le 0.05$ ** : $P \le 0.01$ Test of Chi Square

ANIMAL

: MOUSE BGD2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : MALE HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

PAGE: 9 20000ppm 10000ррт 5000ppm Group Name Control 50 No. of Animals on Study 50 Grade (%) (%) (%) (%) (%) (%) (%) (%) Organ__ Findings_ (Urinary system) kidney 0 0 0 0 0 deposit of amyloid 0 1 (0)(0)(2)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) 0 0 0 0 0 hyaline cast (0)(0)(0)(0) (2)(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)(2)(0) (6)(2)(0)(0) lymphocytic infiltration 0 (6)(0)(0)(0) (4)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) 0 osseous metaplasia (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) 0 1 0 inflammatory polyp 0 0 0 0 2 0 0 (0)(4)(0)(0) (0)(0)(0)(0) (0)(2)(0)(0) (0)(4)(2)(0) 0 0 0 0 0 0 arteritis (0)(0)(0)(0) (0)(2)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) 0 0 1 0 0 1 4 0 3 0 hydronephrosis (0)(2)(8)(0) (0)(0)(4)(0) (2)(2)(6)(3) (0)(0)(2)(0)

Grade

1 : Slight

2 : Moderate

3 : Marked

4 : Severe

< a >

a: Number of animals examined at the site

b

b: Number of animals with lesion

(c)

c:b/a * 100

Significant difference; $*: P \le 0.05$ $**: P \le 0.01$ Test of Chi Square

0498

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : MALE

I	tubular necrosis papillary necrosis dilatation:tubular lumen	<50> 0	(50) 0 0 0 0 (0) (0) (0) (0) 0 1 0 0 (0) (2) (0) (0)	<50> 0 0 0 0 0 0 0 0 0 0 0	<50> 0 0 0 0 (0) (0) (0) (0)
cidney	papillary necrosis	0 0 1 0 (0) (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	0 0 0 0 0 (0) (0)
1	papillary necrosis	0 0 1 0 (0) (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	0 0 0 0 0 (0) (0)
			0 1 0 0	0 0 0 0	
C	dilatation:tubular lumen		(0) (0) (0)	(0) (0) (0) (0)	0 0 0 0 0
		0 0 0 0 0 (0) (0)	1 0 0 0 0 (2) (0) (0)	1 0 0 0 0 (2) (0) (0) (0)	0 0 0 0 0 (0)
1	regeneration:proximal tubule	12 1 0 0 (24) (2) (0) (0)	16 0 0 0 (32) (0) (0) (0)	14 0 0 0 (28) (0) (0) (0)	15 0 0 0 (30) (0) (0) (0)
urin bladd c	dilatation	<50> 2	(e) (o) (o) (o) 3 0 0 0 (20)	(50) 2	<50> 0 0 0 0 (0) (0) (0) (0)
i	inflammatory infiltration	1 0 0 0 0 (2) (0) (0)	1 0 0 0 0 (2) (0) (0)	1 0 0 0 0 (2) (0) (0)	0 0 0 0 0 (0) (0)
Endocrine system	n)				
pituitary a	angiectasis	(2) (0) (0) (0)	(49) 1 0 0 0 (2) (0) (0) (0)	(50) 0 0 0 0 (0) (0) (0) (0)	<50> 0 0 0 0 0 0 0 0 0 0 0
(a) a: b b:	: Slight 2: Moderate 3: Ma : Number of animals examined at the site : Number of animals with lesion : b / a * 100 erence; *: P ≤ 0.05 **: P ≤ 0.05				

ANIMAL

: MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 SEX : MALE HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

PAGE: 11 Group Name Control 5000ppm 10000ppm 20000ppm No. of Animals on Study 50 50 50 (%) (%) Findings_ (%) (%) (%) (%) (%) Organ_ (Endocrine system) pituitary <50> 0 0 0 0 0 0 0 0 0 0 0 0 cyst (0)(0)(0)(0) (6)(0)(0)(0) (6)(0)(0)(0) (2)(0)(0)(0) hyperplasia 0 1 (0)(0)(0)(0) (4)(0)(0)(0) (2)(0)(0)(0) (2)(2)(0)(0) Rathke pouch 5 (6)(0)(0)(0) (2)(0)(0)(0) (2)(0)(0)(0) (10) (0) (0) (0) thyroid <50> <50> <50> <50> 0 0 0 0 0 0 0 0 0 1 0 0 arteritis (0)(0)(0)(0) (0)(0)(0)(0) (0)(2)(0)(0) (0)(0)(0)(0) adrenal <50> <50> spindle-cell hyperplasia 8 0 0 0 0 0 0 6 1 0 (16) (0) (0) (0) (14) (0) (0) (0) (12) (2) (0) (0) (0)(0)(0)(0) hyperplasia:cortical cell 0 0 2 0 0 0 3 (14) (0) (0) (0) (6)(0)(0)(0) (6)(0)(0)(0) (8)(4)(0)(0) {Reproductive system} testis <50> <50> <50> 0 0 0 0 atrophy 0 0 0 0 0 0 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) Grade 3 : Marked 4 : Severe

^{1 :} Slight 2 : Moderate

< a > a : Number of animals examined at the site

b b: Number of animals with lesion

⁽c) c:b/a * 100

Significant difference ; * : $P \le 0.05$ ** : $P \le 0.01$ Test of Chi Square

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0-105W)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1

SEX : MALE

PAGE: 12

Organ	Findings	Group Name No. of Animals on Study Grade		50 2	3 (%)	01 	<u>1</u> (%)	2 (%)	50		m <u>4</u> (%)	<u></u>	<u>1 </u>	5 (%)	10000 0 3 (%)	4_		<u>1</u> (%)		2 50 2 (%)	(%)	<u>4</u> (%)
																						 _
Reproductive	system)																					
estis	degeneration:seminiferous epithelium	1 (2	2) (<50) 0 0) (0	0 (0)	0 (0)	0	(50> (o o) (0	(0 0) (<5 0 0)	0	0 (0)	(0 (0)		<50 0 0) (0	0 0)
ididymis	inflammatory infiltration	i (2	2) (<50) 0 0) (0	0 (0)	2 (4)	0		0 0) (0 0)		0 0) (<5 0 0)	0	0 (0)	1	1 (2)		<50 0 0) (0	0 0)
	spermatogenic granuloma		l 2) (1 2) (0	0 (0)	0 (0)	1 (2)		0 0) (0	(3 6) (0 0)	0 (0)	0 (0)	,	0 (0)		0	0 (0)	0
min ves	hemorrhage	2 (4	2	<502 0 0) (0	0	1 (2)	0		0 0) (0 0)		2 4) (<5 0 0)	0	0 (0)	1	0 (0)		<50 0 0)	0	0
rostate	inflammation	, c))) (<502 0 0) (0	0 (0)	0 (0)	0		0 0) (0		1 2) (<5 0 0)	0	0 (0)		0 (0)		<50 0 0)	0	0
rep/cli gl	cyst	1 (2	l ?) (<501 1 2) (6	0 (0)	0 (0)	0		5 0) (0 ()		0 0) (<5 l 2)	2	0 (0)		0 (0)	: (<50 0 0)	1	0
Nervous syst	em)																					
rain	mineralization	3 (6	3 6) (<50) 0 0) (0	0 (0)	3 (6)	0		0 0) (0 (0)		3 6) (0	0> 0 (0)	0 (0)		1 (2)		(50 0 0)	0	0

< a >

a : Number of animals examined at the site

ь

b : Number of animals with lesion

c:b/a*100 (c)

Significant difference; $*: P \le 0.05$ $**: P \le 0.01$ Test of Chi Square

(HPT150)

BATS4

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

REPORT TYPE : A1
SEX : MALE

ALL ANIMALS (0-105W)

	No Gr	oup Name Control . of Animals on Study 50 ade <u>1 2 3 4</u>	5000ppm 50 <u>1 2 3 4</u>	10000թթm 50 1 2 3 4	20000μμm 50 1 2 3 4 (%) (%) (%) (%)
Organ	Findings	(%) (%) (%) (%)	(%) (%) (%) (%)	(%) (%) (%) (%)	(%) (%) (%) (%)
{Nervous sys	tem)				
orain	epidermal cyst	<50> 0 0 0 0 (0) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	(50) 1 0 0 0 (2) (0) (0) (0)
(Special sen	se organs/appendage}				
eye	phthisis bulbi	<50> 0 0 0 0 (0) (0) (0) (0)	(50) 1 0 0 0 (2) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)
	degeneration:cornea	1 0 0 0 0 (2) (0) (0) (0)	1 0 0 0 0 (2) (0) (0) (0)	0 0 0 0 0 (0) (0)	. 0 0 0 0 0 (0) (0)
llarder gl	hyperplasia	(50) 1 0 0 0 (2) (0) (0) (0)	(50) 1 0 0 0 (2) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	(50) 1 0 0 0 (2) (0) (0) (0)
{Musculoskel	etal system)				
oone	osteosclerosis	<50> 0 0 0 0 (0) (0) (0) (0)	<pre></pre>	<50> 1 0 0 0 (2) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)
Grade (a) b (c)	I: Slight 2: Moderate 3: a: Number of animals examined at the site b: Number of animals with lesion c: b / a * 100 difference; $*: P \le 0.05$ **: $P \le 0.05$				

(HPT150)

BAIS4

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

PAGE: 14

ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : MALE

Organ	N	roup Name o. of Animals on Study rade(%)	Control 50 2 3 (%) (%)	4 (%) (%)	5000ppm 50 2 3 4 (%) (%) (%)	10000μpm 50 1 2 3 4 (%) (%) (%) (%)	20000ppm 50 1 2 3 4 (%) (%) (%) (%)
{Body cavitie	s)						
nediastinum	xanthogranuloma	0 (0)		0 0	<50> 0 0 0 (0) (0) (0)	<50> 0 0 0 0 0 (0) (0) (0) (0)	(50) 0 0 0 0 (0) (0) (0) (0)
eritoneum	hemorrhage	1 (2)	<50> 0 0 (0) (0) (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	<50> 0 0 0 (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	(0) (0) (0) (0) (0) (0)
	inflammation	0 (0)	0 0 (0) (0 0	0 1 0 (0) (2) (0)	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0)
irade (a > b (c) ignificant d	1: Slight 2: Moderate 3: a: Number of animals examined at the sit b: Number of animals with lesion c: b / a * 100 ifference; *: P ≤ 0.05 **: P ≤						

APPENDIX M 2

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : MALE

DEAD AND MORIBUND ANIMALS

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

SEX : NALE

PAGE: 1

		Group Name No. of Animals on Study	1	Contr 5	ol			50 15	000pg	om				10000) 8	nqo				2000	00ppm	1
organ		Grade 1 (%)	2 (%)	3 (%)	(%)	<u>(%)</u>	(2	3 (%)	<u>4</u> (%)	-	<u>1</u> (%)	2 (%)	(%)	(%)		<u>1</u> (%)	2 (%)		3 %)	4 (%)
Integumentar	7 system/appandage}																				
skin/app	ulcer	1 (7)	0	5> 0 (0)	0 (0)	1 (7)	(<15> 0 0) (0	0 (0)		0 0) (0 0)	0	0 (0)	(0 0)	0	(9> ((0 0) (() ()
	inflammation	0 (0)	1 (7)	0 (0)	0 (0)	0 (0)) (0 0) (1 7)	0 (0)	(0 0) (1 13)	0 (0)	0 (0)	(0 0)	0 (0)	((0 0) (0 0)
	scab	0 (0)	0 (0)	0 (0)	0 (0)	(7)) (0 0) (0 0)	0 (0)	(0 0) (0 0)	0 (0)	0 (0)	(C C)	0 (0)	((0 0) (0 0)
subcutis	inflammation	0 (0)	0		0 (0)	0 (0)) (<15> 0 0) (1	0 (0)	(0 0) ((0 0)	0	0 (0)	(0	0	(9> 	0 0) (0
Respiratory	system)																			•	
asal cavit	inflammation	0 (0)	0	.5> 0 (0)	0 (0)	1 (7)		<15> 0 0) (0	0 (0)	(0 0) (0		0 (0)	(0	0	(9>	0 0) (0
	eosinophilic change:olfactory epitheli	um 2 (13)	1 (7)	0 (0)	0 (0)	2 (13)) (0 (0 0)	0 (0)	(:	3 38) (0 0)	0 (0)	0 (0)	(3 33)	0 (0)) (0 0) (0

Significant difference ; $*: P \le 0.05$ $**: P \le 0.01$ Test of Chi Square

ANIMAL : MOUSE BGD2F1/Crij[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1 SEX : MALE

PAGE: 2

		roup Name		Contro	ol .			500	100թբո	1				1000	0ppm					100pp	ım
rgan		o. of Animals on Study trade(%)	2 (%)	3 (%)	(%)	(%)	2 (%)		3 %)	(%)	(1 %)	2 (%)	8 (%)	<u>4</u> (%)	-	<u>1</u> (%)	2 (%)	3 (%)	<u>4</u> (%)
Respiratory	system)																				
asal cavit	eosinophilic change:respiratory epithel		<153 1 (7) (0	0 (0)	5 (33)	0		0 0) (0 0)	(0 0) (0	8> 0 (0) (0 0)		2 22)	0	0 0) (0 (0)
	respiratory metaplasia:olfactory epithe		0 (0) (0 0)	0 (0)	0 (0)	0 (0)		0 0) (0	(0 0) (0 0)	0)		0 0)	(0 0)	0 (0)	0 0) (0
	respiratory metaplasia:gland	1 (7)	0 (0 0)	0 (0)	0 (0)	1 (?)	()	0 0) (0 0)		1 .3) (0 0)	0 (0		0 0)		0 0)	0 (0)	0 0) (0
asopharynx	eosinophilic change	(7)	<15: 0 (0) (0	0 (0)	2 (13)	0		0 0) (0	(0 0) (0	8> 0 (0	· •) (0 0)	(0 0)	0	0	0)
ling	hemorrhage	0 (0)	<15: 0 (0) (0	0 (0)	1 (7)	0	(15>	0 0) (0 0)	(0 0) (0	8>) (0	(0	0	0	0 (0
	inflammation	(7)	0 (0) (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)	1 (7)	L (7)		0 0) (0 0)	(0 0) (0 0)	(0		0 0)	(0	0 (0)	0	0

a : Number of animals examined at the site <a>>

b b: Number of animals with lesion

c:b/a * 100 (c)

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

: MALE

PAGE: 3

Organ	Findings	Group Name No. of Animals on Stud Grade	y 1 (%)	2 (%)	Con: 5 3 (%)		<u>4</u> (%)		<u>1</u> (%)	2	15	3 %)	om 4 (%)	-	<u>1</u> (%)	2 (%)	8	00pp 3 %)	4 (%)	-	<u>1</u> (%)	<u>2</u> (%	9	3 (%)	<u>4</u> (%)
(Respiratory	system)																								
ung	bronchiolar-alveolar cell hyperplasia		1 7) (<1: 0 0)	0		0 0)	(0 0)	0 (0)	(15>	0 0) (0 (0)	(0	0	8>	0 0) (0 (0)		0 0)	0) 0 0)	0 0)
(Hematopoieti	c system)																								
one marrow	erythropoiesis:increased	(1 7) (<10 0 0)	0		0 0)	(0 0)	0	<15>	0	0 (0)	(0	0	8> (0 0) (0	(0 0)	0) 0 0)	0 0)
	granulopoiesis:increased	(0	0 0)	0 (0)) (0	(0 0)	(0)) (2	3 20) (0 (0)	(0	0 (0)	(0 0) (0 (0)	(0 0)	(0	:)) (0 0)	0 0)
ymph node	lymphadenitis	(0	<1 0 0)	0) (0	(0 0)	0	<15>		0 (0)	(0	0	(8	0 0) (0 (0)	(0		< 9)))) () 0 0)	0 0)
pleen	angiectasis	(0	<1 0 0)	0		0	(0	1	<14>	0 0)	0 (0)	(0 0)	0	(0 0) (0 (0)	(0	C	< 9:))) (0 (0)	C C)
	deposit of melanin	(0 (0 0)	0		0	(0 0)	0) (0	0	(1 13)	0	(0 0) (0	(0 0)	((0	C C

< a >

a: Number of animals examined at the site

b

b: Number of animals with lesion

(c)

c:b/a * 100

Significant difference : * : P \leq 0.05 ** : P \leq 0.01 Test of Chi Square

ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]

Significant difference : $*: P \le 0.05$ $**: P \le 0.01$ Test of Chi Square

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

SEX : MALE

Organ	Findings	Group Name Control No. of Animals on Study 15 Grade 1 2 3 4 (%) (%) (%) (%)	5000ppn 15 1 2 3 4 (%) (%) (%) (%)	10000ppm 8 1 2 3 4 (%) (%) (%) (%)	20000ppm 9 1 2 3 4 (%) (%) (%) (%)
{Hematopoietic	system)				
spleen	extramedullary hematopoiesis	<15> 2 4 2 0 (13) (27) (13) (0)	2 1 5 0 (14) (7) (36) (0)	<pre></pre>	<pre></pre>
{Circulatory :	system)				
heart	thrombus	0 0 0 0 0 (0) (0) (0)	<pre></pre>	<pre></pre>	(0) (0) (0) (0)
artery/aort	arteritis	<15> 0 0 1 0 (0) (0) (7) (0)	<15> 0 0 0 0 0 0 0 0 0 0 0 0	<pre></pre>	0 0 1 0 (0) (0) (11) (0)
{Digestive sy:	stem}				
stomach	ulcer:forestomach	0 0 0 0 0 (0) (0) (0)	1 0 0 0 (7) (0) (0) (0)	<pre></pre>	<pre></pre>
	erosion:glandular stomach	0 0 0 0 0 (0) (0)	1 0 0 0 0 (7) (0) (0) (0)	1 0 0 0 (13) (0) (0) (0)	0 0 0 0 0

(HPT150)

BAIS4

ANIMAL

: MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 : MALE

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

5000ppm 10000ppm 20000ppm Group Name Control No. of Animals on Study 15 15 Grade Organ_ Findings (%) (%) (%) (%) {Digestive system} <15> < 8> < 9> stomach <15> 0 0 0 0 0 0 ulcer:glandular stomach 0 (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (11) (0) (0) (0) hyperplasia:glandular stomach 7 4 0 0 4 8 0 4 3 0 0 5 3 0 (56) (33) (0) (0) (47) (27) (0) (0) (27) (53) (0) (0) (50) (38) (0) (0) < 9> < 8> liver <15> 0 0 0 0 0 0 0 0 0 0 1 0 herniation (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (13) (0) (0) (0) 0 0 necrosis:focal 1 0 0 0 0 0 0 0 0 0 (7)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) 0 0 0 inflammatory infiltration 0 0 0 1 0 1 0 0 0 0 0 0 (0) (0) (0) (0) (7)(0)(7)(0) (0)(0)(0)(0) (0)(0)(0)(0) acidophilic cell focus 0 0 0 0 0 I (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (7)(0)(0)(0) < 9> gall bladd <15> <15> < 8> 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 dilatation (0)(0)(0)(0) (7)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0)

Grade

1 : Slight

2 : Moderate

3 : Marked

a: Number of animals examined at the site (a)

b

b: Number of animals with lesion

(c)

c:b/a * 100

Significant difference ; $*:P \le 0.05$ **: $P \le 0.01$ Test of Chi Square

4 : Severe

(HPT150)

BAIS4

ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY) DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1 SEX : MALE

PAGE: 6

		Group Name	Control	5000թբm 15	10000թբm 8	20900թթm 9
Organ	Findings	No. of Animals on Study Grade 1 (%)	15 2 3 4 0 (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
{Urinary sy:	stem)					
kidney	hyaline droplet	0 (0)	<15> 1 0 0) (7) (0) (0)	<15> 0 0 1 0 (0) (0) (7) (0)	<pre></pre>	(0) (0) (0) (0)
	deposit of amyloid	0 (0)	0 0 0	0 0 1 0 (0) (7) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
	inflammatory infiltration	0 (0)	0 0 0	1 1 0 0 (7) (7) (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0)
	lymphocytic infiltration	0 (0)	0 0 0	0 0 0 0 0 (0) (0)	1 0 0 0 0 (13) (0) (0)	0 0 0 0 0 (0) (0)
	inflammatory polyp	0 (0)	0 0 0	0 1 0 0 (0) (7) (0) (0)	0 0 0 0 0 (0) (0)	0 1 0 0 (0) (0)
	arteritis	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) (11) (0) (0)
	hydronephrosis	0 (0)	0 2 0	0 1 2 0 (0) (7) (13) (0)	0 0 0 0 0 (0) (0)	0 1 1 0 (0) (11) (11) (0)
	tubular necrosis	0 (0)	0 1 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 >

1 : Slight

2 : Moderate

3 : Marked

4 : Severe

a: Number of animals examined at the site

b: Number of animals with lesion b

c:b/a*100

(c) Significant difference ; * : P \leq 0.05 ** : P \leq 0.01 Test of Chi Square

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY) DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : AL SEX : MALE

		Group Name No. of Animals on Study	Control 15		5000ppm 15	10000 8	20000թթm 9
Organ		Grade 1 (%)	2 3 4		2 3 4 (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%)
{Urinary sys	tem}						
kidney	papillary necrosis	0 (0)	<15> 0 0 0 (0) (0) (1	0 (0) (<15> 1 0 0 7) (0) (0)	<pre></pre>	<pre></pre>
	dilatation:tubular lumen	0 (0)	0 0 0) (7)(0 0 0	1 0 0 0 0 (13) (13) (14) (15)	0 0 0 0 0 (0) (0)
	regeneration:proximal tubule	(7)	0 0 (1 (7) (0 0 0 0	0 0 0 0 0 (0.0)	0 0 0 0 0 (0) (0)
urin bladd	dilatation	2 (13)	<15> 0 0 0 (0) (0) (0		<15> 0 0 0 0) (0) (0)	2 0 0 0 0 (25) (0) (0) (0)	0 0 0 0 0 (0) (0) (0) (0)
	inflammatory infiltration	0 (0)	0 0 (1 (7) (0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0)
{Endocrine s	ystem}						
pituitary	cyst	2 (13)	<15> 0 0 0 (0) (0) (0		(14) 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 <a>c)	1: Slight 2: Moderate 3 a: Number of animals examined at the si b: Number of animals with lesion c: b / a * 100 difference; *: P ≤ 0.05 **: P ≤						

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

Organ	Findings	Group Name Control No. of Animals on Study 15 Grade 1 2 3 4 (%) (%) (%) (%)	5000ррп 15 1 2 3 4 (%) (%) (%) (%)	10000ppm 8 1 2 3 4 (%) (%) (%) (%)	20000ррп 9 1 2 3 4 (%) (%) (%) (%)
{Endocrine sys	tem)				
pituitary	hyperplasia	15> 1 0 0 0 (7) (0) (0) (0)	0 0 0 0 (0) (0) (0) (0)	<pre></pre>	(0) (0) (0) (0)
adrenal	hyperplasia:cortical cell	(7) (0) (0) (0)	0 0 0 0 (0) (0) (0) (0)	<pre></pre>	< 9> 0 0 0 0 0 0 0 0 0 0 0
{Reproductive	system)				
epididymis	inflammatory infiltration	<15> 0 0 0 0 (0) (0) (0) (0)	(15> 1 0 0 0 (7) (0) (0) (0)	<pre></pre>	0 0 0 0 0 0 0 (0) (0) (0)
semin Ves	hemorrhage	<15> 0 0 0 0 (0) (0) (0) (0)	0 0 0 0 (0) (0) (0) (0)	<pre></pre>	(0) (0) (0) (0)
prep/cli gl	cyst	<15> 0 0 3 0 (0) (0) (20) (0)	<pre></pre>	<pre></pre>	<pre></pre>
{Nervous syste	em)				
brain	mineralization	<15> 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 (7) (0) (0) (0)	<pre></pre>	<pre></pre>

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1] DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1 SEX : MALE

Organ	Group Name No. of Ani Grade Findings	Control	5000ppm 15 1 2 3 4 (%) (%) (%)	10000ррш 8 <u>1 2 3 4</u> (%) (%) (%) (%)	20000ppm 9 1 2 3 4 (%) (%) (%) (%)
(Special sens	se organs/appendage)				
eye	phthisis bulbi	<15> 0 0 0 0 (0) (0) (0) (0)	(15) 1 0 0 0 (7) (0) (0) (0)	<pre></pre>	<pre></pre>
{Body cavitie	es)				
oeritoneum	inflammation	(15> 0 0 0 0 (0) (0) (0) (0)	(0) (0) (7) (0)	<pre></pre>	(0) (0) (0) (0)
Grade (a> b (c) Significant o	1: Slight 2: Moderate 3: Marked a: Number of animals examined at the site b: Number of animals with lesion c: b / a * 100 difference; *: P ≤ 0.05 **: P ≤ 0.01 7	4 : Severe			
(HPT150)					В

APPENDIX M 3

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : MALE

SACRIFICED ANIMALS

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

ANIMAL : MCUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1

SEX : MALE

		roup Name No. of Animals on Study	9	Contr 5	ol			5000 35	ppm			4	10000ı	pm				20000 _:	ppm
rgan		rade 1 (%)	2 (%)	(%)	(%)	<u>1</u> (%)	(%)	3 (%)	(%)	(<u>1</u> %)	2 (%)	(%)	(%)		1 (%)	2 (%)	(%)	(%)
Integumentar	y system/appandage)																		
kin/app	inflammation	1 (3)	<3 1 (3)	0	0 (0)	0 (0)	0		0 (0)	(0 0) (<4 0 0)	0	0 (0)	(0 0) (0	0 (0)	0 (0)
	epidermal cyst	0 (0)	0 (0)	0 (0)	0 (0)	2 (6)	0 (0)	(0)	0 (0)	(0 0) (0	0 (0)	0 (0)	(0	0 (0)	0 (0)	0 (0)
ubcutis	hemorrhage	0 (0)	<3 0 (0)	0	0 (0)	1 (3)	0	35> 0 (0)	0 (0)		0 0) (<4 0 0)	0	0 (0)	(0	0	0 (0)	0 (0)
	inflammation	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	(0 0) (0	0 (0)	0 (0)	(0 0) (0 (0)	0 (0)	0 (0)
Respiratory	system)																		
asal cavit	hyperplasia:gland	1 (3)	<3 0 (0)	0	0 (0)	0 (0)	0		0 (0)		0 0) (<4 0 0)	0	0 (0)	(0	0	(0)	0 (0)
	eosinophilic change:olfactory epitheliu	m 9 (26)	0 (0)	0 (0)	0 (0)	12 (34)	0 (0)	0 (0)	0 (0)	1 (4		0 0)	0 (0)	0 (0)		12 29) (0 (0)	0 (0)	0 (0)
rade 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 ifference; *: P ≤ 0.05 **: P ≤																		

STUDY NO. : 0498 ANIMAL

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : MALE HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

		Group Name No. of Animals on Study	35	ontrol			3!	5000թյ	p m			10000µ 42	pm			21 41	0000թյ	ρm
ga11		Grade 1 (%)	2		(%)	<u>1</u> (%)	2 (%)	3 (%)	(%)	(%)	(%)	3	(%)	(S	<u>1</u> %)	2 (%)	3 (%)	(%
spiratory	system)																	
al cavit	eosinophilic change:respiratory epithe		<35> 0 (0) (0 0)	7 (20)	(35 0 (0)	0	0 * (0)	18 (43)	0	(42> 0 (0)	0 (0)	2 (5	1	<413 1 2) () 0 0)	0)
	inflammation:foreign body	2 (6)	0 (0) (0 0)	0 (0)	0 (0)	0	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)		0 0) (0 0) (0 0)	((
	respiratory metaplasia:olfactory epith		0 (0) (0 0)	3 (9)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)		0 0) (0	0	((
	respiratory metaplasia:gland	4 (11)	0 (0) (0 0)	3 (9)	0 (0)	0 (0)	0 (0)	4 (10)	0 (0)	0 (0)	0 (0)		3 7) (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)	(1 2) (0 (0 (0)	((
opharynx	eosinophilic change	(3)	<35> 0 (0) (0 0)	(3)	<3! 0 (0)	0	0 (0)	1 (2)	0	(42> 0 (0)	0 (0)	(2 5) (<411 0 0) (0 (0)	((
Ř	inflammation	0 (0)	<35> 0 (0) (0 0)	0 (0)	(3! 0 (0)	0	0 (0)	0 (0)	0	(42> 0 (0)	0 (0)		2 5) (<41 0 0) (0 (0)	((

Grade

1 : Slight

2 : Moderate

3 : Marked

4 : Severe

< a >

a: Number of animals examined at the site

b

b: Number of animals with lesion

(c)

c:b/a * 100

Significant difference ; * : P \leq 0.05 ** : P \leq 0.01 Test of Chi Square

(IIPT150)

BAIS4

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

SACRIFICED ANIMALS (105W)

REPORT TYPE : A1

FY		:	MAI

Organ	Findings	Group Name No. of Animals on Study Grade 1 (%)	35 2	ntro1 3 4 %) (%)	1(%)	5000ppm 35 2 3 4 (%) (%) (%)	<u>(%)</u>	10000 ₁ 42 2 3 (%) (%)	9 (%)	<u>(%)</u>	20000ppm 41 2 3 (%) (%)
Respiratory	system)										
ung	lymphocytic infiltration	1 (3)	<35> 0 (0) (0 0	0 (0) (<35> 0 0 0 0) (0) (0)	0 (0)	<42> 0 0 (0) (0)	0 (0)	0 (0) (<41> 0 0 0) (0) (
	bronchiolar-alveolar cell hyperplasia	4 (11)		0 0	3 (9) (2 0 0 6) (0) (0)	4 (10)	0 0	0 (0)	4 (10) (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
{Hematopoieti	ic system)										
oone marrow	angiectasis	0 (0)		0 0	1 (3) (<35> 0 0 0 0) (0) (0)	0 (0)	<42> 0 0 (0) (0)	0 (0)	0 (0) (<41> 0 0 0) (0) (
	granulation	0 (0)		0 0 0 0) (0)	1 (3) (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0)	0 0	0 (0)	0 (0) (0 0 (
	increased hematopoiesis	0 (0)		0 0	0 (0) (0 0 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 (2) (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	erythropoiesis:increased	0 (0)	0 (0) (0 0 0 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 (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
	hyperplasia:mast cell	0 (0)		0 0 0) (0)	0 (0) (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0)	0 0	0 (0)	0 (0) (0 0 0 0 0 (

Grade

1 : Slight

2 : Moderate

3 : Marked 4 : Severe

< a >

a: Number of animals examined at the site

b

(c)

b: Number of animals with lesion

c:b/a * 100 Significant difference ; * : $P \le 0.05$ ** : $P \le 0.01$ Test of Chi Square

(IIPT150)

BAIS4

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1

SEX

: MALE

Organ	1	Group Name No. of Animals on Study Grade(%)	Contro 35 2 3 (%) (%)	4 (%)	<u>1</u> (%)	35 2	3 (%)	m <u>4</u> (%)	<u>1</u> (%)	4: 2 (%)	10000p 2 3 (%)	0m 4 (%)	 <u>1</u> (%)		20000 1 3 (%)	4
{Hematopoietic	c system)															
bone marrow	granulopoiesis:increased	1 (3)	<35> 0 0 (0) (0) (0 0)	0 (0) (<35) 0 0) () 1 3) (0 0)	0 (0)	<4 0 (0)	0	0 (0)	0 0) (0	11> 0 (0)	(
spleen	deposit of melanin	1 (3)	<35> 0 0 (0) (0) (0 0)	0 (0) (<35) 0 0) (0	0 0)	2 (5)	<4 0 (0)	0	0 (0)	3 7) (0	(0) 0 IT>	(
	extramedullary hematopoiesis	1 (3)	1 0 (3) (0) (0	5 (14) (1 3) (1 3) (0 0)	4 (10)	1 (2)	0 (0)	0 (0)	0 0) (2 5)	0 (0)	(
	follicular hyperplasia	2 (6)	0 0 (0) (0	3 (9) (1 3) (1 3) (0 0)	1 (2)	0 (0)	0 (0)	0 (0)	3 7) (0 0)	0 (0)	(
{Circulatory s	systom}															
artery/aort	arteritis	0 (0)	<35> 0 0 (0) (0) (0 0)	I (3) (<35) 0 0) (0	0 0)	0 (0)	<1 0 (0)	0	0 (0)	0	0	11> 0 (0)	(
Digestive sys	stem)															
stomach	mineralization	1 (3)	<35> 0 0 (0) (0) (0 0)	1 (3) (<352 0 0) (0	0 0)	0 (0)	<4 0 (0)	0	0 (0)	0 (0	11> 0 (0)) ((
(а) b	1: Slight 2: Moderate 3 a: Number of animals examined at the sib: Number of animals with lesion c: b/a*100	Marked 4: Severe	3										 			, · · · · ·

ANIMAL

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : MALE HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

Group Name 5000թթա 10000ppm 20000ppm Control 41 No. of Animals on Study 35 35 Grade (%) (%) (%) Organ_ Findings. (%) (%) (%) (%) (%) (%) (%) (Digestive system) <35> <35> ⟨42⟩ <41> stomach 0 0 0 inflammatory infiltration 0 (3)(0)(0)(0) (3)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) ulcer:forestomach 0 0 0 0 0 0 0 n (0)(0)(0)(0) (2)(0)(0)(0) (3)(0)(0)(0) (0)(0)(0)(0) 2 0 2 hyperplasia: forestomach 0 0 (5)(2)(0)(0) (0)(0)(0)(0) (6)(0)(0)(0) (0)(3)(0)(0) 0 0 0 erosion:glandular stomach (7)(0)(0)(0) (14) (0) (0) (0) (17) (0) (0) (0) (10) (0) (0) (0) 29 0 hyperplasia: glandular stomach 28 23 31 0 (22) (71) (0) (0) (19) (74) (0) (0) (11) (80) (0) (0) (29) (66) (0) (0) dilated glands 0 0 1 (0)(0)(0)(0) (3)(0)(0)(0) (3)(0)(0)(0) (0)(0)(0)(0) <41> <35> <35> liver <42> 0 0 angiectasis 0 0 0 (5)(0)(0)(0) (5)(0)(0)(0) (9)(0)(0)(0) (9)(0)(0)(0) necrosis:focal 0 (0)(0)(0)(0) (5)(0)(0)(0) (3)(0)(0)(0) (0)(0)(0)(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe

< a > a : Number of animals examined at the site

ь b: Number of animals with lesion

c:b/a*100 (c)

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

ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 SEX : MALE HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

		Group Name No. of Animals on Study Grade 1	35 2	Contro 3	1	1	2	5000 35		1		1 42 2	3	4	1	L.	2 41 2		
gan	Findings	(%)		(%)	(%)	(%)	(%	3 (%)	(%)	(%	5)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
igestive :	system}																		
/er	fatty change:central	1 (3)	<35 0 (0) (0	0 ()	0 (0)	0	<35> 0 (0)	0 (0)))) (<42 0 0) (0	0 (0)	((<41 0 0) (0 (0)	0
	inflammatory infiltration	0 (0)	(0) (0 0) (0 (0)	1 (3)	(0	0 (0)	0 (0)	(())) (0	0	0 (0)))) (0 (0)	0	(0
	inflammatory cell nest	4 (11)	0 (0) (0 0) (0 (0)	3 (9)	(0) 0)) (0)	0 (0)	(!	2 5) (0	0 (0)	0 (0)	(8	2 5) (0	0 (0)	0
	clear cell focus	1 (3)	0 (0) (0 0) (0 (0)	2 (6)	(0) 0)) (0)) (0	0 (0)	0 (0)		0 0) (0	0 (0)	(0
	acidophílic cell focus	0 (0)	0 (0) (0 (0 (0)	0 (0)	((0 (0)) ()	0 0)	0 (0)	0 (0)		1 2) (0	0 (0)	(0
	basophilic cell focus	0 (0)	0 (0) (0 (0 (0)	2 (6)	(() ()) (0)	0 (0)	(:	1 2) (0 0)	0 (0)	0 (0)		0 0) (0	0 (0)	(0
	biliary cyst	. (0)	1 (3) (0 (0 (0)	0 (0)	(() ()) (0)	0 (0)		0 0) (0 0)	0 (0)	0 (0)		0 0) (0	0 (0)	0
ncreas	cyst	0 (0)	<35 0 (0) (0	0 (0)	0 (0)	(0) (0)		o 0) (<4: 0 0)	0	0 (0)		o 0) (<41 0 0)	1> 1 (2)	0 (

2 : Moderate

3 : Marked

4 : Severe

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

(c) c:b/a * 100

Significant difference ; * : $P \le 0.05$ ** : $P \le 0.01$ Test of Chi Square

(IIPT150)

BAIS4

ANIMAL

: MOUSE BGD2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : MALE

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

Group Name Control 5000ppm 10000ppm 20000ppm No. of Animals on Study 42 41 35 35 (%) (%) (%) (%) (%) (%) Organ__ Findings_ (Urinary system) <35> <35> <41> kidney 0 0 0 hydropic change 0 0 0 0 0 0 (0)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) 0 cyst 0 0 0 (0)(0)(0)(0) (0)(3)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) hyaline droplet 2 (6)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) 0 0 hyaline cast (0)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) inflammatory infiltration 0 0 1 0 0 0 0 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(3)(0) (6)(0)(0)(0) 0 2 0 0 0 0 lymphocytic infiltration 0 0 0 0 (0)(0)(0)(0) (6)(0)(0)(0) (5)(0)(0)(0) (2)(0)(0)(0) 0 0 0 0 0 osseous metaplasia 0 0 0 (0)(0)(0)(0) (2)(0)(0)(0) (0) (0) (0) (0) (0)(0)(0)(0) inflammatory polyp 0 0 1 1 0 (0)(2)(2)(0) (0)(0)(0)(0) (0)(3)(0)(0) (0)(2)(0)(0)

Grade

1 : Slight

2 : Modorate

3 : Marked

4 : Severo

< a >

a: Number of animals examined at the site

b

b: Number of animals with lesion

(c)

c:b/a * 100

Significant difference; $*: P \le 0.05$ **: $P \le 0.01$ Test of Chi Square

(IIPT150)

BAIS4

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

REPORT TYPE : A1

: MALE SEX

10000ppm 20000ppm Group Name Control 5000ppm No. of Animals on Study 35 41 Grade (%) (%) (%) (%) (%) Findings_ (%) (%) (Urinary system) kidney <35> <35> <41> 0 3 0 hydronephrosis 0 0 0 0 1 0 0 1 0 (3)(0)(3)(0) (0)(0)(2)(0) (0)(0)(7)(0) (0)(0)(0)(0) 0 regeneration:proximal tubule 11 1 0 15 0 0 0 14 (33) (0) (0) (0) (37) (0) (0) (0) (31) (3) (0) (0) (43) (0) (0) (0) urin bladd **<42>** <41> <35> ⟨35⟩ 0 0 0 inflammatory infiltration 0 0 0 0 0 0 0 0 0 (3)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (Endocrine system) pituitary ⟨35⟩ ⟨35⟩ **〈42〉** <41> 0 0 0 0 0 0 0 0 0 0 0 angiectasis (3)(0)(0)(0) (3)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) cyst (3)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) (7)(0)(0)(0) hyperplasia (5)(0)(0)(0) (2)(0)(0)(0) (0)(3)(0)(0) (0)(0)(0)(0)

(HPT150)

BAIS4

Grade

^{1 :} Slight

^{2 :} Moderate

^{3 :} Marked

^{4 :} Severe

⁽a) a: Number of animals examined at the site

b

b: Number of animals with lesion

⁽c) c:b/a * 100

Significant difference; $*:P \le 0.05$ **: $P \le 0.01$ Test of Chi Square

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY) SACRIFICED ANIMALS (105W)

REPORT TYPE : A1
SEX : MALE

(IIPT150)

		up Name Control of Animals on Study 35	5000ppm 35	10000թթm 42	20000թբm 41
Organ	Gra		1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%)
(Endocrine s	system)				
pituitary	Ratlıke pouclı	<pre></pre>	(35> 1 0 0 0 (3) (0) (0) (0)	42> 1 0 0 0 (2) (0) (0) (0)	<11> 5 0 0 0 (12) (0) (0) (0)
thyroid	arteritis	<35> 0 0 0 0 0 0 0 0 0 0 0	<35> 0 1 0 0 (0) (3) (0) (0)	<42> 0 0 0 0 0 0 0 0 0 0 0) 0 0	<pre></pre>
adrenal	spindle-cell hyperplasia	<35> 8 0 0 0 (23) (0) (0) (0)	<35> 7 0 0 0 (20) (0) (0) (0)	<pre></pre>	<11> 0 0 0 0 *** (0) (0) (0) (0)
	hyperplasia:cortical cell	2 0 0 0	4 2 0 0 (11) (6) (0) (0)	7 0 0 0 (17) (0) (0) (0)	3 0 0 0 0 (7) (0) (0) (0)
{Reproducti	ve system)				
testis	atrophy	355> 0 0 0 0 (0) (0) (0) (0)	<pre></pre>	\(\langle 42 \rangle \) 1	<pre></pre>
	degeneration:seminiferous epithelium	1 0 0 0 0 (3) (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: Namber of animals examined at the site b: Number of animals with lesion c: b / a * 100 difference; *: P ≤ 0.05 **: P ≤ 0.	arked 4: Severe 01 Test of Chi Square			

STUDY NO. : 0498
ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

SEX : MALE

		Group Name Control No. of Animals on Study 35 Grade <u>1 2 3 4</u>	5000ppm 35 1 2 3 4 (%) (%) (%) (%)	10000руш 42 <u>1 2 3 4</u> (%) (%) (%) (%)	20000ppm 41 1 2 3 4
Organ	Findings	(%) (%) (%)	(%) (%) (%)	(%) (%) (%)	(%) (%) (%)
{Reproductive	e system)				
epididymis	inflammatory infiltration	355> 1 0 0 0 (3) (0) (0) (0)	(35>) 1 0 0 0 (3) (0) (0) (0)	<pre></pre>	(41) 1 0 0 0 (2) (0) (0) (0)
	spermatogenic granuloma	1 1 0 0 (3) (0) (0)	0 1 0 0	3 0 0 0 0 (7) (0) (0) (0)	0 0 0 0
semin ves	hemorrhage	2 0 0 0 (6) (0) (0) (0)	(35) 1 0 0 0 (3) (0) (0) (0)	\(\langle 42 \rangle \) \(1 0 0 \) \(2 \rangle (0) (0) (0) \)	(41) 0 0 0 0 (0) (0) (0) (0)
prostate	inflammation	35> 0 0 0 0 0 0 0 0 0 0 0 0	(35> 0 0 0 0 (0) (0) (0) (0)	(42> 1 0 0 0 (2) (0) (0) (0)	(41) 0 0 0 0 (0) (0) (0) (0)
prep/cli gl	cyst	<35> 1 1 3 0 (3) (3) (9) (0)	<35> 0 0 4 0 (0) (0) (11) (0)	<12> 0 0 2 0 (0) (0) (5) (0)	<11> 0 0 1 0 (0) (0) (2) (0)
{Nervous syst	tem)				
brain	mineralization	3 0 0 0 (9) (0) (0) (0)	35> 2 0 0 0 (6) (0) (0) (0)	2 0 0 0 (5) (0) (0) (0)	(41) 1 0 0 0 (2) (0) (0) (0)
Grade <a>> b (c) Significant d	a: Number of animals examined at the sib: Number of animals with lesionc: b / a * 100		,		

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

REPORT TYPE : A1 SEX : MALE

Organ		Group Name Cont No. of Animals on Study 35 Grade 1 2 3 (%) (%)	35 4 1 2	5000μμπ 3 4 (%) (%) (%)	10000ррш 42 2 3 4 0 (%) (%) (%)	20000ppm 41 1 2 3 4 (%) (%) (%) (%)
{Nervous syste	em)					
brain	epidermal cyst	<35> 0 0 0 (0) (0) (0)	(35 0 0 0 (0) (0) (0) (0 0 0	<42> 0 0 0 0 (0) (0) (0)	(41) 1 0 0 0 (2) (0) (0) (0)
{Special sense	e organs/appendage)					
cye	degeneration:cornea	35> 1 0 0 (3) (0) (0)	0 1 0 (0) (3) (0) (0 0 0	0 0 0 0 0 0 0 0 0	<pre></pre>
Harder gl	hyperplasia	35> 1 0 0 (3) (0) (0)		0 0 0	<42> 0 0 0) (0) (0) (0)	(41) 1 0 0 0 (2) (0) (0) (0)
{Musculoskele	tal system)					
bone	osteosclerosis	<35> 0 0 0 (0) (0) (0)		0 0 1	<42> 0 0 0) (0) (0) (0)	0 0 0 0 (0) (0) (0) (0)
{Body cavities	s)					
nediastinum	xanthogranuloma	<pre></pre>		0 0 0	<42> 0 0 0) (0) (0) (0)	0 0 0 0 (0) (0) (0) (0)
Grade < a > b (c)	I: 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				

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

REPORT TYPE : A1
SEX : MALE

ANIMAL

PAGE: 12

Organ	Findings	Group Name No. of Animal Grade	s on Study 	35 2	ontrol 3 4 (%) (%)	1 (%)	31 2 (%)	50001 5 3 (%)	9 pm 4 (%)	<u>1</u> (%)	<u>2</u> (%)	1000 42 3 (%)	4_		<u>L</u>	4 2 (%)	20000; I <u>3</u> (%)	9pm 4 (%)
	Findings		(%)		(m) (m)	(A)	(70)	(70)	(76)	(76)	(707	(70.	(76)		•/	(70)	(707	(70)
(Body cavitie	es)																	
peritoneum				<35>			<3	5>			<	42>				<4	1>	
	hemorrhage		(3) (•	0 0	0 (0)	0 (0)	0 (0)	0 (0)	(0)	(0)	-	0 (0)	(() (0 0)	0 (0)	(0)
Grade	1 : Slight 2 : Moder: a : Number of animals examin b : Number of animals with	ed at the site	4: Severe															
(c)	c:b/a * 100	eston																
	difference; $*: P \leq 0.05$	**: P ≤ 0.01 Test	of Chi Square															

(HPT150)

BAIS4

APPENDIX M 4

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : FEMALE

ALL ANIMALS

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)

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

REPORT TYPE : A1
SEX : FEMALE

ALL ANIMALS (0-105W)

	No	roup Name o. of Animals on Study	50	ntrol		50				10000 50				50		
rgan	Findings	rade <u>1</u> (%)		3 4 (%)	(%)	(%)	3 <u>4</u> (%) (%)	(%)	(%)	(%)	(%)	(1 %)	(%)	(%)	(%)
Integumentar	ry system/appondage}															
kin/app	scab	0 (0)	<50> 0 (0) (0 0 0) (0)	0 (0)	<50 0 (0) (0 0 (0) (0)	1 (2)	0	50> 0 (0)	0 (0)		0 0) (<50 0 0)	0	0 (0)
ubcutis	inflammation	1 (2)	<50> 0 (0) (0 0 0) (0)	0 (0)	<50 0 (0) (0 0 (0) (0)	0 (0)	0		0 (0)		0 0) (<50 0 0)	0	0 (0)
Respiratory	system)															
asal cavit	inflammation	3 (6)	<50> 0 (0) (0 0 0) (0)	3 (6)	<50 0 (0) (0 0 (0)	0 (0)	0	50> 0 (0)	0 (0)		1 2) (<50 0 0)	0	0 (0)
	eosinophilic change:olfactory epithelium		0 (0) (0 0 0) (0)	16 (32)	0 (0) (0 0	14 (28)	0 (0)	0 (0)	0 (0)	(3 :	8 6) (0	(0)	(0)
	eosinophilic change:respiratory epithel		2 (4) (0 0 0) (0)	39 (78)	3 (6)(0 0	43 (86)	2 (4)	0 (0)	0 (0)	3		7 14)	1 (2)	0 (0)
	inflammation:foreign body	1 (2)	0 (0) (0 0 0) (0)	0 (0)	0 (0) (0 0	1 (2)	0 (0)	0 (0)	0 (0)		1 2) (0	0 (0)	0 (0)
rade a > b c) ignificant d	1: Slight 2: Moderate 3: a: Number of animals examined at the site b: Number of animals with lesion c: b / a * 100 lifference; *: P ≤ 0.05 **: P ≤ 0															

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX

: FEMALE

		Group Name		Contr	ol					00ppi	m					14 0 00	om.					0000թ	pm	
rgan		No. of Animals on Study Grade 1 (%)	50 2 (%)	3 (%)	<u>4</u> (%)		(%)	(%)	50 (3 %)	<u>4</u> (%)		<u>1</u> (%)	(%	50	3 (%)	(%)		<u>1</u> (%)	(%	50 2 %)	<u>3</u> (%)	<u>4</u> (%	
Respiratory :	system)																							
asal cavit	respiratory metaplasia:olfactory epith		<50. 0 (0) (0	0 (0)	(7 14)	0	(50>	0 0) (0		10 20)	0		0	0	(6 12)		<50> 0 0) () 0 0)	0)	
	respiratory metaplasia:gland	13 (26)	0 (0) (0 0)	0 (0)		15 30)	0 (0)		0 0) (0 0)		11 22)	0		0 0)	0 (0)	(20 40)		0 0) (0 0)	(0	
	hyperplasia:transitional epithelium	1 (2)	0 (0) (0 0)	0 (0)	(0 0)	0 (0)	(0 0) (0	(2 4)	0		0	0 (0)	(2 4)		o o) (0 0)	((
	atrophy:olfactory epithelium	1 (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 0)	(0	
asopharynx	eosinophilic change	2 (4)	<50 0 (0) (0	0 (0)	(2 4)	0	(50>	0 0) (0 ()	(2 4)	0		0	0 (0)	(4 8)		<50) 0 0) () 0 0)	((
ung	congestion	0 (0)	<50 1 (2) (0	0 (0)	(0 0)	0	(50>	0 0) (0 ()	(0 0)	0		0	0 (0)	(0 ()		<50) 0 0) () 0 0)	((
	interstitial pneumonia	0 (0)	1 (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)	((
(a)	a : Number of animals examined at the si b : Number of animals with lesion c : b / a * 100																							

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0-105W)

REPORT TYPE : A1
SEX : FEMALE

		Group Name No. of Animals on Study	Cont 50	rol		5(5000ppn	n.			16 50	յզ000թ	ш			5	20000	pm	
rgalı		Grade 1 (%)	2 3 (%) (%)	4 (%)	(%)	(%)	3	(%)	<u>1</u> (%)		2 (%)	3 (%)	(%)	(<u>1</u> %)	(%)	(%)		<u>4</u> %)
Kespiratory	system)																		
ung	bronchiolar-alveolar cell hyperplasia	0 (0)	<50> 0 0 (0) (0)	0 (0)	1 (2)	<50 0 (0))> 0 (0) (0 0)	0 (0)	(<50: 0 0) (0	0 (0)		2 4) (<5 0 0)	0 (0)		0 0)
Hematopoieti	c system)																		
one marrow	angiectasis	i (2)	<50> 0 0 (0) (0)	0 (0)	0 (0)	<5(0 (0))> 0 (0) (0 0)	0 (0)	(<500 0 0) (0	0 (0)		0 0) (<5 0 0)	0 (0)		0 0)
	thrombus	0 (0)	0 0		0 (0)	0	0 (0) (0 0)	1 (2)	(0 0) (0 0)	0	(0 0) (0 0)	0 (0)		0 0)
	granulation	0 (0)	0 0		1 (2)	0	0 (0) (0	0 (0)	(0	0 0)	0		0 0) (0 0)	0 (0)		0 0)
	granulopoiesis:increased	0 (0)	0 0	0 (0)	0 (0)	0 (0)	0 (0) (0 0)	1 (2)	(0 0) (0 0)	0		1 2) (1 2)	0 (0)		0 0)
ymph node	lymphadenitis	0 (0)	<50> 0 0 (0) (0)		0 (0)	<5(0 (0))> 0 (0) (0 0)	0 (0)	(<50 0 0) (0	0		0 0) (<5 0 0)	0> 1 (2)		0 0)
rade a > b c) ignificant d	a : Number of animals examined at the si b : Number of animals with lesion c : b / a * 100					-													

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX : FEMALE

Organ	Findings	Group Name No. of Animals on Study Grade 1 (%)	50 2	ntrol 3 4 %) (%)	<u>1</u> (%)	50 2 (%)	3 4 (%) (%)	<u>1</u> (%)	1 50 2 (%)	(%)	9pm 4 (%)	1 (%)	2 (%	50	3 %)	m 4 (%)
{Hematopoieti	c system)															
lymph node	accumulation of histiocyte	1 (2)	<50> 0 (0) (0 0 0) (0)	0 (0) (<500 0 0) (0 (0)	<50 0 (0) ()> 0 (0)	0 (0)	0 (0)	0		0 0) (0 0)
spleen	angiectasis	0 (0)	<50> 0 (0) (0 0 0) (0)	0 (0) (<500 0 0) (0 0 0 0) (0)	2 (4)	<50 0 (0) () 0 (0)	0 (0)	0 (0)		<50>) (0 0) (0
	deposit of melanin	3 (6)	0 (0) (0 0 0) (0)	1 (2) (0 (0 0	2 (4)	0 (0) (0 (0)	0 (0)	2 (4)	(0) (0 0) (0 0)
	extramedullary hematopoiesis	5 (10)	3 1 (6)(2		3 (6) (2 4) (6 0 12) (0)	5 (10)	4 (8) (6 (12)	0 (0)	4 (8)	4 (8	1 : 3) (1:	5 .0) (0
	granulopoiesis:increased	0 (0)	0 (0) (0 0 0) (0)	0 (0) (1 2) (0 0	0 (0)	0 (0) (0 (0)	0 (0)	0 (0)	(c) (0 0) (0 0)
	follicular hyperplasia	2 (4)	0 (0) (0 0 0) (0)	2 (4) (1 2) (1 0 2) (0)	2 (4)	0 (0) (0 (0)	0 (0)	(8)	(0		0 0) (0 0)
Circulatory :	system}															
neart	thrombus	0 (0)	<50> 1 (2) (0 0 0) (0)	0 (0) (<500 1 2) (0 0 0) (0)	0 (0)	<50 1 (2) (0	0 (0)	0 (0)	0 (0		0 0) (0 (0)

Grade

3 : Marked

4 : Severe

1 : Slight < a >

2 : Moderate

b

a : Number of animals examined at the site

b : Number of animals with lesion

c:b/a*100

Significant difference : * : P \leq 0.05 ** : P \leq 0.01 Test of Chi Square

(IIPT150)

BAIS4

STUDY NO. : 0498 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1] HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX

: FEMALE

PAGE: 19

Organ	Findings	Group Name No. of Animals on Study Grade(%)	Control 50 2 3 4 (%) (%) (%)	5000 μμπ 50 1 2 3 4 (%) (%) (%) (%)	1000Оррт 50 <u>1 2 3 4</u> (%) (%) (%) (%)	20000μμπ 50 <u>1 2 3 4</u> (%) (%) (%) (%)
Circulatory	system}					
eart	mineralization	1 (2)	<50> 0 0 0 (0) (0) (0)	(50) 1 0 0 0 (2) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)
rtery/aort	arteritis	1 (2)	<50> 0 0 0 (0) (0) (0)	(50) i 0 0 0 (2) (0) (0) (0)	(50) 0 0 2 0 (0) (0) (4) (0)	(50) 1 0 1 0 (2) (0) (2) (0)
Digestive sy	stem)					
ooth	dysplasia	0 (0)	<50> 0 0 0 (0) (0) (0)	(50) 0 0 0 0 (0) (0) (0) (0)	<pre></pre>	<50> 0 0 0 0 0 (0) (0) (0) (0)
alivary gl	necrosis:focal	0 (0)	<50> 0 0 0 (0) (0) (0)	(50) 1 0 0 0 (2) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	(50) 0 0 0 0 (0) (0) (0) (0)
	lymphocytic infiltration	3 (6)	0 0 0 0 (0) (0)	3 1 0 0 (6) (2) (0) (0)	6 0 0 0 (12) (0) (0) (0)	3 0 0 0 0
	xanthogranuloma	0 (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

Significant difference ; * : P \leq 0.05 ** : P \leq 0.01 Test of Chi Square

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

: MOUSE B6D2F1/Cr1j[Crj:BDF1] ALL ANIMALS (0-105W)

REPORT TYPE : A1

ANIMAL

: FEMALE SEX

PAGE: 20

		Group Name No. of Animals on Study	Control 50	5000ppm 50	10000ppm 50	20000ppm 50
0rgan	Findings	Grade <u>1</u> (%)	2 3 4 (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
(Digestive sy	ystem)					
stomach	inflammatory infiltration	0 (0)	<50> 0 0 0 (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	<50> 1 0 0 0 (2) (0) (0) (0)
	ulcer:forestomach	1 (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) (0)
	hyperplasia:forestomach	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 (2) (3) (6) (6)
	erosion:glandular stomach	2 (4)	1 0 0 (2) (0) (0)	4 0 0 0 0 (8) (0) (0) (0)	1 0 0 0 0 (2) (0) (0)	3 0 0 0 0 (6) (6) (0) (0)
	ulcer:glandular stomach	1 (2)	2 0 0 (4) (0) (0)	1 0 0 0 0 (2) (0) (0) (0)	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0)
	hyperplasia:glandular stomach	19 (38)	27 0 0 (54) (0) (0)	15 31 0 0 (30) (62) (0) (0)	16 30 0 0 (32) (60) (0) (0)	17 28 0 0 (34) (56) (0) (0)
small intes	inflammation	0 (0)	<50> 0 0 0 (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	<50> 0 0 1 0 (0) (0) (2) (0)
	arteritis	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 0 0 (0) (0)

Grade

1 : Slight

2 : Moderate

3 : Marked

4 : Severe

< a > a: Number of animals examined at the site

b b: Number of animals with lesion

(c) c:b/a*100

Significant difference ; * : $P \le 0.05$ ** : $P \le 0.01$ Test of Chi Square

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX

ANIMAL

: FEMALE

ALL ANIMALS (0-105W)

rgan	_ Findings	Group Name No. of Animals on Study Grade(%)	50 2 (%)	3 (%)	4 (%)	<u>1</u> (%)	5 2 (%)	5000p 0 3 (%)	9m 4 (%)	<u>1</u> (%)	(9	50 ?	3 (%)	4 (%)		<u>1</u> (%)	2 (%)	50 ;	3	(%)
igestive	system)																			
iver	angiectasis	11 (22)	<50 0 (0) (0	0	5 (10)	0	0 (0)	0 (0)	12 (24)	(2	<50> l ?) (0 0) (0 0)	(1	6 12) (0 (0)		0 0) (0 (0)
	necrosis:central	0 (0)	0 (0) (0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	(())) (o 0) (0	(0 0) (0 (0)	(o 0) (0 (0)
	necrosis:focal	0 (0)	1 (2)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	2 (4)	(())) (0 0) (0 0)	(0 (0)	0 (0)	(0 0) (0 ; 0)
	inflammatory infiltration	0 (0)	0 (0) (1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	(:	l 2) (0 0) (0 0)	(1 2)	1 (2)	(0 0) (0 (0)
	inflammatory cell nest	8 (16)	0 (0) (0 (0)	0 (0)	10 (20)	0 (0)	0 (0)	0 (0)	5 (10)	(:	E) (0 0) (0 0)	(2 4)	0 (0)	(0 0) (0 : 0)
	fibrosis:focal	1 (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
	clear cell focus	(2)	0 (0) (0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	(())) (0 0) (0 0)	(0	0 (0)	(0 0) (0 (0)
	basophilic cell focus	0 (0)	0 (0)	0	0	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	(() ()	0 0) (0)	(0	0 (0)	(0 0) (0 (0)

Grade 1 : Slight

^{2 :} Moderate

^{3 :} Marked

^{4 :} Severe

< a > a : Number of animals examined at the site

b b: Number of animals with lesion

⁽c) c:b/a * 100

Significant difference ; * : P \leq 0.05 ** : P \leq 0.01 Test of Chi Square

ANIMAL

0498

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

Group Name Control 5000ppn 10000ppm 20000ppm No. of Animals on Study 50 50 50 50 Grade Organ_ Findings_ (%) (%) (%) (%) (%) (%) (%) (%) (%) {Digestive system} liver <50> <50> <50> biliary cyst 0 0 0 0 0 0 2 0 0 0 0 0 0 0 0 (4)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) pancreas <50> <50> <50> <50> cyst 0 0 0 0 0 1 0 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(2)(0) (0)(0)(0)(0) inflammatory infiltration 0 0 0 0 0 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (0)(2)(0)(0) (0)(0)(0)(0) (Urinary system) kidney <50> <50> hyaline droplet 2 8 2 3 6 0 3 0 4 3 (2) (4) (16) (0) (2) (4) (12) (0) (2)(6)(6)(0) (0)(8)(6)(0) deposit of amyloid 1 0 0 0 (0)(0)(2)(0) (0)(0)(2)(0) (0)(0)(2)(0) (0)(0)(0)(0) deposit of hemosiderin 0 0 0 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (0)(2)(0)(0) (0)(0)(0)(0) Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe < a > a: Number of animals examined at the site b b: Number of animals with lesion (c) c:b/a * 100 Significant difference : * : P \leq 0.05 ** : P \leq 0.01 Test of Chi Square

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0-105W)

ANIMAL REPORT TYPE : A1

SEX : FEMALE

PAGE: 24

Organ	Findings	Group Name No. of Animals on Study Grade(%)	2	Conti 50 3 (%)	(%)	<u>1</u> (%)	2 (%)	5000 <u>1</u> 60 3 (%)	9pm 4 (%)	<u>1</u> (%)	2 (%)	1000 50 3	4	<u>1</u> (%)		20000 50 3 (%)	4
		(10)	/ (///	(10)	(107	(70)		(70)		(0,)						(10)	
(Endocrine s	ystem)																
oituitary	hemorrhage	0 (0)		50> 0 (0)	0 (0)	0 (0)	0	(0)	0 (0)	1 (2)	0	49> 0 (0	0 (0)	0 (0)	0	50> 0 (0)	0 (0)
	cyst	4 (8)		0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	2 (4)	0	(0		6 (12)	0 (0)	0 (0)	(0)
	hyperplasia	4 (8)	4 (8)	0 (0)	0 (0)	9 (18)	3 (6)	0 (0)	0 (0)	7 (14)	I 2)	(0	0) (0)	4 (8)	4 (8)	0 (0)	0 (0)
drenal	hemorrhage	3 (6)	0	50> 0 (0)	0 (0)	0 (0)	0	0 (0)	0 (0)	0 (0)	0	50> 0 (0	0 (0)	1 (2)	0	5C> 0 (0)	0 (0)
	extramedullary hematopoiesis	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0	0 (0)	0 (0)	1 (2)	0 (0)	(0		0 (0)	0 (0)	0 (0)	0 (0)
	spindle-cell hyperplasia	23 (46)	0 (0)	0 (0)	0 (0)	26 (52)	0	0 (0)	0 (0)	34 (68)	0	(0	0 *	29 (58)	0	0 (0)	(((((((((((((((((((
	hyperplasia:cortical cell	[(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 (C)
	focal fatty change:cortex	(0)	0 (0)	0 (0)	0 (0)	2 (4)	0	0 (0)	0 (0)	1 (2)	1 2)	0 (0		1 (2)	0	0 (0)	(C)

Grade

l : Slight

2 : Moderate

3 : Marked

4 : Severe

a : Number of animals examined at the site (a)

b b: Number of animals with lesion (c)

c:b/a * 100

Significant difference ; * : P \leq 0.05 ** : P \leq 0.01 Test of Chi Square

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : NOUSE B6D2F1/Cr1j[Crj:BDF1] ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

Organ	No	oup Name . of Animals on Study 50 ade <u>1 2</u> (%) (%)	3 4 (%) (%)	5000μpm 50 <u>1 2 3 4</u> (%) (%) (%) (%)	10000ppm 50 1 2 3 4 (%) (%) (%) (%)	20000ppm 50 1 2 3 4 (%) (%) (%) (%)
{Keproducti	ive system)					
ovary	thrombus	(0) (0) (0 0	\$50> 1 0 0 0 (2) (0) (0) (0)	\(\frac{50}{1} \) (2) (0) (0) (0)	<50> 1 0 0 0 (2) (0) (0) (0)
	cyst	4 0 (8) (0) (0 0 0 0)	7 0 0 0 (14) (0) (0) (0)	11 0 0 0 (22) (0) (0) (0)	5 1 0 0 (10) (2) (0) (0)
	xanthogranuloma	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 (2) (0) (0)
iterus	thrombus	<50 0 0 (0) (0) (0 0	<50> 0 G O O (0) (G) (0) (0)	<50> 1 0 0 0 (2) (0) (0) (0)	<50> 0 0 0 C (0) (0) (0) (C)
	cystic endometrial hyperplasia	16 12 (32) (24) (3 0 6) (0)	20 15 3 0 (40) (3C) (6) (0)	16 15 4 0 (32) (30) (8) (0)	19 15 3 C (38) (30) (6) (C)
{Nervous sy	rstem)					
orain	hemorrhage	<50 1 0 (2) (0) (0 0	<50> 0 0 0 0 (0) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	<50> 0 0 0 0 C (0) (0) (0) (C)
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				

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

STUDY NO. : 0498
ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX

: FEMALE

PAGE : 23

Organ	Findings	Group Name Control No. of Animals on Study 50 Grade 1 2 3 (%) (%) (%)	5000 ₃ pμm 50 4 (%) (%) (%) (%) (%)	10000ррш 50 1 2 3 4 (%) (%) (%) (%)	20000 μριπ 50 1 2 3 4 (%) (%) (%) (%)
{Urinary sys	tem)				
kidney	inflammatory infiltration	(50) 0 0 0 (0) (0) (0) (0 0 0 0 0 0) (0) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	(50) 0 1 0 0 (0) (2) (0) (0)
	lymphocytic infiltration	2 0 0 (4) (0) (0) (0 (6) (0) (0) (0)	4 0 0 0 0 (8) (0) (0) (0)	2 0 0 0 0 (4) (0) (0) (0)
	inflammatory polyp	0 2 0 (0) (4) (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 2 0 0 (0) (4) (0) (0)
	hydronephrosis	0 1 3 (0) (2) (6) (0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 1 0 (4) (0) (2) (0)	2 0 0 0 0 (4) (0) (0) (0)
	mineralization:papilla	0 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 (2) (0) (0)	0 0 0 0 0
	regeneration:proximal tubule	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 (2) (0) (0) (0)	0 0 0 0 0 (0) (0)
ireter	inflaumatory infiltration	(50) 0 0 0 (0) (0) (0) (0 0 0 0 0 0) (0) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	(50) 1 0 0 0 (2) (0) (0) (0)
(Endocrine s	ystem)				
oituitary	angiectasis	(50) 1 0 0 (2) (0) (0) (0 2 0 0 0 0) (4) (0) (0) (0)	2 0 0 0 (4) (0) (0) (0)	(50) 0 0 0 0 (0) (0) (0) (0)

c:b/a * 100

Significant difference ; * : $P \le 0.05$ ** : $P \le 0.01$ Test of Chi Square

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

SEX : FEMALE

Findings	Group Name No. of Animals on Study Grade(%)	5 2 (%)		701 4 (%)	1 (%))	50 2	3	ym <u>4</u> (%)		<u>1</u> (%)		50 3	4_		<u>1</u> (%)		50 2	3	4 (%)
													-							
n)																				
necrosis:focal	1 (2)	0	0	0 (0)			0	0	0 (0)	(0 0) (0	0		,	0	C)	0	0 0)
mineralization	2 (4)	0 (0)	0 (0)	0 (0)	2 (4)) (0 0) (0 0)	0 (0)	(0 0) (0	0	0 (0)	1	1 (2)	(())) (0 (0 0)
hemorrhage	0 (0)	0	0	0 (0)			0	0	0 (0)	(1 2) (0	0		,	0 (0)			0	0 0)
organs/appendage)																				
keratitis	0 (0)	0	0	0 (0)	0 (0)) (0	0	0 (0)	(0 0) (0	0			0	()	1	0 0)
degeneration:cornea	0 (0)	0 (0)	0 (0)	0 (0)				0	0 (0)	(0	0 (0)				0 (0)			0 (0 0)
hyperplasia	0 (0)	1	0	0 (0)			ı	0	0 (0)	(0	0	0			1 (2)	(0	0	0 0)
	necrosis:focal mineralization hemorrhage organs/appendage) keratitis degeneration:cornea	No. of Animals on Study Grade 1 Findings	No. of Animals on Study 5 Grade 1 2 2 (%) (%	No. of Animals on Study 50 Grade 1 2 3 (%) (No. of Animals on Study 50 Grade 1 2 3 4 (%) (No. of Animals on Study 50	No. of Animals on Study 50 Grade 1 2 3 4 1 (%) (%) (%) (%) (%) (%) (%) (%) (%) (%)	No. of Animals on Study 50 50 50 Findings	No. of Animals on Study 50	No. of Animals on Study 50	No. of Animals on Study	No. of Animals on Study 50	No. of Animals on Study 50 50 50 50 50 50 50 5	No. of Animals on Study 50 50 50 50 50 50 6 6 6 6 6 6 6 6 6	No. of Animals on Study 50 50 50 50 50 50 6 50 6 50 50	No. of Animals on Study 50 50 50 50 50 50 50 5	No. of Animals on Study 50 50 50 50 6 50 6 6 6 6 6 6 6 6 6	No. of Animals on Study 50	No. of Animals on Study 50	No. of Animals on Study 50

STUDY NO. : 0498
ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1

: FEMALE SEX

		Group Name No. of Anima	1s on Stu	dy	50	Contro	lo		į	5000 50	ppm			10000 ₁ 50	opm .			20000թթ 30	m
rgan Findings		Grade		(%)	2 (%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	<u>1</u> (%)	(%)	(%)	(%)
ody cavities}																			
ediastinum hemorrha	e		(0 0) (<5(0 (0)	0	0 (0)	0 (0)	0	_	0 (0)	0 (0)	0	50> 0 (0)	0 (0)	0 (0)	0	50> 0 (0) (0 0)
	of animals examined at th of animals with lesion : 100		4: So																

APPENDIX M 5

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : FEMALE

DEAD AND MORIBUND ANIMALS

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1] DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

		Group Name		Control 26		5000ррт 16			10000ppm 18				2000Օրբա 16									
)rgan	Findings	No. of Animals on Study Grade 1 (%)	2 (%)	3 (%)	(%)	<u>1</u> (%)		2	3 (%)	<u>4</u> (%)	(<u>1</u> %)	<u>2</u> (%)	(9		(%)		1 (%)	2 (%)		3 (%)	(%
(Kespiratory	system)																					
nasal cavit	respiratory metaplasia:gland	6 (23)	<2 0 (0)	0	0 (0)	3 (19)	(<16> 0 0) (0	0 (0)	(2	4 2) (0 0 0)	(8) ())) (0 0)	(1	2 13)	0 (0)	<16>	0	0
	hyperplasia:transitional epithelium	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	(0 0) (0 0)	0 (0)	(1 6) (0	(())) (0	(0 0)	0 (0)) (0	(0
	atrophy:olfactory epithelium	[(4)	0 (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	1 (4)	0	6> 0 (0)	0 (0)	1 (6)) (<16) 0 0) (0 0)	0 (0)	(1		18> ())) (0		0	0 (0)	<16>	0	((
lung	congestion	0 (0)	〈2 1 (4)	6> 0 (0)	0 (0)	0 (0)) (<16) 0 0) (0	0 (0)	(0 0) ((0 (0)	18>))) (0	(0 0)	0 (0)		0	((
	interstitial pneumonia	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)) (0 0) (0 0)	0 (0)	(0 0)	0 (0)	() ()	0 0)	(0 0)	0 (0)) (0 0)	((
	bronchiolar alveolar cell hyperplasia	o (0)	0 (0)	0 (0)	0 (0)	1 (6)) (0 0) (0 0)	0 (0)	(0 0)	0 (0)	(o o) (0 0)	(0 0)	0 (0)) (0 0)	((

Grade

1 : Slight

2 : Moderate

3 : Marked

4 : Severe

< a > a: Number of animals examined at the site

b: Number of animals with lesion

(c) c:b/a * 100

Significant difference ; $*: P \le 0.05$ $*: P \le 0.01$ Test of Chi Square

(IIPT150)

BAIS4

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1;[Crj:BDF1] DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

	Group Name No. of Animals on S Grade				5000ppm 16				10000ppm 18 1 2 3 4					20000ppm 16 1 2 3 4								
rgan	Findings	(%)	(%))	(%)	(%)		(%)	(%)	(%)	(%)		(%)	(%)	(%)		(%)	(%))	(%)	(%
Hematopoietic	: system)																					
oone marrow	angiectasis	1 (4)				0	0 (0)		<16 0 0) (0	0 (0)	0 ()		<18 0 0) () 0 0)	0 (0)	(0	0		0	0
	thrombus	0 (0)	(0)	(0		0	0 (0)	(0 0) (0 (0)	0 (0)	1 6)	(0 0) (0 0)	0 (0)	(0 0)	0 (0)		0	0
	granulation	0 (0)	(0)			0	1 (6)	. (0 0) (0 0)	0 (0)	0 (0)	(0 0) (0 0)	0 (0)	(0 0)	0 (0)		0	0
	granulopoiesis:increased	0 (0)	(0)	0)) (0	0 (0)	(0 0) (0 0)	0 (0)	1 (6)	(0 0) (0 0)	0 (0)	(1 6)	0 (0,) (0	0
ymph node	accumulation of histiocyte	[(4)	0 (0)			0 0)	0 (0)	(<16 0 0) (0	0 (0)	0 (0)	(<18 0 0) (0 0)	0 (0)	(0 0)	0		0	0
pleen	angiectasis	0 (0)				0	0 (0)		<16 0 0) (0	0 (0)	1 (6)		<18 0 0) () 0 0)	0	(0 0)	0		0	0
	deposit of melanin	2 (8)	0 (0)	0 (0		0 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)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1] DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

)rgan	No.	oup Name of Animals on Study ade 1 (%)	26 2	3 4 (%) (%)	5000 _{ppm} 16 1 2 3 4 (%) (%) (%) (%)	<u>i</u> ;	10000ppm 18 2 3 4 %) (%) (%)	20000ppm 16 1 2 3 4 (%) (%) (%) (%
Integumentar	ry system/appandage)							
kin/app	scab	0 (0)	<260 0 (0) (0 0 0 0) (0)	<16> 0 0 0 0 0 0 0 0 0 0 0		<18> 0 0 0 0) (0) (0)	<16> 0 0 0 0 0 0 0 0 0 0 0
ubcutis	inflaumation	i (4)	<260 0 (0) (0 0 0) (0)	0 0 0 0 (0) (0) (0) (0)	0 (<18> 0 0 0 0) (0) (0)	0 0 0 0 (0) (0) (0) (0
Respiratory	system)							
asal cavit	inflammation	i (4)	<260 0 (0) (0 0 0 0) (0)	<16> 1 0 0 0 (6) (0) (0) (0)		<18> 0 0 0 0) (0) (0)	0 0 0 0 (0) (0) (0) (0
	eosinophilic change:olfactory epithelium	6 (23)	0 (0) (0 0 0) (0)	4 0 0 0 (25) (0) (0) (0)		0 0 0	1 0 0 0
	eosinophilic change:respiratory epitheliu		0 (0) (0 0 0) (0)	10 0 0 0 (63) (0) (0) (0)	13 (72) (1	1 0 0 6) (0) (0)	11 1 0 0 (69) (6) (0) (0
	respiratory metaplasia:olfactory epithel		0 (0) (0 0	2 0 0 0 0 (13) (0) (0) (0)		0 0 0	0 0 0 0
rade a > b c) ignificant d	1: Slight 2: Moderate 3: A a: Number of animals examined at the site b: Number of animals with lesion c: b / a * 100 lifference; $*: P \le 0.05$ **: $P \le 0.05$	Marked 4: Sever						

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY) DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

		Animals on Study 26	5000թթ տ 16	10000 рр ы 18	20000թթm 16
Organ	Findings	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
{Hematopoiet	ic system)				
spleen	extramedullary hematopoiesis	<26> 4 2 9 0 (15) (8) (35) (0)	(16) 1 1 6 0 (6) (6) (38) (0)	<pre></pre>	<16> 2 3 5 0 (13) (19) (31) (0)
	follicular hyperplasia	0 0 0 0 0 (0) (0)	1 0 0 0 0 (6) (6) (7)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0)
{Circulatory	system)				
heart	thrombus	<26> 0 1 0 0 (0) (4) (0) (0)	(16> 0 1 0 0 (0) (6) (0) (0)	<18> 0 1 0 0 (0) (6) (0) (0)	<pre></pre>
	mineralization	1 0 0 0 0 (4) (0) (0) (0)	1 0 0 0 0 (6) (6) (7)	0 0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
artery/aort	arteritis	<26> 0 0 0 0 (0) (0) (0) (0)	(16) 0 0 0 0 (0) (0) (0) (0)	0 0 2 0 (0) (0) (11) (0)	\(\lambda 16 \rangle \) \(\begin{array}{cccccccccccccccccccccccccccccccccccc
(Digestive s	ystem)				
tooth	dysplasia	<26> 0 0 0 0 (0) (0) (0) (0)	(0) (0) (0) (0) (0)	(0) (0) (6) (0) (18>	(0) (0) (0) (0) 0 0 0 0 0
Grade <a>> b (c) Significant	1: Slight 2: Moderate 3: Mar a: Number of animals examined at the site b: Number of animals with lesion c: b / a * 100 difference; *: P ≤ 0.05 **: P ≤ 0.01				

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY) DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE PAGE: 14

		Group Name	Control	5000ррт	10000ррш	20000թթա			
rgan	Findings	No. of Animals on Study Grade(%)	26 2 3 4 (%) (%) (%)	16 1 2 3 4 (%) (%) (%) (%)	18 1 2 3 4 (%) (%) (%) (%)	16 1 2 3 4 (%) (%) (%) (%)			
)igestive sy	stem)								
alivary gl	necrosis:focal	0 (0)	<26> 0 0 0 (0) (0) (0)	1 0 0 0 (6) (0) (0) (0)	<18> 0 0 0 0 (0) (0) (0) (0)	<pre></pre>			
	xanthogranuloma	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 0			
tomach	inflammatory infiltration	0 (0)	<26> 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 (6) (0) (0) (0)			
	ulcer:forestomach	l (4)	0 0 0 0 (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)			
	erosion:glandular stomach	1 (4)	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)			
	ulcer:glandular stomach	0 (0)	2 0 0 (8) (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0)			
	lyperplasia∶glandular stomach	13 (50)	10 0 0 (38) (0) (0)	8 4 0 0 (50) (25) (0) (0)	8 7 0 0 (44) (39) (0) (0)	8 4 0 0 (50) (25) (0) (0)			
mall intes	inflammation	0 (0)	<26> 0 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0) (0) (0)	0 0 0 0 0 (0) (0) (0) (0)	(0) (0) (6) (0)			

< a > a : Number of animals examined at the site

b b : Number of animals with lesion

(c) c:b/a * 100

Significant difference ; * : $P \le 0.05$ ** : $P \le 0.01$ Test of Chi Square

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY) DEAD AND MORIBUND ANIMALS (0-105W)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1] REPORT TYPE : A1

SEX

: FEMALE

PAGE: 15

		Group Name Control	5000ppm	10000ррш	20000ppm			
Organ	Findings	No. of Animals on Study 26 Grade	16 2 3 4 (%) (%) (%) (%)	18 (%) (%) (%) (%)	16 1 2 3 4 (%) (%) (%) (%)			
{Digestive sy	stem)							
small intes	arteritis	<26> 0 0 0 0 (0) (0) (0) (0)	<pre></pre>	<18> 0 0 1 0 0 0 1 0 0 0 6 (0)	(16> 0 0 0 0 (0) (0) (0) (0)			
liver	angiectasis	3 0 0 0 (12) (0) (0) (0)	(16) 1 0 0 0 (6) (0) (0) (0)	(6) (6) (0) (0)	(6) (0) (0) (0)			
	necrosis:central	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (6) (6) (0) (0)	0 0 0 0 0 (0) (0)			
	necrosis:focal	0 1 0 0 (0) (4) (0) (0)	1 0 0 0 0 (6) (6) (70) (70)	1 0 0 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 1 0 (0) (1) (0)	0 0 0 0 0 (0) (0)	0 1 0 0 (0) (0)	0 1 0 0 (0) (0)			
	fibrosis:focal	1 0 0 0 (4) (6) (6) (7)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0) (0)			
	biliary cyst	1 0 0 0 0 (4) (0) (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0)			
pancreas	inflammatory infiltration	<26> 0 0 0 0 (0) (0) (0) (0)	(16) 0 0 0 0 (0) (0) (0) (0)	<18> 0 1 0 0 (0) (6) (0) (0)	(0) (0) (0) (0) 0 0 0 0			

<a>>

a: Number of animals examined at the site

b

b: Number of animals with lesion

(c) c:b/a * 100

Significant difference ; * : $P \le 0.05$ ** : $P \le 0.01$ Test of Chi Square

(HPT150)

BAIS4

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

REPORT TYPE : A1

DEAD AND MORIBUND ANIMALS (0-105W)

		Group Name Control No. of Animals on Study 26	5000ppm 16	10000ppm 18	20000թթm 16
ga11	Findings	Grade 1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
rinery sys	tem)				
dney	hyaline droplet	<pre></pre>	<16> 0 2 5 0 (0) (13) (31) (0)	(18) 1 2 3 0 (6) (11) (17) (0)	<16> 0 4 3 0 (0) (25) (19) (0)
	doposit of amyloid	0 0 1 0 (0) (4) (0)	0 0 1 0 (0) (6) (0)	0 0 1 0 (0) (6) (0)	0 0 0 0 0 (0) (0)
	deposit of hemosiderin	0 0 0 0	0 0 0 0 0	(0) (6) (0) (0)	0 0 0 0 0
	lymphocytic infiltration	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (6) (6) (0) (0)	0 0 0 0 0
	inflammatory polyp	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0) (0)	0 1 0 0 (0) (0) (0)	0 0 0 0 0
	hydronephrosis	0 0 1 0 (0) (0) (4) (0)	1 0 0 0 (6) (0) (0) (0)	1 0 1 0 (6) (6) (7)	1 0 0 0 0 (6) (6) (0) (0)
	mineralization:papilla	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (6) (6) (0) (0)	0 0 0 0 0
indocrine s	ystem)				
tui tary	angiectasis	\(\langle 26 \rangle \) \[1 0 0 0 \text{(0) (0) (0)} \]	1 0 0 0 (6) (0) (0) (0)	0 0 0 0 (0) (0) (0) (0)	<16> 0 0 0 0 0 0 0 0 0 0 0

b

(c)

b : Number of animals with lesion

Significant difference ; * * : P \leq 0.05 ** : P \leq 0.01 Test of Chi Square

c:b/a * 100

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY) DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FENALE

Organ	N	roup Name Control o. of Animals on Study 26 rade 1 2 3 4 (%) (%) (%) (%)	5000ppm 16 1 2 3 4 (%) (%) (%) (%)	10000ppm 18 1 2 3 4 (%) (%) (%)	20000ppm 16 1 2 3 4 (%) (%) (%) (%)
{Endocrine s	ysten)				
pituitary	hemorrhage	<26> 0 0 0 0 (0) (0) (0) (0)	0 0 0 0 (0) (0) (0) (0)	<17> 1 0 0 0 (6) (0) (0) (0)	(16) 0 0 0 0 0 0 0 0 0 0 0 0
	cyst	3 0 0 0 0 (12) (0) (0) (0)	1 0 0 0 0 (6) (6) (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (6) (6) (7)
	hyperplasia	1 1 0 0 (4)(4)(0)(0)	0 0 0 0 0 (0) (0) (0)	1 0 0 0 0 (6) (6) (0) (0)	0 0 0 0 0 (0) (0)
adrenal	hemorrhage	<26> 3 0 0 0 (12) (0) (0) (0)	<16> 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	<16> 1 0 0 0 (6) (0) (0) (0)
	extramedullary hematopoiesis	0 0 0 0 0 (0) (0)	1 0 0 0	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
	spindle-cell hyperplasia	7 0 0 0 (27) (0) (0) (0)	2 0 0 0 (13) (0) (0) (0)	9 0 0 0 0 (50) (0) (0)	1 0 0 0 0 (6) (6) (7)
	focal fatty change:cortex	0 0 0 0 0 (0) (0)	1 0 0 0 0 (6) (7) (7)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
{Reproductiv	re system}				
ovary	thrombus	<26> 0 0 0 0 0 0 (0) (0) (0)	(0) (0) (0) (0) 0 0 0 0 (16>	(18) 1 0 0 0 (6) (0) (0) (0)	<16> i 0 0 0 (6) (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 difference; * : P ≤ 0.05 **: P ≤				

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

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

SEX : FEMALE

DEAD AND MORIBUND ANIMALS (0-105W)

Findings	Group Name Control	5000ppm 16 16 (%) (%) (%) (%)	10000prm 18 18 (%) (%) (%) (%)	20000ppm 16 1 2 3 4 (%) (%) (%) (%)
system)				
cyst	<26> 2 0 0 0 (8) (0) (0) (0)	(16) 1 0 0 0 (6) (0) (0) (0)	2 0 0 0 (11) (0) (0) (0)	(16) 0 0 0 0 (0) (0) (0) (0)
xanthogranuloma	0 0 0 0 0 (0)	0 0 0 0	0 0 0 0 0 (0) (0)	1 0 0 0 0
cystic endometrial hyperplasia	31) (4) (4) (0)	5 3 1 0 (31) (19) (6) (0)	7 0 0 0 (39) (0) (0) (0)	4 1 0 0 (25) (6) (0) (0)
m)				
hemorrhage	(26) 1 0 0 0 (4) (0) (0) (0)	(16) 0 0 0 0 (0) (0) (0) (0)	(18) 0 0 0 0 (0) (0) (0) (0)	0 0 0 0 0 (0) (0) (0) (0)
mineralization	1 0 0 0 0 (4) (0) (0) (0)	0 0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0
hemorrhage	<26> 0 0 0 0 (0) (0) (0) (0)	<16> 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 (6) (0) (0) (0)	<16> 0 0 0 0 (0) (0) (0) (0)
	cyst xanthogranuloma cystic endometrial hyperplasia m) hemorrhage mineralization	No. of Animals on Study	No. of Animals on Study	No. of Animals on Study

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : MOUSE BGD2F1/Cr1;[Crj:BDF1] DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

		Group Name No. of Animals on Study	Co: 26	ıtrol		500 16	Oppm		100 18	лициоо Т			20000 16	mqq
rgan	Findings	Grade <u>1</u> (%)	2 (%) (9	3 <u>4</u> %) (%)	(%)	2 3		(%)		3 4 (%)	(9	6) (9	2 3 %) (%)	(%)
pecial sense	organs/appendage}													
rder gl	hyperplasia	(0)	<26> 1 (4) (4)	0 0	1 (6) (<16> 0 0 0) (0	0 (0)	0 (0) (<18> 0 0) (0 0	(() ()) ((<16> 0 0 0) (0)	0 (0)
Body cavities	F													
ediastinum	hemorrhage	0 (0)	<26> 0 ((0) (0) (0)	0 (0) (<16> 0 1 0) (6	0) (0)	0 (0) (<18> 0 0) (0 0	(() ()) (<16> 0 0 0) (0)	(0)
a > a > b l c c c c c c c c c	<pre>1 : Slight 2 : Moderate 3 2 : Number of animals examined at the so : Number of animals with lesion 1: b / a * 100</pre>													

APPENDIX M 6

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : FEMALE

SACRIFICED ANIMALS

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1] SACRIFICED ANIMALS (105W)

REPORT TYPE : A1 SEX

: FEMALE

PAGE: 13

Organ	Findings	Group Name No. of Animals on Study Grade(%)	24 2 (%)	Contro 3 (%)	4 (%)	<u>1</u> (%)	2 (%)	5000) 34 3 (%)	ppm 4 (%)	(%) T		10000 _k 22 3 (%)	9pm 4 (%)	1 (%)	2 (%)	2000(34 <u>3</u> (%)	4_
{Respiratory	system)																
nasal cavit	inflammation	2 (8)	<247 0 (0) (0	0 (0)	2 (6)	(0 (0)		0 (0)	0 (0)	<3 0 (0)	0 (0)	0 (0)	1 (3)	0	34> 0 (0)	0 (0)
	eosinophilic change:olfactory epithe		0 (0) (0	0 (0)	12 (35)	0 (0)	(0)	0 (0)	9 (28)	0 (0)	0 (0)	0 (0)	17 (50)	0 (0)	(0)	0 (0)
	eosinophilic change:respiratory epit	helium 20 (83)	2 (8) (0 0) (0	29 (85)	3 (9)	0 (0)	0 (0)	30 (94)	1 (3)	0 (0)	0 (0)	27 (79)	6 (18)	(3)	0 (0)
	inflammation:foreign body	1 (4)	0 (0) (0 0) (0	0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)
	respiratory metaplasia:olfactory epi		0 (0) (0	0	5 (15)	0 (0)	0 (0)	0 (0)	10 (31)	0 (0)	0 (0)	0 (0)	(18) 6	0 (0)	0 (0)	0 (0)
	respiratory metaplasia:gland	7 (29)	0 (0) (0	0 (0)	12 (35)	0 (0)	0 (0)	0 (0)	7 (22)	0 (0)	0 (0)	0 (0)	18 (53)	0 (0)	0 (0)	0 (0)
	hyperplasia:transitional epithelium	1 (4)	0 (0) (0	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	2 (6)	0 (0)	0 (0)	0 (0)
nasopharynx	eosinophilíc change	1 (4)	<242 0 (0) (0	0 (0)	1 (3)	0	34> 0 (0)	0 (0)	1 (3)	0	0 (0)	0 (0)	4 (12)	0	34> 0 (0)	0 (0)

Grade

l : Slight

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

Significant difference ; * : P \leq 0.05 ** : P \leq 0.01 Test of Chi Square

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY) SACRIFICED ANIMALS (105W)

REPORT TYPE : A1

SEX : FEMALE

		Group Name No. of Animals on Study Grade	24 2	ontro 3		1		34	1q000 3			1	6	10 32	q000q	-				34	20000 1 3		
Organ	Findings	(%)		(%)	(%)	(%)	-	(%)	(%)	<u>4</u> (%)		(%)	(%)	(%)	(%)		(%)	(9	%)	(%)		<u>4</u> (%)
Respiratory	system)																						
lung	bronchiolar-alveolar cell hyperplasia	(0)	<24> 0 (0) (0 0) (0 0)	0 (0)		(34) 0 0) (0	0 (0)	(0 0)	0		0	0 (0)	(2 6)		<34 0 0) ((0)		0
[Hematopoieti	c system)																						
one marrow	granulopoiesis:increased	(0)	<24> 0 (0) (0 0)	0 (0)	((34) 0 0) (0	0 (0)	(0 0)	0		0	0 (0)	(0 0)		<34 1 3) (1> 0 (0)		0 0)
ymph node	1ymphadenitis	O (0)	<24> 0 (0) (0 0) (0 0)	0 (0)	((34) 0 0) (0	0 (0)	(0	0		0	0 (0)	(0		<34 0 0) (1) (3)		0 0)
pleen	angiectasis	0 (0)	<24> 0 (0) (0 0) (0	0 (0)	(〈34〉 0 0) (0	0 (0)	(i 3)	0		0	0 (0)	(0 0)		<34 0 0) (1> 0 (0)		0 0)
	deposit of melanin	1 (4)	0 (0) (0 0) (0 0)	1 (3)	(0 0) (0	0 (0)	(2 6)	0) (0	0 (0)	(2 6)		0 0) (0 (0)		0 0)
	extramedullary hematopoiesis	1 (4)	1 (4) (1 4) (0 0)	2 (6)	(i 3) (0	0 (0)	(3 9)	2) (0	0 (0)	(2 6)	(;	1 3) (0 (0)	(0 0)
rade 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										•											

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : MOUSE BGD2F1/Crij[Crj:BDF1]

REPORT TYPE : A1 SEX

: FEMALE

SACRIFICED ANIMALS (105W)

Organ	No	roup Name	5000ppm 34 1 2 3 4 (%) (%) (%) (%)	10000ppm 32 <u>1 2 3 4</u> (%) (%) (%) (%)	20000ррт 34 <u>1 2 3 4</u> (%) (%) (%) (%)
{Hematopoieti	c system)				
spleen	granulopoiesis:increased	(24) 0 0 0 0 (0) (0) (0) (0)	(34) 0 1 0 0 (0) (3) (0) (0)	<pre></pre>	34> 0 0 0 0 (0) (0) (0) (0)
	follicular hyperplasia	2 0 0 0 0 (8) (0) (0) (0)	1 1 1 0 (3) (3) (0)	2 0 0 0 0 (6) (0) (0)	4 0 0 0 0 (12) (0) (0) (0)
(Circulatory	system)				
rtery/aort	arteritis	(24) 1 0 0 0 (4) (0) (0) (0)	(34) 1 0 0 0 (3) (0) (0) (0)	<pre></pre>	(34) 0 0 0 0 (0) (0) (0) (0)
Digestive sy	stem)				
alivary gl	lymphocytic infiltration	3 0 0 0 (13) (0) (0) (0)	3 1 0 0 (9) (3) (0) (0)	<pre></pre>	3 0 0 0 (9) (0) (0) (0)
tomach	hyperplasia:forestomach	(24) 0 0 0 0 (0) (0) (0) (0)	<pre></pre>	<32> 0 0 0 0 (0) (0) (0) (0)	34> 1 0 0 0 (3) (0) (0) (0)
Grade (a > b (c) Significant d	I: Slight 2: Moderate 3: a: Number of animals examined at the site b: Number of animals with lesion c: b / a * 100 ifference: * P ≤ 0.05 **: P ≤ 0				

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]
REPORT TYPE : AI

SEX : FEMALE

		up Name Control of Animals on Study 24	5000ррm 34	10000)pm 32	20000րբա 34
rgan	No. Gra Findings		1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
Digestive	system)				
tomach	erosion:glandular stomach	<24> i 1 0 0 (4) (4) (0) (0)	(34) 4 0 0 0 (12) (0) (0) (0)	32> 1 0 0 0 (3) (0) (0) (0)	<pre></pre>
	ulcer:glandular stomach	1 0 0 0 0 (4) (0) (0)	1 0 0 0 0 (3) (0) (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
	hyperplasia:glandular stomach	6 17 0 0 (25) (71) (0) (0)	7 27 0 0 (21) (79) (0) (0)	8 23 0 0 (25) (72) (0) (0)	9 24 0 0 (26) (71) (0) (0)
iver	angiectasis	<pre></pre>	(34) 4 0 0 0 (12) (0) (0) (0)	32> 11 0 0 0 (34) (0) (0) (0)	34> 5 0 0 0 (15) (0) (0) (0)
	necrosis:focal	0 0 0 0 0 (0) (0)	1 0 0 0 0 (3) (0) (0) (0)	1 0 0 0 0 (3) (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)	1 0 0 0 0 (3) (0) (0)
	inflammatory cell nest	8 0 0 0 0 (33) (0) (0) (0)	10 0 0 0 (29) (0) (0) (0)	5 1 0 0 (16) (3) (0) (0)	2 0 0 0 *
	clear cell focus	1 0 0 0 0 (4) (0) (0)	1 0 0 0 0 (3) (0) (0)	i 0 0 0 (0)(0)(0)	0 0 0 0 0
rade a > b c) ignificant	I: Slight 2: Moderate 3: M a: Number of animals examined at the site b: Number of animals with lesion c: b / a * 100 difference; *: P ≤ 0.05 **: P ≤ 0.	•			

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

REPORT TYPE : A1 SEX : FEMALE

		roup Name Control	5000թթա 34	10000րրm 32	20000թթա 34
Organ		rade 1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
{Digestive	system)				
liver	basophilic cell focus	0 0 0 0 (0) (0) (0) (0)	34> 0 0 0 0 (0) (0) (0) (0)	32> 2 0 0 0 (6) (0) (0) (0)	34> 0 0 0 0 (0) (0) (0) (0)
	biliary cyst	1 0 0 0 0 (4) (0) (0) (0)	1 0 0 0 0 (3) (0) (0) (0)	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0
pancreas	cyst	0 0 0 0 (0) (0) (0) (0)	34> 0 0 0 0 (0) (0) (0) (0)	(32) 0 0 1 0 (0) (0) (3) (0)	(34> 0 0 0 0 (0) (0) (0) (0)
{Urinary sy	stem)				
kidney	hyaline droplet	(24) 0 0 1 0 (0) (0) (4) (0)	(34) 1 0 1 0 (3) (0) (3) (0)	(32> 0 1 0 0 (0) (3) (0) (0)	\(\lambda 34 \rangle \) \(0 0 0 0 \) \(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 1 0 0 (0) (3) (0) (0)
	lymphocytic infiltration	2 0 0 0 (8) (0) (0) (0)	3 0 0 0 0 (9) (0) (0) (0)	3 0 0 0 0 (9) (0) (0)	2 0 0 0 0 (6) (6) (0) (0)
Grade <a>b <a>c <a>c<!--</td--><td>I: Slight 2: Moderate 3: a: Number of animals examined at the sit b: Number of animals with lesion c: b / a \pm 100 difference; \pm P \leq 0.05 \pm P \leq</td><td></td><td></td><td></td><td></td>	I: Slight 2: Moderate 3: a: Number of animals examined at the sit b: Number of animals with lesion c: b / a \pm 100 difference; \pm P \leq 0.05 \pm P \leq				

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1

SEX : FEMALE

SUCKILION UNIMIND (100

		roup Name o. of Animals on Study	24	Contro	l			50 34	00ppi	n				10000 2	ppm				20 34	14000pg	pm
)rgan		rade 1 (%)	2 (%)	3 (%)	(%)	(%)		2	3 (%)	(%)	(<u>1</u> (%)	(%)	3 (%)	(%)		(%)	(%	?	3 (%)	(%)
Urinary sys	stem)																				
idney	inflammatory polyp	0 (0)	<24) 2 (8) (0	0 0)	0 (0)			0 0) (0 0)		0 0) (0	2> 0 (0)	0 (0)	(0 (0)	2 (6	<34> ? 6) (0	0 (0)
	hydronephrosis	0 (0)	1 (4) (2 8) (0 0)	0 (0)	(:	1 3) (0 0) (0	(1 3) (0 0)	0 (0)	0 (0)	(1 (E)	0)) (0	0 (0)
	regeneration:proximal tubule	(0)	0 (0) (0 (0	0 0)	0 (0)			0 0) (0 0)		1 3) (0 0)	0 (0)	0 (0)	(0 (0)	0		0 0)	(0)
reter	inflammatory infiltration	0 (0)	<242 0 (0) (0	0 0)	0 (0)			0 0) (0 0)		0 0) (0	2> 0 (0)	0 (0)	(1 (3)	0 (0		0	0 (0)
Endocrine s	system)																				
ituitary	angiectasis	(0)	<24) 0 (0) (0	0 0)	1 (3)		<34> 0 0) (0 0) (0 0)		2 6) (0	2> 0 (0)	0 (0)		0 (0)	0 (0		0	0 (0)
	cyst	1 (4)	0 (0) (0	0 0)	1 (3)		0 0) (0 0) (0 0)		2 6) (0	(0)	0 (0)	(5 (15)	0 (0	-	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 difference; *: P ≤ 0.05 **: P ≤ 9	Marked 4: Severe	3			-									40. 40.						

ANIMAL

SEX

: MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY) SACRIFICED ANIMALS (105W)

REPORT TYPE : A1 : FEMALE

10000թթո 20000թթա Group Name Control 5000ррш No. of Animals on Study 34 32 34 24 Grade Organ_ Findings_ (%) (%) (%) (%) (%) (%) (%) (%) (%) (Endocrine system) pituitary <34> ⟨32⟩ <34> <24> 3 hyperplasia 0 0 1 0 (13) (13) (0) (0) (26) (9) (0) (0) (19) (3) (0) (0) (12) (12) (0) (0) adrenal <24> <34> ⟨32⟩ <34> 0 0 0 0 extramedullary hematopoiesis 0 0 0 0 0 0 0 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (3)(0)(0)(0) (0)(0)(0)(0) spindle-cell hyperplasia 16 0 24 0 (67) (0) (0) (0) (71) (0) (0) (0) (78) (0) (0) (0) (82) (0) (0) (0) hyperplasia:cortical cell 0 0 0 0 (0)(0)(0)(0) (4)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) focal fatty change:cortex 0 0 0 0 0 0 0 0 1 (0)(0)(0)(0) (3)(0)(0)(0) (3)(3)(0)(0) (3)(0)(0)(0) (Reproductive system) ovary ⟨24⟩ <34> ⟨34⟩ thrombus 0 0 0 0 0 0 0 0 0 0 (0)(0)(0)(0) (3)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe < a > a: Number of animals examined at the site b b: Number of animals with lesion (c) c:b/a * 100 Significant difference; $*: P \le 0.05$ **: $P \le 0.01$ Test of Chi Square

(HPT150)

BAIS4

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1] SACRIFICED ANIMALS (105W)

REPORT TYPE : AL SEX

: FEMALE

rgan	N	roup Name Control o. of Animals on Study 24 rade <u>1 2 3 4</u> (%) (%) (%) (%)	5000ppm 34 1 2 3 4 (%) (%) (%) (%)	10000pm 32 1 2 3 4 (%) (%) (%)	20000ppm 34 1 2 3 4 (%) (%) (%) (%)
(Reproducti	ve system)				
ovary	cyst	<24> 2 0 0 0 (8) (0) (0) (0)	(34) 6 0 0 0 (18) (0) (0) (0)	<pre></pre>	5 1 0 0 (15) (3) (0) (0)
iterus	thrombus	<24> 0 0 0 0 (0) (0) (0) (0)	<34> 0 0 0 0 (0) (0) (0) (0)	<32> 1 0 0 0 (3) (0) (0) (0)	34> 0 0 0 0 (0) (0) (0) (0)
	cystic endometrial hyperplasia	8 11 2 0 (33) (46) (8) (0)	15 12 2 0 (44) (35) (6) (0)	9 15 4 0 (28) (47) (13) (0)	15 14 3 0 (44) (41) (9) (0)
Nervous sy	stem)				
orain	necrosis:focal	<24> 1 0 0 0 (4) (0) (0) (0)	(345) 0 0 0 0 (0) (0) (0) (0)	<32> 0 0 0 0 (0) (0) (0) (0)	(34) 0 0 0 0 (0) (0) (0) (0)
	mineralization	1 0 0 0 (4) (0) (0) (0)	2 0 0 0 0 (6) (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (3) (0) (0) (0)
Special se	nse organs/appendage)				
эуө	keratitis	<24> 0 0 0 0 0 (0) (0) (0) (0)	34> 0 0 0 0 0 0 0 0 0 0 0	(32> 0 0 0 0 (0) (0) (0) (0)	0 0 i 0 (0) (0) (3) (0)
Grade (a > b (c) Gignificant	1: Slight 2: Moderate 3: a: Number of animals examined at the sit b: Number of animals with lesion c: b / a * 100 difference; *: P ≤ 0.05 **: P ≤				

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)

3 B6D2F1/Cr1i[Cri:BDF1]

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

SACRIFICED ANIMALS (105W)

REPORT TYPE : A1 SEX : FEMALE

		Group Name No. of Animals on Study	Con 24	trol		34	5000ppm			1 32	1գ0000	m			20 34	qq000l	m
Organ	Findings	Grade <u>1</u> (%)	2 3 (%) (%		(%)	2 (%)	3 4 (%) (%		<u>1</u> (%)	2 (%)	3 (%)	(%)	((%)	2	3 (%)	(%)
Special sense	e organs/appendage)																
eye	degeneration:cornea	0 (0)	<24> 0 0 (0) (0		1 (3)	<34 0 (0) (> 0 0 (0) (0	0) (0 (<32 0 0) (0 (0)	(0 (<34> 0 0) (0	0 (0)
Harder gl	hyperplasia	0 (0)	<24> 0 0 (0) (0		0 (0)	<34 l (3) ())) (0 (<32 0 0) (0	0 (0)	, (1 3) (<34> 0 0) (0	0 (0)
<a>> b (c)	1: Slight 2: Moderate a: Number of animals examined at the b: Number of animals with lesion c: b / a * 100 ifference; *: P ≤ 0.05 **: P									. =					-		

APPENDIX N 1

STUDY NO. : 0498 NUMBER OF ANIMALS WITH TUMORS AND NUMBER OF TUMORS - TIME RELATED

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1

SEX : MALE

ime-related Weeks	Items	Group Name	Control	5000ppm	10000ррш	20000ppm	
0 - 52	NO. OF EXAMINED ANIMALS		O	1	0	2	
	NO. OF ANIMALS WITH TUMORS		0	0	0	0	
	NO. OF ANIMALS WITH SINGLE TUMORS		0	0	0	0	
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0	
	NO. OF BENIGN TUMORS		0	0	0	0	
	NO. OF MALIGNANT TUMORS		0	0	0	0	
	NO. OF TOTAL TUMORS		0	0	0	0	
53 - 78	NO. OF EXAMINED ANIMALS		8	0	0	1	
	NO. OF ANIMALS WITH TUMORS		7	0	0	0	
	NO. OF ANIMALS WITH SINGLE TUMORS		6	0	0	0	
	NO. OF ANIMALS WITH MULTIPLE TUMORS		1	0	0	0	
	NO. OF BENIGN TUMORS		3	0	0	0	
	NO. OF MALIGNANT TUMORS		5	0	0	0	
	NO. OF TOTAL TUMORS		8	0	0	0	
79 - 104	NO. OF EXAMINED ANIMALS		7	14	8	6	
	NO. OF ANIMALS WITH TUMORS		6	14	7	6	
	NO. OF ANIMALS WITH SINGLE TUNORS		4	9	5	5	
	NO. OF ANIMALS WITH MULTIPLE TUMORS		2	5	2	1	
	NO. OF BENIGN TUMORS		5	6	4	2	
	NO. OF MALIGNANT TUMORS		4	15	6	5	
	NO. OF TOTAL TUMORS		9	21	10	7	
105 - 105	NO. OF EXAMINED ANIMALS		35	35	42	41	
	NO. OF ANIMALS WITH TUMORS		24	23	28	22	
	NO. OF ANIMALS WITH SINGLE TUMORS		13	9	21	16	
	NO. OF ANIMALS WITH MULTIPLE TUMORS		11	14	7	6	
	NO. OF BENIGN TUMORS		27	23	19	20	
	NO. OF MALIGNANT TUMORS		11	21	17	8	
	NO. OF TOTAL TUMORS		38	44	36	28	

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

NUMBER OF ANIMALS WITH TUMORS AND NUMBER OF TUMORS - TIME RELATED

REPORT TYPE : A1

SEX : MALE

PAGE: 2

Time-relatedWeeks	Items	Group Name	Control	5000ppm	10000ррт	20000ppm	
0 - 105	NO. OF EXAMINED ANIMALS		50	50	50	50	
	NO. OF ANIMALS WITH TUMORS		37	37	35	28	
	NO. OF ANIMALS WITH SINGLE TUMORS		23	18	26	21	
	NO. OF ANIMALS WITH MULTIPLE TUMORS		14	19	9	7	
	NO. OF BENIGN TUMORS		35	29	23	22	
	NO. OF MALIGNANT TUMORS		20	36	23	13	
	NO. OF TOTAL TUMORS		55	65	46	35	
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APPENDIX N 2

NUMBER OF ANIMALS WITH TUMORS AND NUMBER OF TUMORS - TIME RELATED

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE

Time-related Weeks	Items	Group Name	Control	5000ррт	10000ppm	20000ppm	
0 - 52	NO. OF EXAMINED ANIMALS		3	0	2	2	
	NO. OF ANIMALS WITH TUMORS		ī	0	0	2	
	NO. OF ANIMALS WITH SINGLE TUMORS		ī	0	Ō	2	
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0	
	NO. OF BENIGN TUMORS		0	0	0	. 0	
	NO. OF MALIGNANT TUMORS		1	0	0	2	
	NO. OF TOTAL TUMORS		1	0	0	2	
53 - 78	NO. OF EXAMINED ANIMALS		3	3	3	4	
	NO. OF ANIMALS WITH TUMORS		3	2	1	3	
	NO. OF ANIMALS WITH SINGLE TUMORS		3	2	1	3	
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0	
	NO. OF BENIGN TUMORS		0	0	0	0	
	NO. OF MALIGNANT TUMORS		3	2	1	3	
	NO. OF TOTAL TUMORS		3	2	1	3	
79 - 104	NO. OF EXAMINED ANIMALS		20	13	13	10	
	NO. OF ANIMALS WITH TUMORS		19	13	12	9	
	NO. OF ANIMALS WITH SINGLE TUMORS		15	7	6	6	
	NO. OF ANIMALS WITH MULTIPLE TUMORS		4	6	6	3	
	NO. OF BENIGN TUMORS		3	8	4	4	
	NO. OF MALIGNANT TUMORS		21	14	14	8	
	NO. OF TOTAL TUMORS		24	22	18	12	
105 - 105	NO. OF EXAMINED ANIMALS		24	34	32	34	
	NO. OF ANIMALS WITH TUMORS		15	23	22	20	
	NO. OF ANIMALS WITH SINGLE TUMORS		9	14	13	13	
	NO. OF ANIMALS WITH MULTIPLE TUMORS		6	9	9	7	
	NO. OF BENIGN TUMORS		9	15	20	12	
	NO. OF MALIGNANT TUMORS		12	. 22	16	15	
	NO. OF TOTAL TUMORS		21	37	36	27	

NUMBER OF ANIMALS WITH TUMORS AND NUMBER OF TUMORS - TIME RELATED ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1

SEX : FEMALE

PAGE: 4

Time-relatedWeeks	Items	Group Name	Control	5000թթա	10000ppm	20000ppm	
0 - 105	NO. OF EXAMINED ANIMALS		50	50	50	50	
	NO. OF ANIMALS WITH TUMORS		38	38	35	34	
	NO. OF ANIMALS WITH SINGLE TUMORS		28	23	20	24	
	NO. OF ANIMALS WITH MULTIPLE TUMORS		10	15	15	10	
	NO. OF BENIGN TUMORS		12	23	24	16	
	NO. OF MALIGNANT TUMORS		37	38	31	28	
	NO. OF TOTAL TUMORS		49	61	55	44	
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APPENDIX O 1

HISTOPATHOLOGICAL FINDINGS:

NEOPLASTIC LESIONS : MALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : MALE

Organ	Findings	Group Name No. of animals on Study	Control 50	5000ppm 50	10000ppm 50	20000ppm 50
{Integumentary	system/appandage)					
skin/app			<50>	<50>	<50>	<50>
	hemangioma		1 (2%)	0 (0%)	0 (0%)	1 (2%)
	mastcytoma:malignant		1 (2%)	0 (0%)	0 (0%)	0 (0%)
ubcutis	Languagiana		<50>	<50>	<50>	<50> 1 (2%)
	hemangioma		0 (0%)	1 (2%)	0 (0%)	
	schwannoma:malignant		1 (2%)	0 (0%)	0 (0%)	0 (0%)
	hemangiosarcoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
Respiratory s	system)					
nasal cavit			<50>	<50>	<50>	<50>
	schwannoma:malignant		0 (0%)	0 (0%)	1 (2%)	0 (0%)
	hemangiosarcoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
ung			<50>	<50>	<50>	<50>
	bronchiolar-alveolar adenoma		5 (10%)	7 (14%)	5 (10%)	4 (8%)
	bronchiolar-alveolar carcinoma		3 (6%)	8 (16%)	4 (8%)	3 (6%)
(Hematopoietic	system)					
bone marrow			<50>	<50>	<50>	<50>
	liemangioma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
lymph node	***		<50>	<50>	<50>	<50> 0 (0%)
	mastcytoma:benign		1 (2%)	0 (0%)	0 (0%)	U (U%)

ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX : MALE

Organ	Findings	Group Name No. of animals on Study	Control 50	5000ppm 50	10000ppm 50	20000ppm 50
{ lematopoietic	system)					
lymph node	malignant lymphoma		<50> 2 (4%)	<50> 7 (14%)	<50> 7 (14%)	<50> 4 (8%)
spleen	mastcytoma:benign	·	<50> 0 (0%)	<49> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)
	hemangioma		2 (4%)	1 (2%)	2 (4%)	4 (8%)
	malignant lymphoma		0 (0%)	1 (2%)	1 (2%)	0 (0%)
	mastcytoma:malignant		1 (2%)	0 (0%)	0 (0%)	0 (0%)
	hemangiosarcoma		1 (2%)	0 (0%)	0 (0%)	1 (2%)
{Digestive sys	tem)					
alivary gl	histiocytic sarcoma		<50> 2 (4%)	<50> 2 (4%)	<50> 0 (0%)	<50> 0 (0%)
tomaclı	squamous coll papilloma		<50> 1 (2%)	<50> 0 (0%)	<50> 2 (4%)	<50> 2 (4%)
	squamous cell carcinoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
	carcinoid tumor:malignant		0 (0%)	1 (2%)	1 (2%)	1 (2%)
small intes	histiocytic sarcoma		<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)
liver	hemang i oma		<50> 4 (8%)	<50> 2 (4%)	<50> 4 (8%)	<50> 3 (6%)

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)

2F1/Crlj[Crj:BDF1] ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : MALE

PAGE: 3

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Organ	Findings	Group Name No. of animals on Study	Control 50	5000ppm 50	10000ppm 50	20000ppm 50
{Digestive sys	stem)					
liver	hepatocellular adenoma	17	(50) 7 (34%)	<50> 14 (28%)	<50> 7 (14%)	<50> 6 (12%)
	histiocytic sarcoma	1	(2%)	4 (8%)	1 (2%)	c (0%)
	hemangicsarcoma	3	3 (6%)	5 (10%)	3 (6%)	C (0%)
	hepatocellular carcinoma	3	3 (6%)	3 (6%)	1 (2%)	1 (2%)
	hepatoblastoma	() (0%)	1 (2%)	0 (0%)	C (0%)
oancreas	islet cell adenoma	((50>) (0%)	<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)
	islet cell adenocarcinoma	() (0%)	0 (0%)	0 (0%)	1 (2%)
(Urinary syste	en:)					
rin bladd	histiocytic sarcoma	((50) (0%)	<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)
irethra	histiocytic sarcoma	(<50>) (0%)	<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)
(Endocrine sys	stem)					
pituitary	adenoma	(<50> 0 (0%)	<49> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)
{Reproductive	system)					
epididymis	histiocytic sarcuma	(<50> 0 (0%)	<50> 0 (0%)	<50> 2 (4%)	<50> 0 (0%)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : MALE PAGE: 4

Organ	Findings	Group Name No. of animals on Study	Cor 50	ontrol)	50 50		10000ppm 50	20000 ррт 50
{Nervous syste	em)							
periph nerv	histiocytic sarcoma	0	<50X		<50 (<50> (2%) 1	<50> (2%)
{Special sense	e organs/appendage)							
Harder gl	adenoma	.2	<50)		<50 (<50> (4%) 1	<50> (2%)
{Body cavities	s)							
peritoneum	hemangioma	1	<50)		<50 (<50> (0%) 0	<50> (0%)
retroperit	histiocytic sarcoma	1	<50)		<50 (<50> (0%) 0	<50> (0%)
	hemangiosarcoma	0	((0%) 1	(2%) 0	(0%) 0	(0%)
<a>><a> b (c)	a: Number of animals examined at the site b: Number of animals with neoplasm c:b/a*1	00				· · · · · · · · · · · · · · · · · · ·		

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APPENDIX O 2

HISTOPATHOLOGICAL FINDINGS:

NEOPLASTIC LESIONS : FEMALE

ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1
SEX : FEMALE

)rgan	Findings	Group Name No. of animals on Study		Control 50		5000ppm 50	_	10000ppm 50		20000ppm 50
Integumentary	system/appandage)									
skin/app	squamous cell papilloma			<50> (0%)	1	<50> (2%)	0	<50> (0%)	1	<50> (2%)
ubcutis	fibroma			<50> (0%)	2	<50> (4%)	0	<50> (0%)	0	<50> (0%)
	hemangioma		0	(0%)	0	(0%)	1	(2%)	0	(0%)
	fibrosarcoma		1	(2%)	0	(0%)	1	(2%)	0	(0%)
	histiocytic sarcoma	1	0	(0%)	0	(0%)	1	(2%)	0	(0%)
	hemangiosarcoma		0	(0%)	0	(0%)	0	(0%)	1	(2%)
Respiratory s	ystem)									
ung	bronchiolar-alveolar adenoma			<50> (2%)	2	<50> (4%)	6	<50> (12%)	3	<50> (6%)
	bronchiolar-alveolar carcinoma		1	(2%)	1	(2%)	0	(0%)	1	(2%)
Hematopoietic	system)									
ymph node	malignant lymphoma	1.		<50> (30%)	19	<50> (38%)	12	<50> (24%)	11	<50> (22%)
	mastcytoma:malignant		0	(0%)	. 1	(2%)	0	(0%)	0	(0%)
spleen	hemangioma			<50> (0%)	0	<50> (0%)	1	<50> (2%)	0	<50> (0%)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1

: FEMALE

Organ	Findings	Group Name No. of animals on Study	Control 50	5000ppm 50	10000ppm 50	20000ppm 50
{ lematopoieti	ic system)					
spleen	histiocytic sarcoma		<50> 1 (2%)	<50> 1 (2%)	<50> 0 (0%)	<50> 1 (2%)
	malignant lymphoma		2 (4%)	3 (6%)	3 (6%)	1 (2%)
{Circulatory	system)					
heart	hemangioma		<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)	<50> 1 (2%)
{Digestive sy	vstem)					
stomach	squamous cell papilloma		<50> 1 (2%)	<50> 1 (2%)	<50> 0 (0%)	<50> 2 (4%)
	mastcytoma malignant		1 (2%)	0 (0%)	0 (0%)	0 (0%)
small intes	histiocytic sarcoma		<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)
liver	homangioma		<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)	<50> 2 (4%)
	hepatocellular adenoma		4 (8%)	3 (6%)	7 (14%)	2 (4%)
	histiocytic sarcoma		1 (2%)	1 (2%)	2 (4%)	0 (0%)
	hemangiosarcoma		0 (0%)	0 (0%)	1 (2%)	0 (0%)
	hepatocellular carcinoma		0 (0%)	0 (0%)	1 (2%)	0 (0%)

b (c) b : Number of animals with neoplasm c:b/a * 100

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX : FEMALE

Organ	Findings	Group Name No. of animals on Study		Control 50		5000ppm 50		10000ppm 50		20000ppm 50
{Endocrine sys	stem)									
pituitary	adenoma			<50> (8%)	7	<50> (14%)	2	<49> (4%)	3	<50> (6%)
	adenocarcinoma		1	(2%)	0	(0%)	0	(0%)	0	(0%)
Reproductive	system)									
ovary	cystadenoma			<50> (0%)	2	<50> (4%)	I	<50> (2%)	0	<50> (0%)
	hemangioma		1	(2%)	3	(6%)	0	(0%)	0	(0%)
uterus	hemangioma			<50> (0%)	0	<50> (0%)	1	<50> (2%)	1	<50> (2%)
	endometrial stromal polyp		0	(0%)	0	(0%)	1	(2%)	0	(0%)
	histiocytic sarcoma	1	13	(26%)	10	(20%)	8	(16%)	10	(20%)
agina	squamous cell papilloma			<50> (0%)	0	<50> (0%)	i	<50> (2%)	0	<50> (0%)
nammary gl	adenocarcinoma			<50> (2%)	2	<50> (4%)	1	<50> (2%)	1	<50> (2%)
{Nervous syste	en)									
prain	meningioma:malignant			<50> (0%)	0	<50> (0%)	1	<50> (2%)	0	<50> (0%)
(Special sense	organs/appendage}									
darder gl	adenoma			<50> (2%)	2	<50> (4%)	I	<50> (2%)	1	<50> (2%)

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX : FEMALE

rgan	Findings	Group Name No. of animals on Study	Control 50	5000ppm 50	10000ppm 50	20000ppm 50
Body cavities	s)					
ediastinum	histiocytic sarcoma		<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)
<a>> (c)	a: Number of animals examined at the site b: Number of animals with neoplasm c:b/	′ a * 100		-		
(HPT085)						

APPENDIX P 1

NEOPLASTIC LESIONS-INCIDENCE

AND STATISTICAL ANALYSIS: MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

SEX : MALE

Group Name 20000ppm Control 5000ppm 10000ppm SITE : lung TUMOR : bronchiolar-alveolar adenoma Tumor rate 4/50(8.0) Overall rates(a) 5/50(10.0) 7/50 (14.0) 5/50(10.0) Adjusted rates(b) 11.43 15. 22 11.90 9.76 4/35(11.4) Terminal rates(c) 5/35 (14.3) 5/42(11.9) 4/41(9.8) Statistical analysis Peto test Standard method(d) P = -----Prevalence method(d) P = 0.7677Combined analysis(d) Cochran-Armitage test(e) P = 0.5587Fisher Exact test(e) P = 0.5000P = 0.3798P = 0.6297SITE : lung TUMOR : bronchiolar-alveolar carcinoma Tumor rate Overall rates(a) 3/50(6.0) 8/50 (16.0) 4/50(8.0) 3/50(6.0) Adjusted rates(b) 5.71 16.67 9.52 7.32 Terminal rates(c) 2/35(5.7) 5/35 (14.3) 4/42(9.5) 3/41(7.3) Statistical analysis Peto test Standard method(d) P = 0.8933Prevalence method(d) P = 0.6149Combined analysis (d) P = 0.7608Cochran-Armitage test(e) P = 0.5587Fisher Exact test(e) P = 0.0999P = 0.5000P = 0.6611SITE : lung TUMOR : bronchiolar-alveolar adenoma, bronchiolar-alveolar carcinoma Tumor rate Overall rates(a) 8/50(16.0) 15/50(30.0) 7/50(14.0) 8/50(16.0) Adjusted rates(b) 17.14 30.95 19.05 17.07 Terminal rates(c) 6/35(17.1) 10/35(28.6) 8/42(19.0) 7/41(17.1) Statistical analysis Peto test Standard method(d) P = 0.8933Prevalence method(d) P = 0.7950Combined analysis(d) P = 0.8678Cochran-Armitage test(e) P = 0.3607Fisher Exact test(e) P = 0.0765P = 0.6071P = 0.5000

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NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

SEX : MALE

Group Name Control 5000ppm 10000ppm 20000ppm SITE : lymph node TUMOR : malignant lymphoma Tumor rate Overall rates(a) 2/50(4.0) 4/50(8.0) 7/50 (14.0) 7/50(14.0) Adjusted rates(b) 2.86 11.43 14, 29 4.88 Terminal rates(c) 1/35(2.9) 4/35(11.4) 6/42(14.3) 2/41(4.9) Statistical analysis Peto test Standard method(d) P = 0.4531Prevalence method(d) P = 0.4979Combined analysis(d) P = 0.4752Cochran-Armitage test(e) P = 0.7499Fisher Exact test(e) P = 0.0798P = 0.0798P = 0.3389SITE : spleen TUMOR : hemangioma Tumor rate Overall rates (a) 2/50(4.0) 1/49(2.0) 2/50(4.0) 4/50(8.0) Adjusted rates(b) 5. 13 8.70 2.86 4.76 Terminal rates(c) 1/35(2.9) 1/35(2.9) 2/42(4.8) 3/41 (7.3) Statistical analysis Peto test Standard method(d) P = ----Prevalence method(d) P = 0.1294Combined analysis (d) P = ----Cochran-Armitage test(e) P = 0.2298Fisher Exact test(e) P = 0.5077P = 0.6913P = 0.3389SITE : spleen TUMOR : hemangioma, hemangiosarcoma Tumor rate Overall rates(a) 3/50(6.0) 1/49(2.0) 2/50(4.0) 5/50(10.0) Adjusted rates(b) 7.69 2.86 10.87 4.76 Terminal rates(c) 2/35(5.7) 2/42(4.8) 1/35(2.9) 4/41(9.8) Statistical analysis Peto test Standard method(d) P = -----Prevalence method(d) P = 0.1315Combined analysis(d) P = ---Cochran-Armitage test(e) P = 0.2321Fisher Exact test(e) P = 0.3163P = 0.5000P = 0.3575

(HPT360A)

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NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : MALE

5000ppm Group Name Control 10000ppm 20000թթա SITE : liver TUMOR : hemangioma Tumor rate Overall rates(a) 4/50(8.0) 2/50(4.0) 4/50(8.0) 3/50(6.0) Adjusted rates(b) 5.71 4.88 5.71 9.09Terminal rates(c) 2/35(5.7) 2/35(5.7) 3/42(7.1) 2/41(4.9) Statistical analysis Peto test Standard method(d) P = 0.6811Prevalence method(d) P = 0.4920Combined analysis(d) P = 0.5963Cochran-Armitage test(e) P = 0.8844Fisher Exact test(e) P = 0.3389P = 0.6425P = 0.5000SITE : liver TUMOR : hepatocellular adenoma Tumor rate Overall rates(a) 17/50(34.0) 14/50 (28.0) 7/50(14.0) 6/50(12.0) 45.71 14.63 Adjusted rates(b) 34. 29 15.22 Terminal rates(c) 16/35(45.7) 12/35 (34.3) 6/42(14.3) 6/41(14.6) Statistical analysis Peto test Standard method(d) P = ----Prevalence method(d) P = 0.9997Combined analysis (d) P = ----Cochran-Armitage test(e) P = 0.0039 **Fisher Exact test(e) P = 0.0169*P = 0.3329P = 0.0082**SITE : liver TUMOR : histiocytic sarcoma Tumor rate Overall rates(a) 1/50(2.0) 4/50(8.0) 1/50(2.0) 0/50(0.0) Adjusted rates(b) 0.0 0.0 5.71 0.0 Terminal rates(c) 0/35(0.0) 0/41(0.0) 2/35(5.7) 0/42(0.0) Statistical analysis Peto test Standard method(d) P = 0.8533Prevalence method(d) P = 0.7645Combined analysis(d) P = 0.9129Cochran-Armitage test(e) P = 0.2072Fisher Exact test(e) P = 0.1811P = 0.7525P = 0.5000

(HPT360A)

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NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : MALE

Group Name	Control	5000րթա	10000ppm	20000թրm
	SITE : liver			
Tumor rate	TUMOR : hemangiosarcoma			
Overall rates(a)	3/50(6.0)	5/50(10.0)	3/50(6.0)	0/50(0.0)
Adjusted rates(b)	8. 57	8. 33	2. 38	0.0
Terminal rates(c)	3/35(8.6)	2/35(5.7)	1/42(2.4)	0/41(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.6397			
Prevalence method(d)	P = 0.9820			
Combined analysis(d) Cochran-Armitage test(e)	P = 0.9707 P = 0.0836			
Fisher Exact test(e)	. 3.0000	P = 0.3575	P = 0.6611	P = 0.1212
Tumor rate Overall rates(a) Adjusted rates(b) Terminal rates(c) Statistical analysis Peto test Standard method(d) Prevalence method(d)	SITE : liver TUMOR : hepatocellular carcinom 3/50(6.0) 5.71 2/35(5.7) P = 0.5110 P = 0.9753	3/50(6.0) 5.71 2/35(5.7)	1/50(2.0) 0.0 0/42(0.0)	1/50(2.0) 0.0 0/41(0.0)
Combined analysis (d)	P = 0.9143			
Cochran-Armitage test(e)	P = 0.2225			
Fisher Exact test(e)		P = 0.6611	P = 0.3087	P = 0.3087
Tumor rate	SITE : liver TUMOR : hemangioma, hemangiosarc	oma		
Overall rates(a)	7/50(14.0)	6/50 (12.0)	7/50(14.0)	3/50(6.0)
Adjusted rates(b)	14. 29	11. 11	11.36	4.88
Terminal rates(c)	5/35(14.3)	3/35(8.6)	4/42(9.5)	2/41(4.9)
Statistical analysis Peto test				
Standard method(d)	P = 0.7364			
Prevalence method(d)	P = 0.8884			
Combined analysis(d) Cochran-Armitage test(e)	P = 0.9173 P = 0.2163			
Fisher Exact test(e)	1 - 0.2103	P = 0.5000	P = 0.6129	P = 0.1589
		1 0.000	1 - 0.0123	1 - 0. 1000

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NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1] SEX : MALE

				1 2	
Group Name	Control	5000թթա	10000թրա	20000րյա	
	SITE : liver				
	TUMOR : hepatocellular ade	oma, hepatocellular carcinoma			
Tumor rate	10/50/ 00 0	45 (50 / 00 0)	0.470.4.4.0.0	7/50/ 4/ 0)	
Overall rates(a)	19/50(38.0)	16/50(32. 0)	8/50(16.0)	7/50(14.0)	
Adjusted rates(b)	48. 57	37. 14	15. 22	14. 63	
Terminal rates(c) Statistical analysis	17/35(48.6)	13/35(37. 1)	6/42(14.3)	6/41(14.6)	
Peto test					
Standard method(d)	P = 0.5110				
Prevalence method(d)	P = 0.9999				
Combined analysis (d)	P = 0.9998				
Cochran-Armitage test(e)	P = 0.0024**				
Fisher Exact test(e)		P = 0.3377	P = 0.0116*	P = 0.0056**	
	SITE : liver TUMOR : hepatocellular ade	oma, hepatocellular carcinoma, hepatoblast	oma		
Tumor rate		, .			
Overall rates(a)	19/50(38.0)	17/50 (34. 0)	8/50(16.0)	7/50(14.0)	
Adjusted rates(b)	48. 57	37. 14	15, 22	14. 63	
Terminal rates(c)	17/35(48.6)	13/35(37.1)	6/42(14.3)	6/41(14.6)	
Statistical analysis					
Peto test					
Standard method(d)	P = 0.5110				
Prevalence method(d)	P = 0.9999				
Combined analysis(d)	P = 0.9998				
Cochran-Armitage test(e)	P = 0.0019**				
Fisher Exact test(e)		P = 0.4176	P = 0.0116*	P = 0.0056**	

(a): Number of tumor-bearing animals/number of animals examined at the site.

(b): Kaplan-Meier estimated tumor incidence at the end of the study after adjusting for intercurrent mortality.

(c): Observed tumor incidence at terminal kill.

(d): Beneath the control incidence are the P-values associated with the trend test.

Standard method : Death analysis

Prevalence method: Incidental tumor test

Combined analysis: Death analysis + Incidental tumor test

(c): The Cochran-Armitage and Fisher exact test compare directly the overall incidence rates.

?: The conditional probabilities of the largest and smallest possible out comes can not estimated or this P-value is beyond the estimated P-value.

----: There is no data which should be statistical analysis.

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

N.C.: Statistical value cannot be calculated and was not significant.

BAIS4

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

Group Name

SEX : MALE

Tumor rate

Tumor rate

(HPT360A)

Overall rates(a)

Adjusted rates(b)

Terminal rates(c)

Statistical analysis Peto test

Overall rates(a) Adjusted rates(b)

Terminal rates(c)

Statistical analysis Peto test Standard method(d)

Prevalence method(d)

Combined analysis(d)

Fisher Exact test(e)

Cochran-Armitage test(e)

5000ppm	10000թթա	_ 20000ррш	
7/50(14.0)	5/50(10.0)	2/50(4.0)	
11. 43 4/35(11. 4)	7. 14 3/42(7. 1)	0.0 0/41(0.0)	
4/35(11.4)	3/42\ (.1)	0/41(0.0)	
P = 0.2623	P = 0.5000	P = 0.3389	

Standard method(d) Prevalence method(d)

P = 0.4531P = 0.5487P = 0.5176

Combined analysis (d) Cochran-Armitage test(e) Fisher Exact test(e)

P = 0.8187

2.86

Control

SITE : ALL SITE TUMOR : histiocytic sarcoma

4/50(8.0)

1/35(2.9)

P = 0.7271

P = 0.8783

P = 0.8945

P = 0.2775

SITE : ALL SITE TUMOR : malignant lymphoma

2/50(4.0)

1/35(2.9)

2.86

P = 0.0458*

P = 0.0458*

8/50 (16.0)

7/42(16.7)

16.67

P = 0.3389

4/50(8.0)

2/41(4.9)

4.88

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8/50 (16.0)

5/35(14.3)

14. 29

⁽a): Number of tumor-bearing animals/number of animals examined at the site.

⁽b): Kaplan-Meier estimated tumor incidence at the end of the study after adjusting for intercurrent mortality.

⁽c): Observed tumor incidence at terminal kill.

⁽d): Beneath the control incidence are the P-values associated with the trend test.

Standard method : Death analysis

Prevalence method: Incidental tumor test

Combined analysis: Death analysis + Incidental tumor test

⁽e): The Cochran-Armitage and Fisher exact test compare directly the overall incidence rates.

^{?:} The conditional probabilities of the largest and smallest possible out comes can not estimated or this P-value is beyond the estimated P-value.

^{----:} There is no data which should be statistical analysis.

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

N.C.: Statistical value cannot be calculated and was not significant.

APPENDIX P 2

NEOPLASTIC LESIONS-INCIDENCE

AND STATISTICAL ANALYSIS: FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

STUDY No. : 0498
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : FEMALE

		,		
Group Name	Control	5000թթա	10000թյու	20000թյա
	SITE : lung			
Tumor rate	TUMOR : bronchiolar—alveolar add	enoma		
Overall rates(a)	1/50(2.0)	2/50(4.0)	6/50 (12.0)	3/50(6.0)
Adjusted rates(b)	4. 17	5. 71	15. 63	8. 33
Terminal rates(c)	1/24(4.2)	1/34(2.9)	5/32(15.6)	2/34(5.9)
Statistical analysis	_,,	-,,	, -= (
Peto test				
Standard method(d)	P =			
Prevalence method(d)	P = 0.2104			
Combined analysis(d)	P =			
Cochran-Armitage test(e)	P = 0.3141			
Fisher Exact test(e)		P = 0.5000	P = 0.0559	P = 0.3087
	SITE : lung			
Tumor rate	IUMUK : bronchiolar-alveolar ad	enoma, bronchiolar-alveolar carcinoma		
Overall rates(a)	2/50(4.0)	3/50 (6.0)	6/50(12.0)	4/50(8.0)
Adjusted rates(b)	6.06	8. 57	15. 63	11.11
Terminal rates(c)	1/24(4.2)	2/34(5.9)	5/32(15.6)	3/34(8.8)
Statistical analysis	1,01(1.0)	5,01(0.0)	0,02(10.0)	7,72,
Peto test				
Standard method(d)	P =			
Prevalence method(d)	P = 0.2392			
Combined analysis(d)	P =			
Cochran-Armitage test(e)	P = 0.3886			
Fisher Exact test(e)		P = 0.5000	P = 0.1343	P = 0.3389
	CIMP . 1 1			
	SITE : lymph node TUMOR : malignant lymphoma			
Tumor rate	10% . matiguant limbuoma			
Overall rates(a)	15/50(30.0)	19/50(38.0)	12/50(24.0)	11/50(22.0)
Adjusted rates(b)	25. 00	32. 35	25. 00	23. 53
Terminal rates(c)	6/24(25.0)	11/34(32. 4)	8/32(25. 0)	8/34(23.5)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.9891			
Prevalence method(d)	P = 0.6429			
Combined analysis(d)	P = 0.9653			
Cochran-Armitage test(e)	P = 0.1769			
Fisher Exact test(e)		P = 0.2634	P = 0.3264	P = 0.2472

(HPT360A)

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NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : FEMALE

Group Name Control 10000ppm 20000ppm 5000ррш SITE : spleen TUMOR : malignant lymphoma Tumor rate 1/50(2.0) Overall rates(a) 2/50(4.0) 3/50(6.0) 3/50(6.0) Adjusted rates(b) 8.33 8.82 8.57 2.94 2/24(8.3) 3/34(8.8) 2/32(6.3) 1/34(2.9) Terminal rates(c) Statistical analysis Peto test Standard method(d) P = ----Prevalence method(d) P = 0.8240Combined analysis(d) P = ----Cochran-Armitage test(e) P = 0.5259Fisher Exact test(e) P = 0.5000P = 0.5000P = 0.5000SITE : liver TUMOR : hepatocellular adenoma Tumor rate 2/50(4.0) 7/50 (14.0) Overall rates(a) 4/50(8.0) 3/50(6.0) 5.88 Adjusted rates(b) 12.50 8.82 18.75 Terminal rates(c) 3/24(12.5) 3/34(8.8) 6/32(18.8) 2/34(5.9) Statistical analysis Peto test Standard method(d) P = -----Prevalence method(d) P = 0.7836Combined analysis (d) P = -----Cochran-Armitage test(e) P = 0.5970Fisher Exact test(e) P = 0.5000P = 0.2623P = 0.3389TUMOR : hepatocellular adenoma, hepatocellular carcinoma Tumor rate 2/50(4.0) Overall rates(a) 4/50(8.0) 3/50(6.0) 8/50(16.0) Adjusted rates(b) 12.50 8.82 21.88 5.88 2/34(5.9) Terminal rates(c) 3/24(12.5) 3/34(8.8) 7/32(21.9) Statistical analysis Peto test Standard method(d) P = ----Prevalence method(d) P = 0.7715Combined analysis(d) P = ----Cochran-Armitage test(e) P = 0.6373Fisher Exact test(e) P = 0.3389P = 0.5000P = 0.1783

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NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

SEX : FEMALE

Group Name Control 5000ppm 10000ppm 20000ррт SITE : pituitary gland TUMOR : adenoma Tumor rate Overall rates(a) 4/50(8.0) 7/50(14.0) 2/49(4.1) 3/50(6.0) Adjusted rates(b) 14.81 17.65 6.25 6.98 3/24(12.5) 6/34(17.6) 2/32(6.3) 2/34(5.9) Terminal rates(c) Statistical analysis Peto test P = ~----Standard method(d) Prevalence method(d) P = 0.8578Combined analysis(d) P = ~----Cochran-Armitage test(e) P = 0.3812P = 0.5000Fisher Exact test(e) P = 0.2623P = 0.3485SITE : pituitary gland TUMOR : adenoma, adenocarcinoma Tumor rate Overall rates(a) 5/50(10.0) 7/50 (14.0) 2/49(4.1) 3/50(6.0) Adjusted rates(b) 15.38 6.25 6.98 17.65 2/34(5.9) Terminal rates(c) 3/24(12.5) 2/32(6.3) 6/34(17.6) Statistical analysis Peto test Standard method(d) P = 0.9624 ? Prevalence method(d) P = 0.8660Combined analysis(d) P = 0.9206Cochran-Armitage test(e) P = 0.2497Fisher Exact test(e) P = 0.2264P = 0.3575P = 0.3798SITE : ovary TUMOR : hemangioma Tumor rate Overall rates(a) 1/50(2.0) 0/50(0.0) 3/50(6.0) 0/50(0.0) Adjusted rates(b) 4.17 4.55 0.0 0.0 0/34(0.0) Terminal rates(c) 1/24(4.2) 1/34(2.9) 0/32(0.0) Statistical analysis Peto test Standard method(d) P = 0.5949Prevalence method(d) P = 0.9128Combined analysis(d) P = 0.9272Cochran-Armitage test(e) P = 0.1719Fisher Exact test(e) P = 0.3087P = 0.5000P = 0.5000

(HPT360A)

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NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

SEX : FEMALE

Group Name	Control	5000ррт	19000ррп	20000թթա	
	SITE : uterus				
	TUMOR : histiocytic sarcoma				
Tumor rate					
Overall rates(a)	13/50 (26. 0)	10/50(20.0)	8/50(16.0)	10/50 (20.0)	
Adjusted rates(b)	12.50	14. 71	9.38	8. 82	
Terminal rates(c)	3/24(12.5)	5/34(14.7)	3/32(9.4)	3/34(8.8)	
Statistical analysis					
Peto test					
Standard method(d)	P = 0.7443				
Prevalence method(d)	P = 0.7412				
Combined analysis(d)	P = 0.8213				
Cochran-Armitage test(e)	P = 0.4959				
Fisher Exact test(e)		P = 0.3176	P = 0.1631	P = 0.3176	
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(a): Number of tumor-bearing animals/number of animals examined at the site.

(b): Kaplan-Meier estimated tumor incidence at the end of the study after adjusting for intercurrent mortality.

(c): Observed tumor incidence at terminal kill.

(d): Beneath the control incidence are the P-values associated with the trend test.

Standard method : Death analysis

Prevalence method: Incidental tumor test

Combined analysis: Death analysis + Incidental tumor test

(e): The Cochran Armitage and Fisher exact test compare directly the overall incidence rates.

?: The conditional probabilities of the largest and smallest possible out comes can not estimated or this P-value is beyond the estimated P-value.

----: There is no data which should be statistical analysis.

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

N.C.: Statistical value cannot be calculated and was not significant.

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

SEX : FEMALE

Group Name	Control	5000րթա	mqq00001	20000թթա	
	SITE : ALL SITE				
Tumor rate	TUMOR : histiocytic sarcoma				
Overall rates (a)	15/50(30.0)	12/50(24.0)	11/50(22.0)	13/50(26.0)	
Adjusted rates(b)	12, 50	15.00	11/30(22.0)	13/30(20. 0)	
Terminal rates(c)	3/24(12.5)	5/34(14.7)	4/32(12.5)	4/34(11.8)	
Statistical analysis	0,21(12.0)	0,01(11.17	1/00(10.0)	1,01(11.0)	
Peto test					
Standard method(d)	P = 0.7035				
Prevalence method(d)	P = 0.6125				
Combined analysis(d)	P = 0.7302				
Cochran-Armitage test(e)	P = 0.7215				
Fisher Exact test(e)		P = 0.3264	P = 0.2472	P = 0.4120	
	SITE : ALL SITE		·		
	TUMOR : malignant lymphoma				
Tumor rate	and a great a jurphous				
Overall rates(a)	17/50(34.0)	22/50 (44. 0)	15/50(30.0)	12/50(24.0)	
Adjusted rates(b)	33. 33	41. 18	32. 35	26. 47	
Terminal rates(c)	8/24(33.3)	14/34(41.2)	10/32(31.3)	9/34(26.5)	
Statistical analysis					
Peto test					
Standard method(d)	P = 0.9891				
Prevalence method(d)	P = 0.7959				
Combined analysis (d)	P = 0.9828				
Cochran-Armitage test(e) Fisher Exact test(e)	P = 0.1150	n 0.0000	0 0 4150	D . 0 1001	
risher exact fest(6)		P = 0.2062	P = 0.4152	P = 0.1891	

(a): Number of tumor-bearing animals/number of animals examined at the site.

(b): Kaplan-Meier estimated tumor incidence at the end of the study after adjusting for intercurrent mortality.

(c): Observed tumor incidence at terminal kill.

(d): Beneath the control incidence are the P-values associated with the trend test.

Standard method : Death analysis

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Prevalence method: Incidental tumor test

Combined analysis: Death analysis + Incidental tumor test

(e): The Cochran-Armitage and Fisher exact test compare directly the overall incidence rates.

?: The conditional probabilities of the largest and smallest possible out comes can not estimated or this P-value is beyond the estimated P-value.

- : There is no data which should be statistical analysis.

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

N.C.: Statistical value cannot be calculated and was not significant.

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BAIS4

APPENDIX Q 1

HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR: MALE

ANIMAL : NOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1

: MALE

Organ	Findings	Group Name No. of Animals on Study	Control 50	5000ppm 50	10000рр m 50	20000ppm 50
					· · · · · · · · · · · · · · · · · · ·	
Integumentar	y system/appandage}					
subcutis	metastasis:liver tumor		<50> 0	<50> 1	<50> 0	<50> 0
Respiratory	system)					
asal cavit	leukemic cell infiltration		<50> 0	(50) 1	<50> 0	<50> 0
	metastasis:epididymis tumor		0	0	2	0
trachea	leukemic cell infiltration		<50> 0	<50> 1	<50> 0	<50> 0
ung	leukemic cell infiltration		<50> 2	<50> 3	<50> 1	<50> 1
	metastasis:liver tumor		3	2	2	1
	metastasis:subcutis tumor		1	0	0	0
	metastasis:spleen tumor		1	0	0	0
	metastasis:stomach tumor		0	1	0	0
(Hematopoieti	c system)					
oone marrow	leukemic cell infiltration		<50> 0	(50) 1	<50> 1	<50> 1
	metastasis:liver tumor		a	3	1	0
	metastasis:epididymis tumor		0	0	ī	0
ymph node	metastasis:liver tumor		<50> 0	<50> 1	<50> 1	<50> 0

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1
SEX : MALE

		Group Name No. of Animals on Study	Control 50	5000ppm 50	10000ppm 50	20000ppm 50
Organ	Findings					
(Hematopoieti	c system)					
ymph node	metastasis:spleen tumor		<50> 1	<50> 0	<50> 0	<50> 0
hymus	leukemic cell infiltration		<50> 0	<50> 1	<50> 0	<50> 0
pleer.	leukemic cell infiltration		<50> 2	<49> 2	<50> 5	<50> 4
	metastasis:retroperitoneum tumor		0	1	0	0
Circulatory	system)					
eart	leukemic cell infiltration		<50> 0	<50> 1	<50> 0	<50> 0
	metastasis:liver tumor		0	0	i	0
)igestive sy	rstem)					
alivary gl	leukemic cell infiltration		<50> 0	<50> 2	<50> 1	<50> 0
	metastasis:liver tumor		0	0	1	0
iver	leukemic cell infiltration		<50> 1	<50> 2	<50> 1	<50> 0
	metastasis:retroperitoneum tumor		1	0	0	0
	metastasis:stomach tumor		0	1	0	0
	metastasis:salivary gland tumor		1	1	0	0

STUDY NO. : 0498
ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR (SUMMARY) ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : MALE

	1	Group Name	Control	5000ррт	10000ppm	20000ppn
)rgan		No. of Animals on Study	50	50	50	50
	1 Indings					
Digestive sy	stem)					
ancreas	leukemic cell infiltration		<50> 1	<50> 0	<50> 1	<50> 0
Urinary syste	em)					
idney	leukemic cell infiltration		<50> I	<50> 2	<50> 2	<50> 0
	metastasis:liver tumor		0	2	0	0
	metastasis:spleen tumor		I	0	0	0
	metastasis:retroperitoneum tumor		1	0	0	0
	metastasis:skin/appendage tumor		1	0	0	0
rin bladd	leukemic cell infiltration		<50> 0	<50> 1	<50> 0	<50> 0
Endocrine sy:	stem)					
ituitary	metastasis:peripheral nerve tumor		<50> 0	<50> 0	<50> 0	<50> 1
Reproductive	system)					
estis	metastasis:epididymis tumor		<50> 0	<50> 0	<50> 1	<50> 0
pididymis	leukemic cell infiltration		<50> 0	<50> 1	<50> 0	<50> 0
rostate	metastasis:urinary bladder tumor		<50> 0	<50> 1	<50> 0	<50> 0
a >	a: Number of animals examined at the si b: Number of animals with lesion	te				

HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR (SUMMARY)

/Crlj[Crj:BDF1] ALL ANIMALS (0-105W)

ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

SEX : MALE

Organ		Group Name No. of Animals on Study	Control 50	5000ppm 50	10000ppm 50	20000ppm 50
{Reproductive	system)					
prep/cli gl	metastasis:epididymis tumor		<50> 0	<50> 0	<50> 1	<50> 0
(Nervous syste	em)					
brain	leukemic cell infiltration		<50> 0	<50> 1	<50> 0	<50> 0
	metastasis:spleen tumor		1	0	0	0
{Body cavities	s)					
mediastinum			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	1	0	0
	metastasis:subcutis tumor		1	0	0	0
(a > b	a : Number of animals examined at the si b : Number of animals with lesion	te				
(JPT150)		· · · · · · · · · · · · · · · · · · ·				

APPENDIX Q 2

HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR: FEMALE

HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR (SUMMARY)

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

ALL ANIMALS (0-105W)

REPORT TYPE : A1
SEX : FEMALE

		Group Name No. of Animals on Study	Control 50	5000ppm 50	10000ppm 50	20000ppm 50
Organ	Findings				- · · · · · · · · · · · · · · · · · · ·	
(T						
(Integumentary	y system/appandage)					
skin/app	leukemic cell infiltration		<50> 0	<50> 1	<50> 0	<50> 0
{Respiratory s	system)					
nasal cavit	leukemic cell infiltration		<50> 2	<50> 0	<50> 0	<50> 0
	metastasis:uterus tumor		1	0	0	0
larynx	leukemic cell infiltration		<50>	<50> 4	<50> 0	<50> 0
trachea	leukemic cell infiltration		<50> 2	<50> 2	<50> 0	<50> 0
lung	leukemic cell infiltration		<50> 12	<50> 11	<50> 3	<50> 6
	metastasis:liver tumor		1	1	0	0
	metastasis:uterus tumor		2	1	4	2
	metastasis:subcutis tumor		0	0	1	0
	metastasis:mammary gland tumor		0	1	0	0
{Hematopoietic	c system)					
bone marrow	leukemic cell infiltration		<50> 8	<50> 3	<50> I	<50> 1
	metastasis:liver tumor		0	1	1	0
< a >	a: Number of animals examined at the b: Number of animals with lesion	ne site				

STUDY NO. : 0498
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX : FEMALE

PAGE: 6

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		Group Name	Control	5000ppm	10003ppm	20000ppm
Organ	Findings	No. of Animals on Study	50	50	50	50
fr						
{Hematopoieti	c system)					
bone marrow	metastasis:uterus tumor		< 50> 1	<50> 1	<50> 3	<50> 2
lymph node	leukemic cell infiltration		< 50> I	<50> 1	<50> 0	<50> 0
	metastasis:liver tumor		0	0	2	0
	metastasis:uterus tumor		4	I	3	1
spleen	metastasis:spleen tumor		1	0	0	1
	leukemic cell infiltration		<50> 10	<50> 18	<50> 7	<50> 7
	metastasis:liver tumor		1	0	1	0
	metastasis:uterus tumor		0	0	1	0
{Circulatory	system)					
heart	leukemic cell infiltration		<50> 0	<50> 1	<50> 0	<50> 0
	metastasis:uterus tumor		0	2	0	0
{Digestive sy	stem)					
tongue	leukemic cell infiltration		<50> 2	<50> 2	<50> 0	<50> 0
salivary gl	leukemic cell infiltration		<50> 5	<50> 8	<50> 4	<50> 3
< a >	a: Number of animals examined at the sib: Number of animals with lesion	te				

HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY)

ALL ANIMALS (0-105W)

STUDY NO. : 0498
ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

Organ	Findings	Group Name No. of Animals on Study	Control 50	5000pm 50	10000ppm 50	20000ppm 50
{Digestive sy	stem)					
salivary gl	metastasis:subcutis tumor		<50>	<50> 0	<50>	<50> 0
sophagus	leukemic cell infiltration		<50> 0	<50> 2	<50> 0	<50> 0
tomach	leukemic cell infiltration		<50> 1	<50> 0	<50> 0	<50> 0
	metastasis:small intestine tumor		0	0	0	i
small intes	leukemic cell infiltration		<50> 0	<50> 2	<50> 0	<50> 0
arge intes	leukemic cell infiltration		<50> 1	<50> 0	<50> 0	<50> 1
iver	leukemic cell infiltration		<50> 10	<50> 14	<50> 6	<50> 6
	metastasis:uterus tumor		7	7	5	6
	metastasis:spleen tumor		1	0	0	1
all bladd	leukemic cell infiltration		<50> 0	<50> 0	<50> 1	<50> 0
ancreas	leukemic cell infiltration		<50> 5	<50> 5	<50> 2	<50> 5
	metastasis:uterus tumor		2	1	i	1
	metastasis:spleen tumor		0	0	0	1
Urinary syst	em)					
idney	leukemic cell infiltration		<50> 8	<50> 9	<50> 6	<50> 4
(a > b	a: Number of animals examined at th b: Number of animals with lesion	e site				

HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY) ALL ANIMALS (0-105W)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1
SEX : FEMALE

Organ		Group Name No. of Animals on Study	Control 50	5000թթ ա 50	10000ppm 50	20000ppm 50
(Urimary syst	em)					
kidney	metastasis:uterus tumor		<50> 2	<50> 3	<50> 1	<50>
ırin bladd	leukemic cell infiltration		<50> 2	<50> 4	<50> 2	<50> 0
Endocrine sy	stem)					
pituitary	leukemic cell infiltration		<50> 2	<50> 0	<50> 0	<50> 0
thyroid	leukemic cell infiltration		<50> 2	<50> 2	<50> 0	<50> 1
parathyroid	leukemic cell infiltration		<50> 0	<50> 1	<50> 0	<50> 0
drenal	leukemic cell infiltration		<50> I	<50> 2	<50> 0	<50> 0
	metastasis:liver tumor		0	1	0	O
Reproductive	system)					
vary	leukemic cell infiltration		<50> 4	<50> 5	<50> 2	<50>
	metastasis:uterus tumor		6	5	2	4
terus	leukemic cell infiltration		<50> 3	<50> 2	<50> 1	<5C>
ngina	leukemic cell infiltration		<50> I	<50> 0	<50> 0	<5C>
a > b	a: Number of animals examined at the si b: Number of animals with lesion	te				
TPT150)						

HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR (SUMMARY)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX : FEMALE

Organ	Findings	Group Name No. of Animals on Study	Control 50	5000ppm 50	10000ррт 50	20000ppm 50
{Reproductive	system)					
nammary gl	leukemic cell infiltration		<50> 2	<50> 1	<50> 0	<50> 0
{Nervous syst	em)					
brain	leukemic cell infiltration		<50> 1	<50> 0	<50> 0	<50> 0
	metastasis:pituitary tumor		1	0	0	0
(Special sens	e organs/appendage}			·		
Harder gl	leukemic cell infiltration		<50> 2	<50> 1	<50> 0	<50> 0
{Musculoskele	tal system)					
nuscle	leukemic cell infiltration		<50> 0	<50> 2	<50> 0	<50> 0
{Body cavitie	s)					
nediastinum	leukemic cell infiltration		<50> 6	<50> 6	<50> 2	<50> 6
	metastasis:liver tumor		1	0	0	0
	metastasis:uterus tumor		0	0	1	0
	metastasis:subcutis tumor		0	0	0	1
eritoneum	leukemic cell infiltration		<50> 3	<50> 2	<50> 1	<50>

ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

Organ	Findings	Group Name No. of Animals on Study	Control 50	5000ppm 50	10000ppm 50	20000ppm 50
Body cavitie	2)					
peritoneum			<50>	<50>	<50>	<50>
	metastasis:uterus tumor		1	0	0	0
	metastasis:subcutis tumor		1	0	0	0
mesenterium			<50>	<50>	<50≻	<50>
	leukemic cell infiltration		0	i	i	0
a > b	a: Number of animals examined at the b: Number of animals with lesion	site				_
JPT150)			<u>.</u>			

APPENDIX R

METHODS, UNITS AND DECIMAL PLACE FOR
HEMATOLOGY AND BIOCHEMISTRY IN THE 2-YEAR
DRINKING WATER STUDY OF 2-PHENOXYETHANOL

METHODS, UNITS AND DECIMAL PLACE FOR HEMATOLOGY AND BIOCHEMISTRY IN THE 2-YEAR DRINKING WATER STUDY OF 2-PHENOXYETHANOL

Item	Method	Unit	Decimal place
Hematology			
Red blood cell (RBC)	Light scattering method ¹⁾	×106/μL	2
Hemoglobin(Hgb)	Cyanmethemoglobin method 1)	g/dL	1
Hematocrit(Hct)	Calculated as RBC×MCV/10 1)	%	1
Mean corpuscular volume(MCV)	Light scattering method 1)	fL	1
Mean corpuscular hemoglobin(MCH)	Calculated as Hgb/RBC×10 10	pg	1
Mean corpuscular hemoglobin concentration	Calculated as Hgb/Hct×100 1)	g/dL	1
(MCHC)			
Platelet	Light scattering method 1)	$ imes 10^3/\mu\mathrm{L}$	0
Reticulocyte	Light scattering method 1)	%	1
White blood cell(WBC)	Light scattering method 1)	$ imes 10^3/\mu\mathrm{L}$	2
Differential WBC	Pattern recognition method ²⁾ (Wright staining)	%	0
Biochemistry			
Total protein(TP)	Biuret method 3)	g/dL	1
Albumin (Alb)	BCG method 3)	g/dL	1
A/G ratio	Calculated as Alb/(TP-Alb) 3)	_	1
T-bilirubin	Alkaline azobilirubin method 3)	mg/dL	2
Glucose	GlcK·G-6-PDH method 3)	mg/dL	0
T-cholesterol	CE·COD·POD method 3)	mg/dL	0
Triglyceride	LPL·GK·GPO·POD method 3)	mg/dL	0
Phospholipid	PLD·ChOD·POD method 3)	mg/dL	0
Aspartate aminotransferase (AST)	JSCC method 3)	IU/L	0
Alanine aminotransferase (ALT)	JSCC method 3)	IU/L	0
Lactate dehydrogenase (LDH)	SFBC method 3)	IU/L	0
Alkaline phosphatase (ALP)	GSCC method 3)	IU/L	0
γ -Glutamyl transpeptidase (γ -GTP)	JSCC method 3)	IU/L	0
Creatine kinase (CK)	JSCC method 3)	IU/L	0
Urea nitrogen	Urease · GLDH method 3)	mg/dL	1
Sodium	Ion selective electrode method 3)	mEq/L	0
Potassium	Ion selective electrode method 3)	mEq/L	1
Chloride	Ion selective electrode method 3)	mEq/L	0
Calcium	OCPC method 3)	mg/dL	1
Inorganic phosphorus	PNP·XOD·POD method 3)	mg/dL	1

¹⁾ Automatic blood cell analyzer (ADVIA120: Bayer Corporation)

²⁾ Automatic blood cell differential analyzer (MICROX HEG-120NA: OMRON Corporation)

³⁾ Automatic analyzer (Hitachi 7080: Hitachi, Ltd.)