

2-メチル-1-プロパ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：0613

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TABLE A 1

SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0613

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

PAGE : 1

Group Name	Animals At start	Administration (Weeks)													
		0	1	2	3	4	5	6	7	8	9	10	11	12	13
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of survival/ Number of effective animals															
Survival rate(%)															

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BAIS4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104
SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 2

Group Name	Animals At start	Administration (Weeks)													
		14	15	16	17	18	19	20	21	22	23	24	25	26	27
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of survival/ Number of effective animals															
Survival rate(%)															

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BAIS4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104
 SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 3

Group Name	Animals At start	Administration (Weeks)													
		28	29	30	31	32	33	34	35	36	37	38	39	40	41
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5000 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
10000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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

(HAN360)

BAIS4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104
 SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 4

Group Name	Animals At start	Administration (Weeks)													
		42	43	44	45	46	47	48	49	50	51	52	53	54	55
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5000 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
10000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	49/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0
20000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of survival/ Number of effective animals Survival rate(%)															

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BAIS4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104
 SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 5

Group Name	Animals At start	Administration (Weeks)													
		56	57	58	59	60	61	62	63	64	65	66	67	68	69
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	49/50	49/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0	98.0
5000 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	48/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0
10000 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
20000 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
Number of survival/ Number of effective animals Survival rate(%)															

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BAIS4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104
SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 6

Group Name	Animals At start	Administration (Weeks)													
		70	71	72	73	74	75	76	77	78	79	80	81	82	83
Control	50	49/50	48/50	48/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	46/50	46/50	46/50	46/50
		98.0	96.0	96.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	92.0	92.0	92.0	92.0
5000 ppm	50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	46/50	46/50	44/50	44/50	44/50	43/50	42/50
		94.0	94.0	94.0	94.0	94.0	94.0	94.0	92.0	92.0	88.0	88.0	88.0	86.0	84.0
10000 ppm	50	49/50	49/50	49/50	48/50	48/50	48/50	48/50	48/50	48/50	47/50	47/50	47/50	46/50	46/50
		98.0	98.0	98.0	96.0	96.0	96.0	96.0	96.0	96.0	94.0	94.0	94.0	92.0	92.0
20000 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	48/50	48/50	48/50	48/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0	96.0
Number of survival/ Number of effective animals Survival rate(%)															

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BAIS4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104
SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 7

Group Name	Animals At start	Administration (Weeks)													
		84	85	86	87	88	89	90	91	92	93	94	95	96	97
Control	50	45/50	44/50	44/50	44/50	43/50	42/50	41/50	40/50	40/50	40/50	40/50	40/50	40/50	40/50
		90.0	88.0	88.0	88.0	86.0	84.0	82.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
5000 ppm	50	42/50	42/50	41/50	41/50	41/50	40/50	40/50	40/50	39/50	39/50	38/50	38/50	37/50	36/50
		84.0	84.0	82.0	82.0	82.0	80.0	80.0	80.0	78.0	78.0	76.0	76.0	74.0	72.0
10000 ppm	50	46/50	45/50	45/50	45/50	44/50	43/50	43/50	43/50	43/50	43/50	41/50	41/50	38/50	37/50
		92.0	90.0	90.0	90.0	88.0	86.0	86.0	86.0	86.0	86.0	82.0	82.0	76.0	74.0
20000 ppm	50	48/50	48/50	48/50	47/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50
		96.0	96.0	96.0	94.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
Number of survival/ Number of effective animals															
Survival rate(%)															

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BAIS4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104
SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 8

Group Name	Animals At start	Administration (Weeks)						
		98	99	100	101	102	103	104
Control	50	38/50	36/50	35/50	35/50	35/50	35/50	35/50
		76.0	72.0	70.0	70.0	70.0	70.0	70.0
5000 ppm	50	36/50	36/50	35/50	35/50	35/50	33/50	33/50
		72.0	72.0	70.0	70.0	70.0	66.0	66.0
10000 ppm	50	36/50	36/50	36/50	36/50	36/50	36/50	36/50
		72.0	72.0	72.0	72.0	72.0	72.0	72.0
20000 ppm	50	45/50	45/50	45/50	43/50	41/50	41/50	41/50
		90.0	90.0	90.0	86.0	82.0	82.0	82.0
Number of survival/ Number of effective animals		Survival rate(%)						

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BAIS4

TABLE A 2

SURVIVAL ANIMAL NUMBERS: FEMALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104
 SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 9

Group Name	Animals At start	Administration (Weeks)													
		0	1	2	3	4	5	6	7	8	9	10	11	12	13
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104
 SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 10

Group Name	Animals At start	Administration (Weeks)													
		14	15	16	17	18	19	20	21	22	23	24	25	26	27
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	49/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 11

Group Name	Animals At start	Administration (Weeks)													
		28	29	30	31	32	33	34	35	36	37	38	39	40	41
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10000 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 REPORT TYPE : A1 104
 SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 12

Group Name	Animals At start	Administration (Weeks)													
		42	43	44	45	46	47	48	49	50	51	52	53	54	55
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500 ppm	50	50/50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	49/50	49/50	48/50	48/50	48/50	47/50
		100.0	100.0	100.0	100.0	100.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0	94.0
5000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	48/50	48/50	48/50	48/50	48/50
		100.0	100.0	100.0	100.0	100.0	100.0	98.0	98.0	98.0	96.0	96.0	96.0	96.0	96.0
10000 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0613

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

PAGE : 13

Group Name	Animals At start	Administration (Weeks)													
		56	57	58	59	60	61	62	63	64	65	66	67	68	69
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	49/50	49/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0	98.0	98.0	98.0	98.0
2500 ppm	50	47/50	47/50	47/50	47/50	47/50	47/50	46/50	46/50	46/50	46/50	45/50	45/50	44/50	41/50
		94.0	94.0	94.0	94.0	94.0	94.0	92.0	92.0	92.0	92.0	90.0	90.0	88.0	82.0
5000 ppm	50	48/50	48/50	48/50	48/50	48/50	48/50	47/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50
		96.0	96.0	96.0	96.0	96.0	96.0	94.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
10000 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	48/50	48/50	48/50	48/50	48/50	48/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0	96.0	96.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 14

Group Name	Animals At start	Administration (Weeks)													
		70	71	72	73	74	75	76	77	78	79	80	81	82	83
Control	50	49/50	48/50	47/50	47/50	47/50	46/50	45/50	45/50	44/50	44/50	44/50	44/50	44/50	44/50
		98.0	96.0	94.0	94.0	94.0	92.0	90.0	90.0	88.0	88.0	88.0	88.0	88.0	88.0
2500 ppm	50	41/50	41/50	41/50	41/50	40/50	40/50	40/50	40/50	39/50	39/50	37/50	37/50	36/50	36/50
		82.0	82.0	82.0	82.0	80.0	80.0	80.0	80.0	78.0	78.0	74.0	74.0	72.0	72.0
5000 ppm	50	46/50	46/50	46/50	45/50	44/50	44/50	44/50	44/50	44/50	42/50	42/50	42/50	41/50	41/50
		92.0	92.0	92.0	90.0	88.0	88.0	88.0	88.0	88.0	84.0	84.0	84.0	82.0	82.0
10000 ppm	50	48/50	48/50	48/50	48/50	48/50	47/50	47/50	46/50	46/50	44/50	44/50	44/50	42/50	42/50
		96.0	96.0	96.0	96.0	96.0	94.0	94.0	92.0	92.0	88.0	88.0	88.0	84.0	84.0
Number of survival/ Number of effective animals															
Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 15

Group Name	Animals At start	Administration (Weeks)													
		84	85	86	87	88	89	90	91	92	93	94	95	96	97
Control	50	42/50	41/50	41/50	41/50	41/50	40/50	40/50	40/50	40/50	39/50	39/50	38/50	38/50	34/50
		84.0	82.0	82.0	82.0	82.0	80.0	80.0	80.0	80.0	78.0	78.0	76.0	76.0	68.0
2500 ppm	50	34/50	34/50	34/50	34/50	34/50	34/50	34/50	34/50	34/50	33/50	33/50	31/50	31/50	30/50
		68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	66.0	66.0	62.0	62.0	60.0
5000 ppm	50	41/50	41/50	40/50	40/50	40/50	40/50	38/50	38/50	37/50	36/50	36/50	36/50	35/50	34/50
		82.0	82.0	80.0	80.0	80.0	80.0	76.0	76.0	74.0	72.0	72.0	72.0	70.0	68.0
10000 ppm	50	42/50	40/50	39/50	37/50	37/50	36/50	36/50	36/50	33/50	33/50	32/50	32/50	32/50	31/50
		84.0	80.0	78.0	74.0	74.0	72.0	72.0	72.0	66.0	66.0	64.0	64.0	64.0	62.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0613

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

PAGE : 16

Group Name	Animals At start	Administration (Weeks)						
		98	99	100	101	102	103	104
Control	50	34/50	34/50	34/50	32/50	32/50	30/50	29/50
		68.0	68.0	68.0	64.0	64.0	60.0	58.0
2500 ppm	50	30/50	30/50	30/50	29/50	28/50	26/50	26/50
		60.0	60.0	60.0	58.0	56.0	52.0	52.0
5000 ppm	50	34/50	34/50	34/50	33/50	32/50	32/50	31/50
		68.0	68.0	68.0	66.0	64.0	64.0	62.0
10000 ppm	50	30/50	28/50	26/50	24/50	24/50	23/50	20/50
		60.0	56.0	52.0	48.0	48.0	46.0	40.0
Number of survival/ Number of effective animals								
Survival rate(%)								

(HAN360)

BATS4

TABLE B 1

CLINICAL OBSERVATION: MALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

PAGE : 1

Clinical sign	Group Name	Administration Week-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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	1	1	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

PAGE : 2

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
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

PAGE : 3

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
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

PAGE : 4

Clinical sign	Group Name	Administration Week-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
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	5000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	20000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	2
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
DEATH	Control	2	2	3	3	3	3	3	3	3	4	4	4	4	5
	5000 ppm	1	1	1	1	1	1	2	2	4	4	4	5	6	6
	10000 ppm	1	1	2	2	2	2	2	2	3	3	3	4	4	4
	20000 ppm	1	1	1	1	1	1	1	1	1	2	2	2	2	2
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	1	1	1	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	1	0	1	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	1	1	1	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
DEATH	Control	6	6	6	6	6	7	8	8	8	8	8	8	8	9
	5000 ppm	6	7	7	7	8	8	8	8	8	9	9	10	11	11
	10000 ppm	5	5	5	6	7	7	7	7	7	9	9	12	13	14
	20000 ppm	2	2	3	5	5	5	5	5	5	5	5	5	5	5
MORIBUND SACRIFICE	Control	0	0	0	1	2	2	2	2	2	2	2	2	2	3
	5000 ppm	2	2	2	2	2	2	2	3	3	3	3	3	3	3
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	1	2	2
	5000 ppm	0	0	0	1	0	1	1	1	1	1	1	1	0	0
	10000 ppm	0	0	0	1	0	0	0	0	1	1	1	2	1	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
DEATH	Control	11	12	12	12	12	12
	5000 ppm	11	12	12	12	14	14
	10000 ppm	14	14	14	14	14	14
	20000 ppm	5	5	7	9	9	9
MORIBUND SACRIFICE	Control	3	3	3	3	3	3
	5000 ppm	3	3	3	3	3	3
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	1	1	1	1
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	1	1
SOILED	Control	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
PILOERECTION	Control	1	0	2	2	2	2
	5000 ppm	0	0	0	1	1	1
	10000 ppm	0	0	0	0	0	1
	20000 ppm	0	0	2	2	2	2
FROG BELLY	Control	1	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	1	1	1

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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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
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	1	1	1	1	2	2	2	2	2	2	2	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
M. HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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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
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	1	1	1	1	1	1	1	1	0	0	0	0
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M. HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	1	1	0	0	0	0	0	0	0
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M. HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day				60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
		57-7	58-7	59-7												
EXOPHTHALMOS	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0		0	0	0	0	0	0	0	1	1	1	1
	5000 ppm	0	0	0		0	0	0	0	0	0	1	1	1	1	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	1		1	1	1	1	1	1	1	1	1	1	1
INTERNAL MASS	Control	0	0	0		0	0	0	0	0	2	2	2	1	1	2
	5000 ppm	0	0	0		0	0	0	0	0	0	0	1	1	1	3
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	1
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. EYE	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. EAR	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	1		1	1	1	1	1	1	1	1	1	1	1
M. HEAD	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	1	1	1	1	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	0	0	0		0	0	0	0	0	0	0	1	1	1	1
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	1	1	1	1	1	1	1	2	2	2	2	1
	5000 ppm	0	0	0	0	1	2	2	2	2	2	3	3	3	2
	10000 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	2
	20000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
INTERNAL MASS	Control	1	1	1	1	1	1	1	2	2	2	2	3	3	3
	5000 ppm	3	3	3	3	3	4	3	3	3	2	3	3	2	3
	10000 ppm	2	2	1	1	1	1	1	2	3	1	1	1	1	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	2	2	3
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	1	1	1	1	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M. HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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	1	1	1	1	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day				88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
		85-7	86-7	87-7												
EXOPHTHALMOS	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	1	1	1	1	0	0	1	1	1
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	1		1	1	1	1	2	2	2	3	4	3	3
	5000 ppm	2	2	2		2	2	2	2	2	2	2	4	4	4	4
	10000 ppm	2	1	1		1	1	1	1	1	1	1	1	1	1	1
	20000 ppm	1	1	0		0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	1	1	1		2	3	6	6	7	7	10	11	11	11	9
	5000 ppm	3	3	3		3	2	2	2	2	2	2	2	2	1	1
	10000 ppm	1	3	4		3	2	2	3	3	4	5	7	6	5	5
	20000 ppm	4	3	3		2	2	2	3	3	4	3	3	3	3	3
M. EYE	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. EAR	Control	0	0	0		0	0	0	0	0	0	0	1	2	1	1
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	0		0	0	0	0	0	0	0	0	0	0	0
M. HEAD	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	1		1	1	1	1	1	1	1	2	2	2	2
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. ANTERIOR. DORSUM	Control	1	1	1		1	1	1	1	1	1	1	1	1	1	1
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	1	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
EXOPHTHALMOS	Control	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	1	1	1	1	1	1
	20000 ppm	0	0	0	0	0	0
EXTERNAL MASS	Control	3	3	3	4	4	4
	5000 ppm	4	4	4	4	3	4
	10000 ppm	1	1	2	2	2	2
	20000 ppm	0	0	0	0	0	0
INTERNAL MASS	Control	7	7	8	8	9	10
	5000 ppm	1	2	2	2	3	3
	10000 ppm	5	5	5	5	8	7
	20000 ppm	3	4	4	5	6	6
M. EYE	Control	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
M. EAR	Control	1	1	1	1	1	1
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
M. HEAD	Control	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0
	5000 ppm	2	2	2	2	1	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
M. ANTERIOR. DORSUM	Control	1	1	1	1	1	1
	5000 ppm	0	0	0	0	0	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day				18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
		15-7	16-7	17-7												
M. POSTERIOR DORSUM	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. TAIL	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day				32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
		29-7	30-7	31-7												
M. POSTERIOR DORSUM	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. TAIL	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	1	1	1	1	1	1	1	1	2	2	2	2	2	2

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	1	1	1	1	1	2	2	2	2
	10000 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. TAIL	Control	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	5000 ppm	2	2	2	2	2	2	2	2	2	2	3	3	3	3
	10000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	1	0	0	1	1	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	2	2	2	3	3	3	4	4	3
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	1	1	1	1	1	1	1	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	5000 ppm	1	1	1	2	2	2	2	2	2	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/CrJ[Crlj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
M. POSTERIOR DORSUM	Control	0	0	0	1	1	1
	5000 ppm	0	0	0	1	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	1	1	1	1
	20000 ppm	0	0	0	0	0	0
M. TAIL	Control	1	1	1	1	1	1
	5000 ppm	3	3	3	3	2	2
	10000 ppm	1	1	1	1	1	1
	20000 ppm	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0
	5000 ppm	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	1	0	1	1
ULCER	Control	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
EROSION	Control	2	2	2	2	2	2
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0
CRUSTA	Control	1	1	1	1	1	1
	5000 ppm	2	2	2	2	2	3
	10000 ppm	0	0	1	1	1	1
	20000 ppm	1	1	1	1	2	1
TORTICOLLIS	Control	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	2	2	2	2	2	2

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	1
	20000 ppm	0	0	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	49	49	50	50	50	50	50	50	50	50	49	49	49	49
	10000 ppm	49	49	49	50	50	50	50	50	50	50	50	50	50	49
	20000 ppm	50	50	49	49	50	50	50	50	50	49	50	50	50	50

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STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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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
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	49	49	49	49	49	49	48	48	48	48	48	48	48	48
	10000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	20000 ppm	50	50	50	50	50	50	50	50	50	49	49	49	49	49

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BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

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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
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	48	48	49	49	49	49	49	49	49	49	49	49	49	49
	10000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	20000 ppm	49	49	48	48	48	48	48	48	48	47	49	49	49	49

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BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	1	1	1	1	1	1	1	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	49	49	49	49	49	49	49	49	49	49	49	49	49	49
	10000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	49	49
	20000 ppm	49	48	48	48	48	47	47	48	48	48	48	48	48	47

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BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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	1	2	1	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	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
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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	48	48	47	47	47	46
	5000 ppm	49	49	49	49	49	49	49	49	49	48	47	47	46	44
	10000 ppm	49	49	49	49	49	49	49	49	49	49	49	49	49	48
	20000 ppm	47	47	47	47	47	47	47	47	46	46	46	46	46	46

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BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	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	1	0	0
	5000 ppm	0	0	0	0	0	0	0	1	0	0	0	1	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	20000 ppm	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	1	0	0
	5000 ppm	0	0	0	0	0	1	1	1	0	0	0	1	0	0
	10000 ppm	1	1	0	1	0	0	1	1	2	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	46	46	45	44	45	45	45	44	44	42	42	40	40	40
	5000 ppm	44	44	44	44	43	41	40	40	39	40	38	37	37	37
	10000 ppm	47	47	47	46	47	47	46	45	44	46	46	44	44	43
	20000 ppm	46	46	46	46	46	46	46	46	46	45	45	43	43	42

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BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-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
IRREGULAR BREATHING	Control	1	0	0	0	0	0	0	0	0	0	0	1	1	1
	5000 ppm	0	0	0	0	1	1	1	1	1	1	1	1	0	0
	10000 ppm	0	0	0	0	0	0	0	0	1	0	0	1	1	0
	20000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	1	0	0	0	0	0	0	1	1	0	0
	10000 ppm	0	0	0	0	0	0	0	1	0	0	0	1	1	0
	20000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	1	0	0	1	0	0	0	1	2	1
	5000 ppm	0	0	0	1	2	2	2	1	1	1	1	2	1	2
	10000 ppm	0	0	0	1	0	0	0	1	2	1	1	1	1	0
	20000 ppm	1	2	1	0	0	0	0	1	1	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	41	42	42	40	37	34	33	30	30	28	27	26	26	26
	5000 ppm	37	35	35	35	33	33	33	33	33	34	32	31	31	30
	10000 ppm	42	41	40	40	40	39	38	37	36	34	33	29	29	29
	20000 ppm	41	42	42	41	41	41	40	39	39	40	40	40	40	40

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STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
IRREGULAR BREATHING	Control	1	0	0	0	0	0
	5000 ppm	1	1	1	2	2	2
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	1	1	2	2
SMALL STOOL	Control	0	0	0	0	0	0
	5000 ppm	1	1	1	3	1	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	0	0	1	1
OLIGO-STOOL	Control	1	0	1	1	1	0
	5000 ppm	2	2	4	4	1	1
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	4	3	3	3
SUBNORMAL TEMP	Control	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
	20000 ppm	0	0	1	0	0	0
NON REMARKABLE	Control	26	25	24	23	22	21
	5000 ppm	30	28	26	27	26	25
	10000 ppm	29	29	27	27	24	25
	20000 ppm	40	39	36	33	31	32

(HAN190)

BAIS 4

TABLE B 2

CLINICAL OBSERVATION: FEMALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

PAGE : 33

Clinical sign	Group Name	Administration Week-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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOSS OF HAIR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

PAGE : 34

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
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	1	1	1	1	1	1	1	1	1	1	0	0
LOSS OF HAIR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	1	1	1	1	1	1	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crj[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

PAGE : 35

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
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOSS OF HAIR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

PAGE : 36

Clinical sign	Group Name	Administration Week-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
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	1	1	1	1	1	2	2	2	3	3
	5000 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	10000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	1	1	1	1	1	1	1	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	1	1	1	1	1	1	1	1	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	1	1	1	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOSS OF HAIR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

PAGE : 37

Clinical sign	Group Name	Administration Week-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
DEATH	Control	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	2500 ppm	3	3	3	3	3	4	4	4	4	5	5	6	9	9
	5000 ppm	1	1	1	1	1	2	3	3	3	3	3	3	3	3
	10000 ppm	1	1	1	1	1	1	1	2	2	2	2	2	2	2
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOSS OF HAIR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-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
DEATH	Control	2	3	3	3	4	5	5	6	6	6	6	6	6	8
	2500 ppm	9	9	9	10	10	10	10	11	11	13	13	14	14	16
	5000 ppm	3	3	4	5	5	5	5	5	7	7	7	8	8	8
	10000 ppm	2	2	2	2	3	3	4	4	6	6	6	8	8	8
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	1	1	1	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	1	0	0	0	1	1	1	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	1	1	1	1	1	0	0	0	0	0	0
LOSS OF HAIR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-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
DEATH	Control	9	9	9	9	10	10	10	10	11	11	12	12	16	16
	2500 ppm	16	16	16	16	16	16	16	16	17	17	19	19	20	20
	5000 ppm	8	9	9	9	9	10	10	11	12	12	12	13	13	13
	10000 ppm	10	11	13	13	13	13	13	16	16	17	17	17	18	19
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	1	1	1	2	2	2	2	2	2	2	3	3
	10000 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	1	1	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	2500 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	1	1	0	0	0	0	0	1	1	0	0	0	0	4
LOSS OF HAIR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
DEATH	Control	16	16	18	18	19	20
	2500 ppm	20	20	21	22	24	24
	5000 ppm	13	13	14	15	15	16
	10000 ppm	21	23	25	25	26	29
MORIBUND SACRIFICE	Control	0	0	0	0	1	1
	2500 ppm	0	0	0	0	0	0
	5000 ppm	3	3	3	3	3	3
	10000 ppm	1	1	1	1	1	1
HUNCHBACK POSITION	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	1
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
PILOERECTION	Control	2	2	1	1	0	0
	2500 ppm	0	2	2	0	1	1
	5000 ppm	0	0	0	0	0	0
	10000 ppm	3	2	1	1	1	0
LOSS OF HAIR	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-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
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CATARACT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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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
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CATARACT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	1	1	1	1	1	1	1	0	0
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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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
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CATARACT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	2500 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-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
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CATARACT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2500 ppm	1	2	2	2	1	1	1	1	1	1	1	1	1	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day				60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
		57-7	58-7	59-7												
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CATARACT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	2500 ppm	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
INTERNAL MASS	Control	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2
	2500 ppm	2	2	2	3	3	3	4	4	4	3	3	2	0	0	0
	5000 ppm	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3
	10000 ppm	0	0	0	0	0	2	2	1	1	1	1	1	1	1	1
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-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
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	10000 ppm	0	0	0	1	1	1	0	0	0	0	1	1	2	2
SOILED PERI-GENITALIA	Control	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	1	1	1	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CATARACT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	0	0	0	2	3	3	3	3	3	3	3	3	3
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	1	2	2	2	2	2	2	2	2	2	2	2	2	2
INTERNAL MASS	Control	2	1	1	2	4	3	3	4	4	4	4	4	5	4
	2500 ppm	0	1	1	2	7	7	7	6	6	4	4	3	3	3
	5000 ppm	3	3	3	2	2	2	2	3	1	1	3	2	3	3
	10000 ppm	1	1	1	1	3	3	4	4	2	2	2	3	3	3
M. EYE	Control	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-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
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	1	1	1	1	1	1	1	1	1	1	1	1	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CATARACT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	2	3	3	3	3	3	3	3	3	3	3	3	2	2
	2500 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	5000 ppm	0	0	0	0	1	1	1	0	0	0	0	0	0	0
	10000 ppm	2	2	1	2	2	2	2	3	4	4	4	4	4	4
INTERNAL MASS	Control	4	4	4	4	3	3	2	3	2	4	3	4	2	2
	2500 ppm	3	4	5	5	5	5	5	6	5	5	5	5	4	4
	5000 ppm	3	2	3	3	3	3	2	3	2	2	4	3	3	3
	10000 ppm	3	2	1	1	2	4	6	5	5	7	7	8	9	9
M. EYE	Control	1	2	2	2	2	2	2	2	2	2	2	2	1	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
FROG BELLY	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	1	0
	10000 ppm	0	1	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	1
CATARACT	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	1	1	2	2	2	2
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	1	0	0	0	0
EXTERNAL MASS	Control	2	2	2	2	1	1
	2500 ppm	2	2	2	1	1	1
	5000 ppm	1	1	0	0	0	1
	10000 ppm	4	4	3	3	2	4
INTERNAL MASS	Control	3	3	2	2	2	3
	2500 ppm	6	7	5	7	7	8
	5000 ppm	3	4	4	7	8	8
	10000 ppm	8	6	5	5	5	4
M. EYE	Control	1	1	1	1	1	1
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	1	1	1	1	1	1

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/CrJ[Crlj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-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
M. EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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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
M. EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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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. EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-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
M. EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-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
M. EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	1	1	1	1	1	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-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
M. EAR	Control	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. FORELIMB	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	1	1	1	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day				88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
		85-7	86-7	87-7												
M. EAR	Control	1	1	1		1	1	1	1	1	1	1	1	1	0	0
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	1	2	2	2	2	2	2
M. FORELIMB	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	1	1	1		1	1	1	1	1	1	1	1	1	1	1
M. BREAST	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	1	1	1	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	1
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	1	1		1	1	1	1	1	1	1	1	1	1	1
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	1	1	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
M. EAR	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	2	2	1	1	0	1
M. FORELIMB	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	1	1	1	1	1	0
M. BREAST	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	1
M. ABDOMEN	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	1
M. ANTERIOR DORSUM	Control	0	0	0	0	0	0
	2500 ppm	1	1	1	0	0	0
	5000 ppm	1	1	0	0	0	0
	10000 ppm	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	1
	10000 ppm	0	0	0	0	0	0
M. HINDLIMB	Control	1	1	1	1	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	1
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-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
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

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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
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	1	1	1	1	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

PAGE : 59

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. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-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
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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	2	2	2	2	2
	2500 ppm	0	0	0	0	0	1	1	1	1	1	1	1	0	0
	5000 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day				60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
		57-7	58-7	59-7												
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day				74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
		71-7	72-7	73-7												
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
IRREGULAR BREATHING	Control	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day				88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
		85-7	86-7	87-7												
M. TAIL	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	1	1	1		1	1	1	1	1	1	1	1	1	1	1
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	1	0		0	0	0	0	0	0	0	0	0	0	0
ULCER	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	1	1	1		0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		1	1	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	1	1	1	1	1	1	1
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0		0	0	0	0	1	0	0	1	1	0	0
	2500 ppm	0	0	0		0	0	0	0	1	1	1	0	0	0	0
	5000 ppm	0	0	0		0	1	0	1	0	0	0	0	0	0	0
	10000 ppm	1	2	0		0	0	0	0	1	1	0	0	0	0	1

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

PAGE : 64

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
M. TAIL	Control	0	0	0	0	0	0
	2500 ppm	1	1	1	1	1	1
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	2	1	1	1	0	0
ANEMIA	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0
	2500 ppm	0	3	2	3	2	3
	5000 ppm	0	2	0	0	0	0
	10000 ppm	2	1	0	1	2	1

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

PAGE : 65

Clinical sign	Group Name	Administration Week-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
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	49	50	50	50	50	50	50	50	50	50	50	50	50	50
	5000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	10000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50

(HAN190)

BATS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

PAGE : 66

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
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	1	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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	49	50	50
	2500 ppm	49	49	49	49	49	49	50	50	50	50	50	50	50	50
	5000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	10000 ppm	50	50	49	49	49	49	49	49	49	49	49	49	49	49

(HAN190)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

PAGE : 67

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
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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	1	1	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	1	1	0	0	0	0	0	0	0
NON REMARKABLE	Control	50	50	50	49	49	49	49	49	49	49	49	48	48	49
	2500 ppm	50	50	50	50	50	49	49	49	49	49	49	49	49	49
	5000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	10000 ppm	49	49	49	49	49	48	48	49	49	49	49	49	49	49

(HAN190)

BATS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

PAGE : 68

Clinical sign	Group Name	Administration Week-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
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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	1	1	0	0
	2500 ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	5000 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	49	49	49	49	49	49	49	49	49	48	48	48	48	47
	2500 ppm	49	48	48	47	47	47	47	46	46	46	46	45	45	45
	5000 ppm	50	50	50	50	50	48	48	48	47	47	47	47	47	47
	10000 ppm	49	49	49	49	49	49	49	49	49	49	49	49	49	49

(HAN190)

BATS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day				60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
		57-7	58-7	59-7												
DEEP BREATHING	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0		0	0	0	0	0	0	0	1	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	1	1	0		0	0	0	0	0	0	0	0	0	1	1
	2500 ppm	0	0	0		0	1	1	0	0	0	0	1	0	0	0
	5000 ppm	1	1	1		1	1	1	0	0	0	0	0	0	0	1
	10000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	47	47	47		47	47	46	46	46	46	46	46	46	45	44
	2500 ppm	44	44	44		43	42	42	42	42	42	42	42	41	41	41
	5000 ppm	47	47	47		47	47	43	42	42	42	42	42	42	42	42
	10000 ppm	49	49	49		49	49	47	47	47	47	47	47	47	47	46

(HAN190)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day				74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
		71-7	72-7	73-7												
DEEP BREATHING	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	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
	2500 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	1		0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0		0	0	0	0	0	0	1	1	0	0	0
OLIGO-STOOL	Control	0	0	0		0	0	1	1	1	1	1	1	1	1	1
	2500 ppm	0	0	0		0	0	1	0	0	1	0	0	0	0	0
	5000 ppm	1	1	1		0	0	0	1	3	1	1	1	1	1	1
	10000 ppm	0	0	1		1	1	1	0	1	1	1	1	0	0	0
NON REMARKABLE	Control	44	44	44		43	39	39	39	37	37	37	36	36	35	34
	2500 ppm	41	40	40		38	33	33	33	33	33	33	32	32	32	31
	5000 ppm	42	42	42		42	42	42	40	40	40	40	38	38	37	37
	10000 ppm	46	45	44		43	40	40	40	39	39	39	39	37	37	37

(HAN190)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

PAGE : 71

Clinical sign	Group Name	Administration Week-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
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	1	0	0	0	1	0	0	1	1	0	1
	2500 ppm	0	0	0	1	1	1	0	1	1	1	0	0	0	0
	5000 ppm	0	0	0	0	0	1	1	0	0	0	1	1	0	0
	10000 ppm	0	1	0	0	0	2	2	0	0	0	1	1	2	3
OLIGO-STOOL	Control	1	1	1	1	1	1	0	1	0	4	2	2	1	2
	2500 ppm	0	3	1	1	1	0	0	0	2	2	1	1	1	1
	5000 ppm	1	1	0	0	1	1	1	0	1	2	3	2	0	0
	10000 ppm	1	2	1	1	0	1	1	1	1	0	2	2	4	5
NON REMARKABLE	Control	34	33	33	34	34	34	35	34	34	30	31	30	29	27
	2500 ppm	30	27	27	27	27	27	28	26	26	26	25	25	24	23
	5000 ppm	37	37	37	36	35	34	35	33	32	31	28	29	30	30
	10000 ppm	35	34	34	33	32	29	27	25	24	22	22	21	19	18

(HAN190)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

PAGE : 72

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
DEEP BREATHING	Control	0	0	0	0	0	0
	2500 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
	10000 ppm	1	1	0	0	0	0
SMALL STOOL	Control	1	1	0	0	0	1
	2500 ppm	0	3	2	1	1	4
	5000 ppm	0	1	0	0	2	1
	10000 ppm	3	1	0	1	1	0
OLIGO-STOOL	Control	2	2	2	1	0	1
	2500 ppm	1	3	4	1	0	0
	5000 ppm	0	1	1	2	2	2
	10000 ppm	4	3	0	1	3	0
NON REMARKABLE	Control	27	27	27	27	27	25
	2500 ppm	22	20	20	19	18	15
	5000 ppm	30	29	28	23	22	21
	10000 ppm	17	17	17	16	15	12

(HAN190)

BAIS 4

TABLE C 1

BODY WEIGHT CHANGES AND
SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

MEAN BODY WEIGHTS AND SURVIVAL

PAGE : 1

Week-Day on Study	Control			5000 ppm			10000 ppm			20000 ppm		
	Av. Wt.	No. of Surviv. <50>		Av. Wt.	% of cont. <50>	No. of Surviv.	Av. Wt.	% of cont. <50>	No. of Surviv.	Av. Wt.	% of cont. <50>	No. of Surviv.
0-0	23.9 (50)	50/50		23.9 (50)	100	50/50	23.9 (50)	100	50/50	23.9 (50)	100	50/50
1-7	24.5 (50)	50/50		24.3 (50)	99	50/50	24.5 (50)	100	50/50	24.4 (50)	100	50/50
2-7	25.4 (50)	50/50		25.2 (50)	99	50/50	25.4 (50)	100	50/50	25.3 (50)	100	50/50
3-7	26.4 (50)	50/50		26.2 (50)	99	50/50	26.4 (50)	100	50/50	26.2 (50)	99	50/50
4-7	27.0 (50)	50/50		26.8 (50)	99	50/50	27.2 (50)	101	50/50	26.9 (50)	100	50/50
5-7	27.4 (50)	50/50		27.7 (50)	101	50/50	27.8 (50)	101	50/50	27.6 (50)	101	50/50
6-7	28.0 (50)	50/50		28.3 (50)	101	50/50	28.4 (50)	101	50/50	28.1 (50)	100	50/50
7-7	28.5 (50)	50/50		28.7 (50)	101	50/50	28.9 (50)	101	50/50	28.4 (50)	100	50/50
8-7	29.0 (50)	50/50		29.3 (50)	101	50/50	29.5 (50)	102	50/50	29.1 (50)	100	50/50
9-7	30.0 (50)	50/50		30.3 (50)	101	50/50	30.6 (50)	102	50/50	30.0 (50)	100	50/50
10-7	30.6 (50)	50/50		31.0 (50)	101	50/50	31.2 (50)	102	50/50	30.5 (50)	100	50/50
11-7	30.9 (50)	50/50		31.4 (50)	102	50/50	31.7 (50)	103	50/50	31.0 (50)	100	50/50
12-7	31.9 (50)	50/50		32.4 (50)	102	50/50	32.5 (50)	102	50/50	31.8 (50)	100	50/50
13-7	32.9 (50)	50/50		33.2 (50)	101	50/50	33.3 (50)	101	50/50	32.5 (50)	99	50/50
14-7	32.9 (50)	50/50		33.6 (50)	102	50/50	33.8 (50)	103	50/50	33.0 (50)	100	50/50
18-7	35.2 (50)	50/50		35.8 (50)	102	50/50	36.0 (50)	102	50/50	34.9 (50)	99	50/50
22-7	37.2 (50)	50/50		37.9 (50)	102	50/50	37.8 (50)	102	50/50	36.6 (50)	98	50/50
26-7	39.2 (50)	50/50		39.6 (50)	101	50/50	39.6 (50)	101	50/50	38.0 (50)	97	50/50
30-7	41.3 (50)	50/50		41.6 (49)	101	49/50	41.5 (50)	100	50/50	39.9 (50)	97	50/50
34-7	42.4 (50)	50/50		42.8 (49)	101	49/50	42.6 (50)	100	50/50	40.9 (50)	96	50/50
38-7	43.9 (50)	50/50		44.2 (49)	101	49/50	43.9 (50)	100	50/50	42.1 (50)	96	50/50
42-7	44.9 (50)	50/50		45.2 (49)	101	49/50	44.7 (50)	100	50/50	43.1 (50)	96	50/50
46-7	46.3 (50)	50/50		46.3 (49)	100	49/50	45.8 (50)	99	50/50	44.2 (50)	95	50/50
50-7	47.5 (50)	50/50		47.6 (49)	100	49/50	47.1 (50)	99	50/50	45.4 (50)	96	50/50
54-7	48.6 (50)	50/50		48.5 (49)	100	49/50	48.1 (50)	99	50/50	46.4 (50)	95	50/50
58-7	49.2 (50)	50/50		49.1 (49)	100	49/50	48.6 (49)	99	49/50	47.1 (49)	96	49/50
62-7	49.6 (50)	50/50		49.1 (49)	99	49/50	48.9 (49)	99	49/50	47.5 (49)	96	49/50
66-7	49.3 (50)	50/50		49.3 (49)	100	49/50	49.4 (49)	100	49/50	47.9 (49)	97	49/50
70-7	49.9 (49)	49/50		50.2 (47)	101	47/50	49.8 (49)	100	49/50	48.4 (49)	97	49/50
74-7	50.6 (47)	47/50		50.4 (47)	100	47/50	50.0 (48)	99	48/50	48.6 (49)	96	49/50
78-7	50.2 (47)	47/50		49.4 (46)	98	46/50	49.3 (48)	98	48/50	47.9 (49)	95	49/50
82-7	50.5 (46)	46/50		50.1 (43)	99	43/50	49.6 (46)	98	46/50	48.4 (48)	96	48/50
86-7	51.1 (44)	44/50		49.9 (41)	98	41/50	49.8 (45)	97	45/50	48.1 (48)	94	48/50
90-7	49.6 (41)	41/50		49.4 (40)	100	40/50	50.1 (43)	101	43/50	49.5 (45)	100	45/50
94-7	48.0 (40)	40/50		49.1 (38)	102	38/50	49.0 (41)	102	41/50	48.9 (45)	102	45/50
98-7	47.8 (38)	38/50		49.1 (36)	103	36/50	49.6 (36)	104	36/50	48.6 (45)	102	45/50
102-7	46.2 (35)	35/50		47.5 (35)	103	35/50	48.2 (36)	104	36/50	47.5 (41)	103	41/50
104-7	45.5 (35)	35/50		47.8 (33)	105	33/50	47.5 (36)	104	36/50	46.8 (41)	103	41/50

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

TABLE C 2

BODY WEIGHT CHANGES AND
SURVIVAL ANIMAL NUMBERS: FEMALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

PAGE : 2

Week-Day on Study	Control		2500 ppm		No. of Surviv.	5000 ppm		No. of Surviv.	10000 ppm		No. of Surviv.
	Av. Wt.	No. of Surviv. <50>	Av. Wt.	% of cont. <50>		Av. Wt.	% of cont. <50>		Av. Wt.	% of cont. <50>	
0-0	19.5 (50)	50/50	19.5 (50)	100	50/50	19.5 (50)	100	50/50	19.5 (50)	100	50/50
1-7	19.8 (50)	50/50	19.5 (50)	98	50/50	19.8 (50)	100	50/50	19.7 (50)	99	50/50
2-7	20.4 (50)	50/50	20.3 (50)	100	50/50	20.3 (50)	100	50/50	20.4 (50)	100	50/50
3-7	21.0 (50)	50/50	21.0 (50)	100	50/50	21.0 (50)	100	50/50	21.1 (50)	100	50/50
4-7	21.5 (50)	50/50	21.5 (50)	100	50/50	21.4 (50)	100	50/50	21.6 (50)	100	50/50
5-7	22.1 (50)	50/50	22.0 (50)	100	50/50	22.0 (50)	100	50/50	22.0 (50)	100	50/50
6-7	22.4 (50)	50/50	22.4 (50)	100	50/50	22.3 (50)	100	50/50	22.4 (50)	100	50/50
7-7	22.8 (50)	50/50	22.8 (50)	100	50/50	22.8 (50)	100	50/50	22.7 (50)	100	50/50
8-7	23.2 (50)	50/50	23.5 (50)	101	50/50	23.1 (50)	100	50/50	23.3 (50)	100	50/50
9-7	23.6 (50)	50/50	23.8 (50)	101	50/50	23.4 (50)	99	50/50	23.7 (50)	100	50/50
10-7	24.2 (50)	50/50	24.0 (50)	99	50/50	23.9 (50)	99	50/50	23.9 (50)	99	50/50
11-7	24.0 (50)	50/50	24.2 (50)	101	50/50	23.8 (50)	99	50/50	23.9 (50)	100	50/50
12-7	24.6 (50)	50/50	24.3 (50)	99	50/50	24.2 (50)	98	50/50	24.3 (50)	99	50/50
13-7	24.8 (50)	50/50	24.8 (50)	100	50/50	24.3 (50)	98	50/50	24.5 (50)	99	50/50
14-7	25.0 (50)	50/50	25.1 (50)	100	50/50	24.8 (50)	99	50/50	24.6 (50)	98	50/50
18-7	26.0 (50)	50/50	26.3 (50)	101	50/50	25.6 (50)	98	50/50	26.1 (50)	100	50/50
22-7	27.0 (50)	50/50	27.3 (50)	101	50/50	26.6 (50)	99	50/50	26.8 (50)	99	50/50
26-7	27.6 (50)	50/50	27.9 (50)	101	50/50	27.3 (50)	99	50/50	27.9 (50)	101	50/50
30-7	29.0 (50)	50/50	28.9 (50)	100	50/50	28.0 (50)	97	50/50	28.7 (49)	99	49/50
34-7	29.5 (50)	50/50	29.5 (50)	100	50/50	28.8 (50)	98	50/50	29.1 (49)	99	49/50
38-7	30.8 (50)	50/50	30.6 (50)	99	50/50	30.2 (50)	98	50/50	30.1 (49)	98	49/50
42-7	31.1 (50)	50/50	31.0 (50)	100	50/50	30.1 (50)	97	50/50	30.3 (49)	97	49/50
46-7	32.2 (50)	50/50	31.8 (50)	99	50/50	31.2 (50)	97	50/50	31.3 (49)	97	49/50
50-7	33.2 (50)	50/50	32.7 (49)	98	49/50	32.1 (49)	97	49/50	32.3 (49)	97	49/50
54-7	33.9 (50)	50/50	33.3 (48)	98	48/50	32.6 (48)	96	48/50	33.0 (49)	97	49/50
58-7	34.3 (50)	50/50	34.4 (47)	100	47/50	32.7 (48)	95	48/50	33.2 (49)	97	49/50
62-7	34.8 (50)	50/50	34.6 (46)	99	46/50	32.7 (47)	94	47/50	33.3 (49)	96	49/50
66-7	35.5 (49)	49/50	34.7 (45)	98	45/50	33.3 (46)	94	46/50	33.7 (48)	95	48/50
70-7	35.7 (49)	49/50	34.9 (41)	98	41/50	33.5 (46)	94	46/50	34.2 (48)	96	48/50
74-7	35.9 (47)	47/50	34.7 (40)	97	40/50	34.0 (44)	95	44/50	33.7 (48)	94	48/50
78-7	35.4 (44)	44/50	34.7 (39)	98	39/50	33.9 (44)	96	44/50	33.4 (46)	94	46/50
82-7	36.2 (44)	44/50	35.4 (36)	98	36/50	34.1 (41)	94	41/50	34.3 (42)	95	42/50
86-7	36.9 (41)	41/50	35.5 (34)	96	34/50	34.1 (40)	92	40/50	34.5 (39)	93	39/50
90-7	36.8 (40)	40/50	35.9 (34)	98	34/50	34.5 (38)	94	38/50	33.7 (36)	92	36/50
94-7	36.3 (39)	39/50	35.3 (33)	97	33/50	34.3 (36)	94	36/50	33.6 (32)	93	32/50
98-7	36.2 (34)	34/50	35.9 (30)	99	30/50	34.5 (34)	95	34/50	33.2 (30)	92	30/50
102-7	35.8 (32)	32/50	34.8 (28)	97	28/50	34.5 (32)	96	32/50	33.8 (24)	94	24/50
104-7	35.6 (29)	29/50	33.4 (26)	94	26/50	34.2 (31)	96	31/50	31.4 (20)	88	20/50

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

Av. Wt. : g

TABLE C 3

BODY WEIGHT CHANGES: MALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 1

Group Name	Administration week-day						
	0-0	1-7	2-7	3-7	4-7	5-7	6-7
Control	23.9± 0.9	24.5± 0.9	25.4± 1.0	26.4± 1.1	27.0± 1.2	27.4± 1.3	28.0± 1.4
5000 ppm	23.9± 0.9	24.3± 1.6	25.2± 1.4	26.2± 1.1	26.8± 1.2	27.7± 1.4	28.3± 1.3
10000 ppm	23.9± 0.9	24.5± 1.0	25.4± 1.2	26.4± 1.2	27.2± 1.2	27.8± 1.3	28.4± 1.5
20000 ppm	23.9± 0.9	24.4± 0.8	25.3± 0.8	26.2± 0.9	26.9± 1.1	27.6± 1.2	28.1± 1.4

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 2

Group Name	Administration week-day						
	7-7	8-7	9-7	10-7	11-7	12-7	13-7
Control	28.5± 1.5	29.0± 1.6	30.0± 1.9	30.6± 2.0	30.9± 2.1	31.9± 2.2	32.9± 2.3
5000 ppm	28.7± 1.6	29.3± 1.6	30.3± 1.9	31.0± 2.0	31.4± 2.2	32.4± 2.2	33.2± 2.3
10000 ppm	28.9± 1.5	29.5± 1.8	30.6± 2.0	31.2± 2.1	31.7± 2.2	32.5± 2.4	33.3± 2.6
20000 ppm	28.4± 1.5	29.1± 1.5	30.0± 1.8	30.5± 2.3	31.0± 2.1	31.8± 2.3	32.5± 2.3

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 3

Group Name	Administration		week-day											
	14-7		18-7		22-7		26-7		30-7		34-7		38-7	
Control	32.9±	2.4	35.2±	2.9	37.2±	3.2	39.2±	3.9	41.3±	4.2	42.4±	4.5	43.9±	4.7
5000 ppm	33.6±	2.4	35.8±	2.8	37.9±	3.1	39.6±	3.5	41.6±	3.7	42.8±	3.7	44.2±	4.1
10000 ppm	33.8±	2.7	36.0±	3.0	37.8±	3.3	39.6±	3.7	41.5±	4.0	42.6±	4.2	43.9±	4.3
20000 ppm	33.0±	2.4	34.9±	2.7	36.6±	3.2	38.0±	3.5	39.9±	3.9	40.9±	4.1	42.1±	4.3

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : AT 104
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 4

Group Name	Administration week-day						
	42-7	46-7	50-7	54-7	58-7	62-7	66-7
Control	44.9± 4.7	46.3± 4.7	47.5± 4.6	48.6± 4.5	49.2± 4.4	49.6± 4.3	49.3± 4.6
5000 ppm	45.2± 4.0	46.3± 3.8	47.6± 3.8	48.5± 3.7	49.1± 3.7	49.1± 3.9	49.3± 4.9
10000 ppm	44.7± 4.5	45.8± 4.5	47.1± 4.6	48.1± 4.5	48.6± 3.9	48.9± 4.1	49.4± 4.2
20000 ppm	43.1± 4.2	44.2± 4.3*	45.4± 4.5	46.4± 4.6*	47.1± 4.4*	47.5± 4.5	47.9± 4.4

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

Test of Dunnett

(HAN260)

BATS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 5

Group Name	Administration week-day						
	70-7	74-7	78-7	82-7	86-7	90-7	94-7
Control	49.9± 5.7	50.6± 5.2	50.2± 6.1	50.5± 5.9	51.1± 6.0	49.6± 6.6	48.0± 7.6
5000 ppm	50.2± 4.6	50.4± 4.9	49.4± 6.2	50.1± 6.0	49.9± 5.4	49.4± 6.9	49.1± 5.9
10000 ppm	49.8± 4.4	50.0± 4.8	49.3± 5.1	49.6± 5.1	49.8± 5.5	50.1± 6.0	49.0± 5.6
20000 ppm	48.4± 4.5	48.6± 5.1	47.9± 5.2	48.4± 5.6	48.1± 6.9	49.5± 6.1	48.9± 6.4

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 6

Group Name	Administration week-day		
	98-7	102-7	104-7
Control	47.8± 7.5	46.2± 7.3	45.5± 7.6
5000 ppm	49.1± 6.0	47.5± 7.6	47.8± 7.3
10000 ppm	49.6± 5.3	48.2± 5.3	47.5± 5.1
20000 ppm	48.6± 6.7	47.5± 7.1	46.8± 7.7

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

(HAN260)

BAIS 4

TABLE C 4

BODY WEIGHT CHANGES: FEMALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 7

Group Name	Administration week-day						
	0-0	1-7	2-7	3-7	4-7	5-7	6-7
Control	19.5± 0.9	19.8± 1.0	20.4± 0.9	21.0± 1.1	21.5± 1.1	22.1± 1.1	22.4± 1.0
2500 ppm	19.5± 0.9	19.5± 1.2	20.3± 1.0	21.0± 1.0	21.5± 1.1	22.0± 1.0	22.4± 1.1
5000 ppm	19.5± 0.9	19.8± 0.9	20.3± 0.8	21.0± 0.9	21.4± 0.9	22.0± 1.1	22.3± 1.2
10000 ppm	19.5± 0.9	19.7± 0.9	20.4± 1.0	21.1± 1.0	21.6± 1.1	22.0± 1.1	22.4± 1.1

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 8

Group Name	Administration week-day						
	7-7	8-7	9-7	10-7	11-7	12-7	13-7
Control	22.8± 1.1	23.2± 1.2	23.6± 1.2	24.2± 1.6	24.0± 1.2	24.6± 1.4	24.8± 1.5
2500 ppm	22.8± 1.2	23.5± 1.1	23.8± 1.3	24.0± 1.4	24.2± 1.6	24.3± 1.4	24.8± 1.6
5000 ppm	22.8± 1.1	23.1± 1.3	23.4± 1.4	23.9± 1.5	23.8± 1.5	24.2± 1.6	24.3± 1.7
10000 ppm	22.7± 1.2	23.3± 1.2	23.7± 1.3	23.9± 1.3	23.9± 1.5	24.3± 1.5	24.5± 1.6

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 9

Group Name	Administration week-day						
	14-7	18-7	22-7	26-7	30-7	34-7	38-7
Control	25.0± 1.4	26.0± 1.6	27.0± 1.7	27.6± 2.0	29.0± 2.5	29.5± 2.9	30.8± 2.9
2500 ppm	25.1± 1.5	26.3± 1.7	27.3± 2.3	27.9± 2.6	28.9± 3.0	29.5± 2.8	30.6± 3.3
5000 ppm	24.8± 1.7	25.6± 1.8	26.6± 1.9	27.3± 2.2	28.0± 2.8	28.8± 2.6	30.2± 3.3
10000 ppm	24.6± 1.6	26.1± 2.3	26.8± 2.1	27.9± 2.4	28.7± 2.6	29.1± 3.0	30.1± 3.4

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

Test of Dunnett

(HAN260)

BATS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 10

Group Name	Administration week-day						
	42-7	46-7	50-7	54-7	58-7	62-7	66-7
Control	31.1± 2.9	32.2± 3.3	33.2± 3.5	33.9± 4.4	34.3± 4.6	34.8± 4.3	35.5± 4.1
2500 ppm	31.0± 3.3	31.8± 3.9	32.7± 3.9	33.3± 4.5	34.4± 4.5	34.6± 4.4	34.7± 4.3
5000 ppm	30.1± 3.5	31.2± 4.0	32.1± 4.3	32.6± 4.6	32.7± 4.8	32.7± 4.8	33.3± 4.8
10000 ppm	30.3± 3.6	31.3± 3.9	32.3± 4.2	33.0± 4.0	33.2± 4.6	33.3± 4.5	33.7± 4.4

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 11

Group Name	Administration		week-day											
	70-7		74-7		78-7		82-7		86-7		90-7	94-7		
Control	35.7±	4.7	35.9±	4.9	35.4±	4.5	36.2±	4.7	36.9±	5.2	36.8±	5.1	36.3±	6.1
2500 ppm	34.9±	4.0	34.7±	4.0	34.7±	4.1	35.4±	4.5	35.5±	4.6	35.9±	5.0	35.3±	4.6
5000 ppm	33.5±	4.9	34.0±	4.3	33.9±	4.3	34.1±	4.5	34.1±	4.5*	34.5±	4.7	34.3±	4.7
10000 ppm	34.2±	4.2	33.7±	4.7	33.4±	4.4	34.3±	4.4	34.5±	4.2	33.7±	4.1*	33.6±	3.8

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 12

Group Name	Administration week-day		
	98-7	102-7	104-7
Control	36.2± 5.8	35.8± 6.1	35.6± 6.3
2500 ppm	35.9± 4.8	34.8± 3.8	33.4± 4.0
5000 ppm	34.5± 4.6	34.5± 4.9	34.2± 5.0
10000 ppm	33.2± 4.9	33.8± 6.3	31.4± 3.8**

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

(HAN260)

BATS 4

TABLE D 1

FOOD CONSUMPTION CHANGES AND
SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

PAGE : 1

Week-Day on Study	Control		5000 ppm		10000 ppm		20000 ppm		No. of Surviv.
	Av. FC.	No. of Surviv. <50>	Av. FC.	% of cont. <50>	Av. FC.	% of cont. <50>	Av. FC.	% of cont. <50>	
1-7	3.8 (50)	50/50	3.8 (49)	100	50/50	3.8 (50)	100	50/50	50/50
2-7	3.8 (50)	50/50	3.7 (50)	97	50/50	3.7 (50)	97	50/50	50/50
3-7	3.8 (50)	50/50	3.7 (50)	97	50/50	3.7 (50)	97	50/50	50/50
4-7	3.9 (50)	50/50	3.8 (50)	97	50/50	3.8 (50)	97	50/50	50/50
5-7	3.9 (50)	50/50	3.9 (50)	100	50/50	3.8 (50)	97	50/50	50/50
6-7	3.9 (50)	50/50	3.8 (50)	97	50/50	3.8 (50)	97	50/50	50/50
7-7	4.0 (50)	50/50	3.9 (50)	98	50/50	3.9 (50)	98	50/50	50/50
8-7	4.1 (50)	50/50	4.0 (50)	98	50/50	4.0 (50)	98	50/50	50/50
9-7	4.2 (50)	50/50	4.2 (50)	100	50/50	4.1 (50)	98	50/50	50/50
10-7	4.2 (50)	50/50	4.1 (50)	98	50/50	4.1 (50)	98	50/50	50/50
11-7	4.2 (50)	50/50	4.1 (50)	98	50/50	4.1 (50)	98	50/50	50/50
12-7	4.2 (50)	50/50	4.0 (50)	95	50/50	4.0 (50)	95	50/50	50/50
13-7	4.3 (50)	50/50	4.1 (50)	95	50/50	4.1 (50)	95	50/50	50/50
14-7	3.9 (50)	50/50	3.9 (50)	100	50/50	3.9 (50)	100	50/50	50/50
18-7	4.1 (50)	50/50	4.0 (50)	98	50/50	3.9 (50)	95	50/50	50/50
22-7	4.2 (50)	50/50	4.1 (50)	98	50/50	4.0 (49)	95	50/50	50/50
26-7	4.4 (50)	50/50	4.2 (50)	95	50/50	4.2 (50)	95	50/50	50/50
30-7	4.3 (50)	50/50	4.2 (49)	98	49/50	4.1 (50)	95	50/50	50/50
34-7	4.3 (50)	50/50	4.2 (49)	98	49/50	4.2 (50)	98	50/50	50/50
38-7	4.4 (50)	50/50	4.3 (49)	98	49/50	4.2 (50)	95	50/50	50/50
42-7	4.5 (50)	50/50	4.4 (49)	98	49/50	4.3 (50)	96	50/50	50/50
46-7	4.4 (50)	50/50	4.3 (49)	98	49/50	4.2 (50)	95	50/50	50/50
50-7	4.4 (50)	50/50	4.3 (49)	98	49/50	4.2 (50)	95	50/50	50/50
54-7	4.4 (50)	50/50	4.2 (49)	95	49/50	4.1 (50)	93	50/50	50/50
58-7	4.4 (50)	50/50	4.2 (49)	95	49/50	4.1 (49)	93	49/50	49/50
62-7	4.7 (50)	50/50	4.5 (49)	96	49/50	4.3 (49)	91	49/50	49/50
66-7	4.6 (50)	50/50	4.6 (49)	100	49/50	4.5 (49)	98	49/50	49/50
70-7	4.8 (49)	49/50	4.8 (47)	100	47/50	4.6 (49)	96	49/50	49/50
74-7	5.0 (47)	47/50	4.8 (47)	96	47/50	4.7 (48)	94	48/50	49/50
78-7	4.9 (47)	47/50	4.7 (46)	96	46/50	4.6 (48)	94	48/50	49/50
82-7	4.9 (46)	46/50	4.9 (43)	100	43/50	4.8 (46)	98	46/50	48/50
86-7	5.1 (44)	44/50	4.9 (41)	96	41/50	4.9 (45)	96	45/50	48/50
90-7	4.8 (41)	41/50	4.8 (40)	100	40/50	4.8 (43)	100	43/50	45/50
94-7	4.8 (40)	40/50	4.8 (38)	100	38/50	4.7 (41)	98	41/50	45/50
98-7	5.2 (38)	38/50	5.0 (36)	96	36/50	4.9 (36)	94	36/50	45/50
102-7	5.0 (35)	35/50	4.8 (35)	96	35/50	4.6 (36)	92	36/50	41/50
104-7	4.9 (35)	35/50	4.8 (33)	98	33/50	4.6 (36)	94	36/50	41/50

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

TABLE D 2

FOOD CONSUMPTION CHANGES AND
SURVIVAL ANIMAL NUMBERS: FEMALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

PAGE : 2

Week-Day on Study	Control			2500 ppm			5000 ppm			10000 ppm		
	Av. FC.	No. of Surviv. <50>		Av. FC.	% of cont. <50>	No. of Surviv.	Av. FC.	% of cont. <50>	No. of Surviv.	Av. FC.	% of cont. <50>	No. of Surviv.
1-7	3.4 (50)	50/50		3.3 (50)	97	50/50	3.4 (50)	100	50/50	3.4 (50)	100	50/50
2-7	3.4 (50)	50/50		3.3 (50)	97	50/50	3.3 (50)	97	50/50	3.3 (50)	97	50/50
3-7	3.5 (50)	50/50		3.4 (50)	97	50/50	3.3 (50)	94	50/50	3.4 (50)	97	50/50
4-7	3.4 (50)	50/50		3.4 (50)	100	50/50	3.3 (50)	97	50/50	3.3 (50)	97	50/50
5-7	3.5 (50)	50/50		3.5 (50)	100	50/50	3.5 (50)	100	50/50	3.4 (50)	97	50/50
6-7	3.6 (50)	50/50		3.5 (50)	97	50/50	3.4 (50)	94	50/50	3.4 (50)	94	50/50
7-7	3.7 (50)	50/50		3.7 (50)	100	50/50	3.6 (50)	97	50/50	3.5 (50)	95	50/50
8-7	3.8 (50)	50/50		3.8 (50)	100	50/50	3.7 (50)	97	50/50	3.8 (50)	100	50/50
9-7	3.8 (50)	50/50		3.8 (50)	100	50/50	3.7 (50)	97	50/50	3.8 (50)	100	50/50
10-7	3.9 (50)	50/50		3.8 (50)	97	50/50	3.7 (50)	95	50/50	3.7 (50)	95	50/50
11-7	3.8 (50)	50/50		3.8 (50)	100	50/50	3.7 (50)	97	50/50	3.8 (50)	100	50/50
12-7	3.8 (50)	50/50		3.7 (50)	97	50/50	3.7 (50)	97	50/50	3.7 (50)	97	50/50
13-7	3.8 (50)	50/50		3.8 (50)	100	50/50	3.7 (50)	97	50/50	3.7 (50)	97	50/50
14-7	3.6 (50)	50/50		3.7 (50)	103	50/50	3.6 (50)	100	50/50	3.5 (49)	97	50/50
18-7	3.6 (50)	50/50		3.7 (50)	103	50/50	3.5 (50)	97	50/50	3.6 (50)	100	50/50
22-7	3.8 (50)	50/50		3.8 (50)	100	50/50	3.7 (50)	97	50/50	3.7 (50)	97	50/50
26-7	3.9 (50)	50/50		4.0 (50)	103	50/50	3.9 (50)	100	50/50	4.0 (50)	103	50/50
30-7	3.8 (50)	50/50		3.8 (50)	100	50/50	3.7 (50)	97	50/50	3.9 (49)	103	49/50
34-7	3.8 (50)	50/50		3.8 (50)	100	50/50	3.7 (50)	97	50/50	3.8 (49)	100	49/50
38-7	4.0 (50)	50/50		3.9 (50)	98	50/50	3.9 (50)	98	50/50	3.8 (49)	95	49/50
42-7	4.1 (50)	50/50		4.0 (50)	98	50/50	3.9 (50)	95	50/50	3.8 (49)	93	49/50
46-7	3.9 (50)	50/50		3.9 (50)	100	50/50	3.9 (50)	100	50/50	3.8 (49)	97	49/50
50-7	4.1 (50)	50/50		3.9 (49)	95	49/50	3.9 (49)	95	49/50	3.9 (49)	95	49/50
54-7	4.0 (50)	50/50		3.8 (48)	95	48/50	3.8 (48)	95	48/50	3.9 (49)	98	49/50
58-7	3.8 (50)	50/50		3.9 (47)	103	47/50	3.6 (48)	95	48/50	3.7 (49)	97	49/50
62-7	4.1 (50)	50/50		4.0 (46)	98	46/50	3.8 (47)	93	47/50	3.9 (49)	95	49/50
66-7	4.2 (49)	49/50		4.0 (45)	95	45/50	4.0 (46)	95	46/50	3.9 (48)	93	48/50
70-7	4.1 (49)	49/50		4.1 (41)	100	41/50	4.0 (46)	98	46/50	4.0 (48)	98	48/50
74-7	4.0 (47)	47/50		4.1 (40)	103	40/50	3.9 (44)	98	44/50	3.7 (48)	93	48/50
78-7	4.0 (44)	44/50		4.0 (39)	100	39/50	3.8 (44)	95	44/50	3.8 (46)	95	46/50
82-7	4.1 (44)	44/50		4.3 (36)	105	36/50	4.1 (41)	100	41/50	4.0 (42)	98	42/50
86-7	4.4 (41)	41/50		4.2 (34)	95	34/50	4.3 (40)	98	40/50	4.1 (39)	93	39/50
90-7	4.5 (40)	40/50		4.2 (34)	93	34/50	4.1 (38)	91	38/50	4.0 (36)	89	36/50
94-7	4.3 (39)	39/50		4.4 (33)	102	33/50	4.3 (36)	100	36/50	3.8 (32)	88	32/50
98-7	4.6 (34)	34/50		4.4 (30)	96	30/50	4.4 (34)	96	34/50	3.9 (30)	85	30/50
102-7	4.2 (32)	32/50		4.2 (28)	100	28/50	4.2 (32)	100	32/50	4.0 (24)	95	24/50
104-7	4.3 (29)	29/50		4.2 (26)	98	26/50	4.2 (31)	98	31/50	3.9 (20)	91	20/50

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

TABLE D 3

FOOD CONSUMPTION CHANGES: MALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 1

Group Name	Administration week-day(effective)						
	1-7(7)	2-7(7)	3-7(7)	4-7(7)	5-7(7)	6-7(7)	7-7(7)
Control	3.8± 0.3	3.8± 0.3	3.8± 0.3	3.9± 0.2	3.9± 0.3	3.9± 0.3	4.0± 0.3
5000 ppm	3.8± 0.4	3.7± 0.3	3.7± 0.3	3.8± 0.3	3.9± 0.3	3.8± 0.2	3.9± 0.3
10000 ppm	3.8± 0.3	3.7± 0.2	3.7± 0.2	3.8± 0.2*	3.8± 0.3	3.8± 0.2	3.9± 0.3**
20000 ppm	3.6± 0.2**	3.7± 0.2**	3.7± 0.2**	3.8± 0.2*	3.7± 0.2*	3.8± 0.4**	3.8± 0.2**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 2

Group Name	Administration 8-7(7)	week-day(effective) 9-7(7)	10-7(7)	11-7(7)	12-7(7)	13-7(7)	14-7(7)
Control	4.1± 0.3	4.2± 0.3	4.2± 0.3	4.2± 0.3	4.2± 0.3	4.3± 0.3	3.9± 0.3
5000 ppm	4.0± 0.2	4.2± 0.3	4.1± 0.3	4.1± 0.2	4.0± 0.2	4.1± 0.3*	3.9± 0.3
10000 ppm	4.0± 0.2**	4.1± 0.3	4.1± 0.2*	4.1± 0.3	4.0± 0.3*	4.1± 0.3**	3.9± 0.3
20000 ppm	4.0± 0.3*	4.1± 0.3*	4.0± 0.3**	4.0± 0.3**	4.0± 0.3**	4.0± 0.2**	3.9± 0.2

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 3

Group Name	Administration week-day(effective)						
	18-7(7)	22-7(7)	26-7(7)	30-7(7)	34-7(7)	38-7(7)	42-7(7)
Control	4.1± 0.3	4.2± 0.2	4.4± 0.3	4.3± 0.3	4.3± 0.3	4.4± 0.3	4.5± 0.3
5000 ppm	4.0± 0.2*	4.1± 0.3	4.2± 0.3*	4.2± 0.3	4.2± 0.3	4.3± 0.3*	4.4± 0.3
10000 ppm	3.9± 0.3**	4.0± 0.3**	4.2± 0.3*	4.1± 0.3**	4.2± 0.3	4.2± 0.3**	4.3± 0.3**
20000 ppm	3.9± 0.3**	4.0± 0.3**	4.1± 0.3**	4.2± 0.3	4.1± 0.3*	4.2± 0.3**	4.3± 0.3**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 4

Group Name	Administration week-day(effective)						
	46-7(7)	50-7(7)	54-7(7)	58-7(7)	62-7(7)	66-7(7)	70-7(7)
Control	4.4± 0.3	4.4± 0.3	4.4± 0.3	4.4± 0.3	4.7± 0.3	4.6± 0.6	4.8± 0.5
5000 ppm	4.3± 0.3	4.3± 0.3	4.2± 0.3**	4.2± 0.3**	4.5± 0.3**	4.6± 0.5	4.8± 0.3
10000 ppm	4.2± 0.3*	4.2± 0.3	4.1± 0.3**	4.1± 0.3**	4.3± 0.3**	4.5± 0.3**	4.6± 0.4**
20000 ppm	4.2± 0.3**	4.2± 0.3**	4.0± 0.3**	4.2± 0.3**	4.3± 0.3**	4.3± 0.3**	4.5± 0.3**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 5

Group Name	Administration week-day(effective)						
	74-7(7)	78-7(7)	82-7(7)	86-7(7)	90-7(7)	94-7(7)	98-7(7)
Control	5.0± 0.4	4.9± 0.4	4.9± 0.8	5.1± 0.4	4.8± 0.6	4.8± 0.6	5.2± 0.7
5000 ppm	4.8± 0.4	4.7± 0.8	4.9± 0.5	4.9± 0.7	4.8± 0.5	4.8± 0.4	5.0± 0.6
10000 ppm	4.7± 0.5**	4.6± 0.4**	4.8± 0.3	4.9± 0.3*	4.8± 0.4	4.7± 0.5	4.9± 0.3*
20000 ppm	4.6± 0.3**	4.6± 0.3**	4.6± 0.4**	4.6± 0.5**	4.7± 0.4	4.5± 0.4*	4.6± 0.4**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 6

Group Name	Administration week-day(effective)	
	102-7(7)	104-7(7)
Control	5.0± 0.5	4.9± 0.5
5000 ppm	4.8± 0.8	4.8± 0.7
10000 ppm	4.6± 0.4**	4.6± 0.4*
20000 ppm	4.5± 0.6**	4.4± 0.5**

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

Test of Dunnett

(HAN260)

BATS 4

TABLE D 4

FOOD CONSUMPTION CHANGES: FEMALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 7

Group Name	Administration week-day(effective)						
	1-7(7)	2-7(7)	3-7(7)	4-7(7)	5-7(7)	6-7(7)	7-7(7)
Control	3.4± 0.3	3.4± 0.2	3.5± 0.2	3.4± 0.2	3.5± 0.2	3.6± 0.2	3.7± 0.2
2500 ppm	3.3± 0.3	3.3± 0.2	3.4± 0.2	3.4± 0.2	3.5± 0.2	3.5± 0.2	3.7± 0.2
5000 ppm	3.4± 0.3	3.3± 0.2	3.3± 0.2	3.3± 0.2*	3.5± 0.2	3.4± 0.2**	3.6± 0.2*
10000 ppm	3.4± 0.3	3.3± 0.2	3.4± 0.2	3.3± 0.2*	3.4± 0.2**	3.4± 0.2*	3.5± 0.2**

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

Test of Dunnett

(HAN260)

BATS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 8

Group Name	Administration week-day(effective)						
	8-7(7)	9-7(7)	10-7(7)	11-7(7)	12-7(7)	13-7(7)	14-7(7)
Control	3.8± 0.2	3.8± 0.2	3.9± 0.3	3.8± 0.3	3.8± 0.2	3.8± 0.3	3.6± 0.2
2500 ppm	3.8± 0.2	3.8± 0.2	3.8± 0.2	3.8± 0.3	3.7± 0.2	3.8± 0.2	3.7± 0.3
5000 ppm	3.7± 0.3	3.7± 0.2	3.7± 0.3**	3.7± 0.2	3.7± 0.3	3.7± 0.2	3.6± 0.3
10000 ppm	3.8± 0.3	3.8± 0.2	3.7± 0.3**	3.8± 0.2	3.7± 0.3	3.7± 0.3	3.5± 0.2

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 9

Group Name	Administration week-day(effective)						
	18-7(7)	22-7(7)	26-7(7)	30-7(7)	34-7(7)	38-7(7)	42-7(7)
Control	3.6± 0.6	3.8± 0.3	3.9± 0.4	3.8± 0.4	3.8± 0.4	4.0± 0.4	4.1± 0.4
2500 ppm	3.7± 0.3	3.8± 0.3	4.0± 0.3	3.8± 0.3	3.8± 0.4	3.9± 0.5	4.0± 0.4
5000 ppm	3.5± 0.3	3.7± 0.3	3.9± 0.3	3.7± 0.4	3.7± 0.3	3.9± 0.4	3.9± 0.4
10000 ppm	3.6± 0.4	3.7± 0.3	4.0± 0.3	3.9± 0.4	3.8± 0.4	3.8± 0.4	3.8± 0.4**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 10

Group Name	Administration week-day(effective)						
	46-7(7)	50-7(7)	54-7(7)	58-7(7)	62-7(7)	66-7(7)	70-7(7)
Control	3.9± 0.4	4.1± 0.6	4.0± 0.5	3.8± 0.5	4.1± 0.6	4.2± 0.5	4.1± 0.6
2500 ppm	3.9± 0.4	3.9± 0.5	3.8± 0.4	3.9± 0.4	4.0± 0.5	4.0± 0.7*	4.1± 0.4
5000 ppm	3.9± 0.4	3.9± 0.4	3.8± 0.4	3.6± 0.4	3.8± 0.5*	4.0± 0.4*	4.0± 0.4
10000 ppm	3.8± 0.4	3.9± 0.4	3.9± 0.4	3.7± 0.5	3.9± 0.5	3.9± 0.4**	4.0± 0.5

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

Test of Dunnett

(HAN260)

BATS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 11

Group Name	Administration week-day(effective)						
	74-7(7)	78-7(7)	82-7(7)	86-7(7)	90-7(7)	94-7(7)	98-7(7)
Control	4.0± 0.6	4.0± 0.5	4.1± 0.6	4.4± 0.5	4.5± 0.6	4.3± 0.9	4.6± 0.7
2500 ppm	4.1± 0.5	4.0± 0.6	4.3± 0.6	4.2± 0.7	4.2± 0.6	4.4± 0.9	4.4± 0.7
5000 ppm	3.9± 0.5	3.8± 0.5	4.1± 0.5	4.3± 0.9	4.1± 0.5*	4.3± 0.5	4.4± 0.4
10000 ppm	3.7± 0.4	3.8± 0.4	4.0± 0.5	4.1± 0.5*	4.0± 0.8**	3.8± 0.5**	3.9± 0.7**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 12

Group Name	Administration week-day(effective)	
	102-7(7)	104-7(7)
Control	4.2± 0.6	4.3± 0.8
2500 ppm	4.2± 0.7	4.2± 0.7
5000 ppm	4.2± 0.6	4.2± 0.6
10000 ppm	4.0± 0.5	3.9± 0.5

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

(HAN260)

BAIS 4

TABLE E 1

WATER CONSUMPTION CHANGES AND
SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

MEAN WATER CONSUMPTION(WC) AND SURVIVAL

PAGE : 1

Week-Day on Study	Control		5000 ppm			10000 ppm			20000 ppm		
	Av. WC.	No. of Surviv. <50>	Av. WC.	% of cont. <50>	No. of Surviv.	Av. WC.	% of cont. <50>	No. of Surviv.	Av. WC.	% of cont. <50>	No. of Surviv.
1-7	4.5 (50)	50/50	4.0 (50)	89	50/50	4.0 (49)	89	50/50	3.7 (49)	82	50/50
2-7	4.3 (48)	50/50	4.0 (50)	93	50/50	3.9 (50)	91	50/50	3.7 (50)	86	50/50
3-7	4.3 (49)	50/50	4.0 (50)	93	50/50	3.8 (49)	88	50/50	3.6 (49)	84	50/50
4-7	4.2 (49)	50/50	3.8 (50)	90	50/50	3.7 (50)	88	50/50	3.4 (50)	81	50/50
5-7	4.5 (50)	50/50	3.8 (50)	84	50/50	3.6 (49)	80	50/50	3.5 (50)	78	50/50
6-7	4.2 (50)	50/50	3.7 (50)	88	50/50	3.5 (49)	83	50/50	3.3 (50)	79	50/50
7-7	4.3 (50)	50/50	3.8 (50)	88	50/50	3.6 (50)	84	50/50	3.3 (50)	77	50/50
8-7	4.2 (50)	50/50	3.7 (50)	88	50/50	3.5 (50)	83	50/50	3.2 (50)	76	50/50
9-7	4.1 (50)	50/50	3.6 (50)	88	50/50	3.3 (50)	80	50/50	3.1 (50)	76	50/50
10-7	4.0 (50)	50/50	3.4 (50)	85	50/50	3.2 (50)	80	50/50	3.0 (49)	75	50/50
11-7	3.8 (50)	50/50	3.4 (50)	89	50/50	3.2 (50)	84	50/50	3.0 (50)	79	50/50
12-7	3.9 (50)	50/50	3.4 (50)	87	50/50	3.2 (50)	82	50/50	3.0 (50)	77	50/50
13-7	3.8 (50)	50/50	3.3 (50)	87	50/50	3.1 (50)	82	50/50	2.9 (50)	76	50/50
14-7	3.9 (50)	50/50	3.4 (50)	87	50/50	3.2 (50)	82	50/50	3.1 (50)	79	50/50
18-7	3.8 (50)	50/50	3.3 (49)	87	50/50	3.3 (50)	87	50/50	2.9 (49)	76	50/50
22-7	3.8 (50)	50/50	3.3 (50)	87	50/50	3.1 (49)	82	50/50	2.8 (50)	74	50/50
26-7	3.7 (49)	50/50	3.3 (50)	89	50/50	3.2 (49)	86	50/50	3.0 (48)	81	50/50
30-7	3.7 (50)	50/50	3.3 (49)	89	49/50	3.1 (50)	84	50/50	2.9 (50)	78	50/50
34-7	3.8 (50)	50/50	3.3 (49)	87	49/50	3.1 (50)	82	50/50	2.9 (50)	76	50/50
38-7	3.8 (50)	50/50	3.3 (49)	87	49/50	3.2 (50)	84	50/50	3.0 (50)	79	50/50
42-7	3.8 (49)	50/50	3.4 (49)	89	49/50	3.2 (50)	84	50/50	3.0 (50)	79	50/50
46-7	3.9 (50)	50/50	3.3 (49)	85	49/50	3.2 (50)	82	50/50	3.0 (50)	77	50/50
50-7	3.8 (50)	50/50	3.3 (49)	87	49/50	3.3 (50)	87	50/50	2.9 (50)	76	50/50
54-7	3.9 (50)	50/50	3.3 (49)	85	49/50	3.3 (50)	85	50/50	3.1 (50)	79	50/50
58-7	3.8 (49)	50/50	3.3 (49)	87	49/50	3.2 (49)	84	49/50	3.1 (49)	82	49/50
62-7	4.1 (50)	50/50	3.5 (49)	85	49/50	3.5 (49)	85	49/50	3.3 (49)	80	49/50
66-7	4.2 (50)	50/50	3.7 (49)	88	49/50	3.6 (49)	86	49/50	3.3 (49)	79	49/50
70-7	4.3 (49)	49/50	3.7 (47)	86	47/50	3.6 (49)	84	49/50	3.4 (49)	79	49/50
74-7	4.3 (46)	47/50	3.8 (47)	88	47/50	3.7 (48)	86	48/50	3.5 (49)	81	49/50
78-7	4.6 (46)	47/50	3.9 (45)	85	46/50	3.9 (48)	85	48/50	3.7 (49)	80	49/50
82-7	4.4 (45)	46/50	4.0 (43)	91	43/50	3.9 (46)	89	46/50	3.6 (48)	82	48/50
86-7	4.4 (43)	44/50	3.7 (41)	84	41/50	3.9 (44)	89	45/50	3.4 (48)	77	48/50
90-7	4.5 (39)	41/50	4.0 (40)	89	40/50	3.8 (42)	84	43/50	3.7 (45)	82	45/50
94-7	4.7 (35)	40/50	4.1 (38)	87	38/50	4.0 (40)	85	41/50	3.8 (45)	81	45/50
98-7	4.9 (35)	38/50	4.4 (36)	90	36/50	4.2 (36)	86	36/50	3.8 (45)	78	45/50
102-7	4.9 (32)	35/50	4.1 (34)	84	35/50	4.2 (36)	86	36/50	3.9 (41)	80	41/50
104-7	4.9 (29)	35/50	4.1 (32)	84	33/50	4.1 (35)	84	36/50	3.9 (40)	80	41/50

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

TABLE E 2

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

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

MEAN WATER CONSUMPTION(WC) AND SURVIVAL

PAGE : 2

Week-Day on Study	Control		2500 ppm			5000 ppm			10000 ppm		
	Av. WC.	No. of Surviv. <50>	Av. WC.	% of cont. <50>	No. of Surviv.	Av. WC.	% of cont. <50>	No. of Surviv.	Av. WC.	% of cont. <50>	No. of Surviv.
1-7	4.3 (50)	50/50	3.8 (50)	88	50/50	3.8 (50)	88	50/50	3.8 (50)	88	50/50
2-7	4.1 (50)	50/50	3.9 (50)	95	50/50	3.7 (50)	90	50/50	3.7 (50)	90	50/50
3-7	4.1 (50)	50/50	3.9 (50)	95	50/50	3.8 (50)	93	50/50	3.8 (50)	93	50/50
4-7	4.0 (50)	50/50	3.9 (50)	98	50/50	3.7 (50)	93	50/50	3.6 (50)	90	50/50
5-7	4.1 (50)	50/50	3.8 (49)	93	50/50	3.7 (50)	90	50/50	3.6 (50)	88	50/50
6-7	4.1 (50)	50/50	3.9 (50)	95	50/50	3.6 (50)	88	50/50	3.7 (50)	90	50/50
7-7	4.3 (50)	50/50	4.2 (50)	98	50/50	4.0 (50)	93	50/50	3.9 (50)	91	50/50
8-7	4.0 (50)	50/50	3.9 (49)	98	50/50	3.9 (50)	98	50/50	3.8 (50)	95	50/50
9-7	4.0 (50)	50/50	3.9 (50)	98	50/50	3.7 (50)	93	50/50	3.6 (50)	90	50/50
10-7	4.0 (50)	50/50	3.8 (50)	95	50/50	3.6 (50)	90	50/50	3.7 (50)	93	50/50
11-7	3.8 (50)	50/50	3.8 (50)	100	50/50	3.5 (50)	92	50/50	3.7 (50)	97	50/50
12-7	3.8 (50)	50/50	3.7 (50)	97	50/50	3.7 (50)	97	50/50	3.6 (50)	95	50/50
13-7	3.9 (50)	50/50	3.7 (50)	95	50/50	3.5 (50)	90	50/50	3.5 (50)	90	50/50
14-7	3.8 (50)	50/50	3.7 (50)	97	50/50	3.6 (50)	95	50/50	3.4 (50)	89	50/50
18-7	4.2 (50)	50/50	3.8 (48)	90	50/50	3.6 (50)	86	50/50	3.6 (50)	86	50/50
22-7	4.1 (49)	50/50	3.7 (49)	90	50/50	3.7 (50)	90	50/50	3.5 (50)	85	50/50
26-7	4.0 (50)	50/50	3.7 (49)	93	50/50	3.6 (50)	90	50/50	3.7 (50)	93	50/50
30-7	4.0 (50)	50/50	3.6 (48)	90	50/50	3.4 (50)	85	50/50	3.4 (49)	85	49/50
34-7	4.0 (49)	50/50	3.6 (49)	90	50/50	3.6 (49)	90	50/50	3.4 (48)	85	49/50
38-7	3.8 (49)	50/50	3.6 (49)	95	50/50	3.7 (50)	97	50/50	3.4 (48)	89	49/50
42-7	3.9 (50)	50/50	3.5 (49)	90	50/50	3.6 (50)	92	50/50	3.3 (49)	85	49/50
46-7	3.9 (50)	50/50	3.5 (50)	90	50/50	3.4 (49)	87	50/50	3.3 (49)	85	49/50
50-7	3.9 (50)	50/50	3.4 (48)	87	49/50	3.4 (49)	87	49/50	3.2 (49)	82	49/50
54-7	3.8 (50)	50/50	3.5 (48)	92	48/50	3.4 (48)	89	48/50	3.4 (49)	89	49/50
58-7	3.7 (50)	50/50	3.5 (47)	95	47/50	3.2 (48)	86	48/50	3.2 (49)	86	49/50
62-7	3.9 (49)	50/50	3.6 (46)	92	46/50	3.5 (47)	90	47/50	3.3 (49)	85	49/50
66-7	4.1 (48)	49/50	3.7 (43)	90	45/50	3.4 (46)	83	46/50	3.3 (48)	80	48/50
70-7	4.0 (47)	49/50	3.7 (40)	93	41/50	3.5 (46)	88	46/50	3.1 (48)	78	48/50
74-7	4.3 (46)	47/50	3.9 (40)	91	40/50	3.5 (44)	81	44/50	3.3 (48)	77	48/50
78-7	4.2 (44)	44/50	3.8 (37)	90	39/50	3.5 (44)	83	44/50	3.4 (46)	81	46/50
82-7	4.1 (43)	44/50	3.9 (35)	95	36/50	3.6 (41)	88	41/50	3.4 (42)	83	42/50
86-7	4.2 (40)	41/50	3.5 (34)	83	34/50	3.5 (40)	83	40/50	3.4 (39)	81	39/50
90-7	4.3 (39)	40/50	3.7 (34)	86	34/50	3.6 (38)	84	38/50	3.3 (35)	77	36/50
94-7	4.3 (38)	39/50	3.9 (33)	91	33/50	3.7 (36)	86	36/50	3.5 (32)	81	32/50
98-7	4.3 (32)	34/50	4.1 (30)	95	30/50	3.8 (34)	88	34/50	3.5 (30)	81	30/50
102-7	4.3 (32)	32/50	3.9 (28)	91	28/50	3.7 (32)	86	32/50	3.8 (24)	88	24/50
104-7	4.2 (29)	29/50	3.7 (26)	88	26/50	3.7 (31)	88	31/50	3.8 (20)	90	20/50

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

TABLE E 3

WATER CONSUMPTION CHANGES: MALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 1

Group Name	Administration week-day(effective)						
	1-7(3)	2-7(3)	3-7(3)	4-7(3)	5-7(3)	6-7(3)	7-7(3)
Control	4.5± 0.7	4.3± 0.8	4.3± 0.8	4.2± 0.7	4.5± 0.9	4.2± 0.9	4.3± 0.7
5000 ppm	4.0± 0.9**	4.0± 0.7	4.0± 0.7	3.8± 0.7*	3.8± 0.6**	3.7± 0.7**	3.8± 0.7**
10000 ppm	4.0± 0.8**	3.9± 0.8*	3.8± 0.6**	3.7± 0.8**	3.6± 0.6**	3.5± 0.5**	3.6± 0.7**
20000 ppm	3.7± 0.5**	3.7± 0.8**	3.6± 0.4**	3.4± 0.6**	3.5± 0.5**	3.3± 0.5**	3.3± 0.4**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 2

Group Name	Administration week-day(effective)						
	8-7(3)	9-7(3)	10-7(3)	11-7(3)	12-7(3)	13-7(3)	14-7(3)
Control	4.2± 0.7	4.1± 0.6	4.0± 0.7	3.8± 0.6	3.9± 0.6	3.8± 0.5	3.9± 0.5
5000 ppm	3.7± 0.7**	3.6± 0.6**	3.4± 0.6**	3.4± 0.5**	3.4± 0.5**	3.3± 0.5**	3.4± 0.5**
10000 ppm	3.5± 0.6**	3.3± 0.5**	3.2± 0.5**	3.2± 0.4**	3.2± 0.4**	3.1± 0.4**	3.2± 0.4**
20000 ppm	3.2± 0.6**	3.1± 0.4**	3.0± 0.4**	3.0± 0.4**	3.0± 0.5**	2.9± 0.4**	3.1± 0.4**

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

Test of Dunnett

(HAN260)

BATS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 3

Group Name	Administration week-day(effective)						
	18-7(3)	22-7(3)	26-7(3)	30-7(3)	34-7(3)	38-7(3)	42-7(3)
Control	3.8± 0.5	3.8± 0.4	3.7± 0.3	3.7± 0.3	3.8± 0.5	3.8± 0.4	3.8± 0.4
5000 ppm	3.3± 0.4**	3.3± 0.3**	3.3± 0.3**	3.3± 0.5**	3.3± 0.3**	3.3± 0.3**	3.4± 0.3**
10000 ppm	3.3± 0.6**	3.1± 0.4**	3.2± 0.6**	3.1± 0.4**	3.1± 0.4**	3.2± 0.4**	3.2± 0.4**
20000 ppm	2.9± 0.4**	2.8± 0.3**	3.0± 0.5**	2.9± 0.3**	2.9± 0.3**	3.0± 0.3**	3.0± 0.3**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 4

Group Name	Administration week-day(effective)						
	46-7(3)	50-7(3)	54-7(3)	58-7(3)	62-7(3)	66-7(3)	70-7(3)
Control	3.9± 0.6	3.8± 0.5	3.9± 0.4	3.8± 0.5	4.1± 0.4	4.2± 0.8	4.3± 0.8
5000 ppm	3.3± 0.3**	3.3± 0.3**	3.3± 0.3**	3.3± 0.3**	3.5± 0.3**	3.7± 0.4**	3.7± 0.4**
10000 ppm	3.2± 0.4**	3.3± 0.4**	3.3± 0.4**	3.2± 0.3**	3.5± 0.3**	3.6± 0.4**	3.6± 0.5**
20000 ppm	3.0± 0.3**	2.9± 0.3**	3.1± 0.3**	3.1± 0.3**	3.3± 0.3**	3.3± 0.3**	3.4± 0.3**

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

Test of Dunnett

(HAN260)

BATS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 5

Group Name	Administration week-day(effective)						
	74-7(3)	78-7(3)	82-7(3)	86-7(3)	90-7(3)	94-7(3)	98-7(3)
Control	4.3± 0.5	4.6± 0.5	4.4± 0.7	4.4± 0.7	4.5± 1.0	4.7± 0.6	4.9± 0.8
5000 ppm	3.8± 0.5**	3.9± 0.7**	4.0± 0.5**	3.7± 0.7**	4.0± 0.6**	4.1± 0.7**	4.4± 0.8*
10000 ppm	3.7± 0.7**	3.9± 0.6**	3.9± 0.5**	3.9± 0.7**	3.8± 0.5**	4.0± 0.7**	4.2± 0.6**
20000 ppm	3.5± 0.3**	3.7± 0.3**	3.6± 0.4**	3.4± 0.6**	3.7± 0.3**	3.8± 0.6**	3.8± 0.5**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104
SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 6

Group Name	Administration week-day(effective)	
	102-7(3)	104-7(3)
Control	4.9± 1.0	4.9± 0.8
5000 ppm	4.1± 0.8**	4.1± 0.8**
10000 ppm	4.2± 0.8**	4.1± 0.5**
20000 ppm	3.9± 0.6**	3.9± 0.8**

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

Test of Dunnett

(HAN260)

BATS 4

TABLE E 4

WATER CONSUMPTION CHANGES: FEMALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 7

Group Name	Administration week-day(effective)						
	1-7(3)	2-7(3)	3-7(3)	4-7(3)	5-7(3)	6-7(3)	7-7(3)
Control	4.3± 0.4	4.1± 0.4	4.1± 0.4	4.0± 0.3	4.1± 0.4	4.1± 0.4	4.3± 0.4
2500 ppm	3.8± 0.6**	3.9± 0.5**	3.9± 0.4	3.9± 0.4	3.8± 0.3**	3.9± 0.4	4.2± 0.6
5000 ppm	3.8± 0.4**	3.7± 0.3**	3.8± 0.3**	3.7± 0.4**	3.7± 0.3**	3.6± 0.4**	4.0± 0.4**
10000 ppm	3.8± 0.4**	3.7± 0.5**	3.8± 0.5**	3.6± 0.4**	3.6± 0.4**	3.7± 0.4**	3.9± 0.4**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 8

Group Name	Administration week-day(effective)						
	8-7(3)	9-7(3)	10-7(3)	11-7(3)	12-7(3)	13-7(3)	14-7(3)
Control	4.0± 0.4	4.0± 0.4	4.0± 0.4	3.8± 0.4	3.8± 0.4	3.9± 0.5	3.8± 0.4
2500 ppm	3.9± 0.4	3.9± 0.6*	3.8± 0.4*	3.8± 0.4	3.7± 0.6	3.7± 0.4*	3.7± 0.5
5000 ppm	3.9± 0.5	3.7± 0.6**	3.6± 0.3**	3.5± 0.4**	3.7± 0.4	3.5± 0.4**	3.6± 0.5*
10000 ppm	3.8± 0.4*	3.6± 0.4**	3.7± 0.4**	3.7± 0.4	3.6± 0.3*	3.5± 0.4**	3.4± 0.3**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 9

Group Name	Administration week-day(effective)						
	18-7(3)	22-7(3)	26-7(3)	30-7(3)	34-7(3)	38-7(3)	42-7(3)
Control	4.2± 0.7	4.1± 0.7	4.0± 0.8	4.0± 0.8	4.0± 0.8	3.8± 0.7	3.9± 0.6
2500 ppm	3.8± 0.5**	3.7± 0.3**	3.7± 0.5	3.6± 0.4	3.6± 0.7**	3.6± 0.4	3.5± 0.5**
5000 ppm	3.6± 0.5**	3.7± 0.4**	3.6± 0.4	3.4± 0.5**	3.6± 0.4*	3.7± 0.4	3.6± 0.8**
10000 ppm	3.6± 0.3**	3.5± 0.4**	3.7± 0.9**	3.4± 0.5**	3.4± 0.6**	3.4± 0.5**	3.3± 0.4**

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

Test of Dunnett

(HAN260)

BATS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 10

Group Name	Administration week-day(effective)						
	46-7(3)	50-7(3)	54-7(3)	58-7(3)	62-7(3)	66-7(3)	70-7(3)
Control	3.9± 0.7	3.9± 0.5	3.8± 0.6	3.7± 0.4	3.9± 0.6	4.1± 0.5	4.0± 0.7
2500 ppm	3.5± 0.6**	3.4± 0.7**	3.5± 0.6*	3.5± 0.8**	3.6± 0.7**	3.7± 0.8**	3.7± 0.6
5000 ppm	3.4± 0.8**	3.4± 0.4**	3.4± 0.5**	3.2± 0.5**	3.5± 0.5**	3.4± 0.5**	3.5± 0.7**
10000 ppm	3.3± 0.5**	3.2± 0.5**	3.4± 0.4**	3.2± 0.4**	3.3± 0.5**	3.3± 0.5**	3.1± 0.4**

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

Test of Dunnett

(HAN260)

BALS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 11

Group Name	Administration week-day(effective)						
	74-7(3)	78-7(3)	82-7(3)	86-7(3)	90-7(3)	94-7(3)	98-7(3)
Control	4.3± 0.7	4.2± 0.8	4.1± 0.7	4.2± 0.6	4.3± 0.6	4.3± 1.0	4.3± 0.7
2500 ppm	3.9± 1.0**	3.8± 1.1**	3.9± 0.9	3.5± 0.8**	3.7± 0.8**	3.9± 1.0	4.1± 0.7
5000 ppm	3.5± 0.5**	3.5± 0.6**	3.6± 0.6**	3.5± 0.6**	3.6± 0.9**	3.7± 0.7**	3.8± 0.7*
10000 ppm	3.3± 0.6**	3.4± 0.7**	3.4± 0.5**	3.4± 0.8**	3.3± 0.9**	3.5± 0.7**	3.5± 0.9**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104
SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 12

Group Name	Administration week-day(effective)	
	102-7(3)	104-7(3)
Control	4.3± 0.7	4.2± 0.8
2500 ppm	3.9± 0.8	3.7± 1.1
5000 ppm	3.7± 0.8**	3.7± 1.0
10000 ppm	3.8± 0.8*	3.8± 0.8

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

Test of Dunnett

(HAN260)

BATS 4

TABLE F 1

CHEMICAL INTAKE CHANGES: MALE

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : mg/kg/day
REPORT TYPE : A1 104
SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 1

Group Name	Administration (weeks)													
	1		2		3		4		5		6		7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
5000 ppm	809±	165	800±	124	767±	131	716±	134	683±	105	648±	124	660±	141
10000 ppm	1621±	322	1554±	328	1452±	224	1362±	325	1300±	218	1241±	179	1267±	282
20000 ppm	3077±	482	2970±	670	2716±	347	2537±	474	2525±	384	2376±	415	2361±	354

(HAN300)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : mg/kg/d a y
REPORT TYPE : A1 104
SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 2

Group Name	Administration (weeks)													
	8		9		10		11		12		13		14	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
5000 ppm	636±	128	590±	112	559±	116	538±	100	526±	106	505±	95	514±	97
10000 ppm	1181±	238	1100±	191	1045±	198	1007±	179	999±	158	934±	149	968±	171
20000 ppm	2227±	411	2101±	341	1982±	324	1944±	360	1897±	352	1776±	289	1898±	326

(HAN300)

BATS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : mg/kg/day
 REPORT TYPE : A1 104
 SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 3

Group Name	Administration (weeks)													
	18		22		26		30		34		38		42	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
5000 ppm	469±	86	434±	60	421±	57	401±	73	386±	57	371±	50	376±	49
10000 ppm	911±	198	816±	138	809±	198	764±	121	723±	117	735±	125	729±	98
20000 ppm	1703±	292	1565±	204	1576±	318	1481±	195	1449±	172	1421±	187	1424±	177

(HAN300)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : mg/kg/day
 REPORT TYPE : A1 104
 SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 4

Group Name	Administration (weeks)													
	46		50		54		58		62		66		70	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
5000 ppm	361±	48	345±	46	339±	39	342±	37	360±	44	375±	50	375±	53
10000 ppm	707±	104	696±	103	686±	122	662±	79	709±	81	728±	97	725±	105
20000 ppm	1358±	167	1298±	151	1348±	153	1327±	156	1403±	152	1388±	171	1422±	163

(HAN300)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : mg/kg/day
 REPORT TYPE : A1 104
 SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 5

Group Name	Administration (weeks)													
	74		78		82		86		90		94		98	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
5000 ppm	381±	64	401±	80	406±	72	374±	90	413±	94	430±	107	454±	123
10000 ppm	733±	147	793±	129	796±	143	793±	174	768±	125	814±	133	864±	148
20000 ppm	1446±	158	1544±	210	1507±	205	1410±	239	1512±	231	1596±	400	1589±	293

(HAN300)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : mg/kg/day
REPORT TYPE : A1 104
SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 6

Group Name	Administration (weeks)			
	102		104	
Control	0±	0	0±	0
5000 ppm	432±	111	434±	123
10000 ppm	872±	175	874±	173
20000 ppm	1654±	342	1665±	388

(HAN300)

BAIS 4

TABLE F 2

CHEMICAL INTAKE CHANGES: FEMALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : mg/kg/day
 REPORT TYPE : A1 104
 SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 7

Group Name	Administration (weeks)													
	1		2		3		4		5		6		7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
2500 ppm	484±	70	487±	69	471±	37	451±	47	436±	39	441±	48	459±	73
5000 ppm	948±	97	917±	90	909±	83	865±	70	833±	68	815±	79	879±	87
10000 ppm	1925±	207	1830±	236	1809±	225	1679±	216	1635±	182	1639±	181	1718±	200

(HAN300)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : mg/kg/day
 REPORT TYPE : A1 104
 SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 8

Group Name	Administration (weeks)													
	8		9		10		11		12		13		14	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
2500 ppm	419±	41	408±	70	395±	50	394±	45	387±	69	374±	56	368±	64
5000 ppm	835±	98	785±	140	763±	75	746±	77	763±	81	713±	83	732±	105
10000 ppm	1649±	173	1538±	187	1561±	193	1540±	187	1494±	162	1444±	194	1399±	155

(HAN300)

BATS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : mg/kg/day
REPORT TYPE : A1 104
SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 9

Group Name	Administration (weeks)													
	18		22		26		30		34		38		42	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
2500 ppm	360±	57	341±	42	335±	60	316±	48	308±	74	300±	48	288±	57
5000 ppm	697±	88	697±	87	672±	85	606±	93	629±	97	611±	88	610±	143
10000 ppm	1386±	154	1311±	174	1332±	365	1183±	222	1191±	265	1135±	195	1121±	213

(HAN300)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : mg/kg/day
REPORT TYPE : A1 104
SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 10

Group Name	Administration (weeks)													
	46		50		54		58		62		66		70	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
2500 ppm	283±	61	269±	78	271±	79	261±	67	265±	61	269±	75	267±	47
5000 ppm	551±	122	535±	95	532±	99	504±	89	536±	93	516±	99	534±	150
10000 ppm	1060±	210	1020±	213	1041±	192	994±	176	997±	189	1006±	200	936±	176

(HAN300)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : mg/kg/day
 REPORT TYPE : A1 104
 SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 11

Group Name	Administration (weeks)													
	74		78		82		86		90		94		98	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
2500 ppm	286±	73	275±	78	276±	78	247±	53	259±	61	275±	64	288±	58
5000 ppm	523±	104	520±	117	543±	117	524±	126	526±	151	545±	128	561±	133
10000 ppm	1008±	200	1048±	259	1004±	177	1006±	248	978±	286	1046±	196	1049±	242

(HAN300)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : mg/kg/day
REPORT TYPE : A1 104
SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 12

Group Name	Administration (weeks)			
	102		104	
Control	0±	0	0±	0
2500 ppm	281±	64	281±	104
5000 ppm	548±	131	548±	152
10000 ppm	1145±	225	1220±	353

(HAN300)

BATS 4

TABLE G 1

HEMATOLOGY: MALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE TIME : 1
 SEX : MALE

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 1

Group Name	NO. of Animals	RED BLOOD CELL 10 ⁶ /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 ⁹ /μl	
Control	35	9.25±	1.98	13.5±	2.7	42.2±	7.2	46.4±	4.9	14.6±	0.8	31.7±	1.8	1653±	373
5000 ppm	32	9.06±	1.71	13.3±	2.4	41.6±	6.6	46.6±	3.7	14.7±	0.6	31.7±	1.7	1577±	416
10000 ppm	36	9.45±	1.03	13.8±	1.4	43.1±	3.8	45.8±	2.3	14.7±	0.8	32.0±	0.7	1579±	391
20000 ppm	39	9.56±	0.54	14.1±	0.9	43.9±	2.4	46.0±	1.1	14.8±	0.4	32.2±	0.7	1548±	334

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0613

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY)

ALL ANIMALS (105W)

PAGE : 2

Group Name	NO. of Animals	RETICULOCYTE %	
Control	35	3.5±	3.7
5000 ppm	32	3.6±	3.9
10000 ppm	36	2.7±	1.0
20000 ppm	39	2.5±	0.9

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0613

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY)

ALL ANIMALS (105W)

PAGE : 3

Group Name	NO. of Animals	WBC 10 ³ /μl		Differential N-BAND		WBC (%) N-SEG		EOSINO		BASO		MONO		LYMPHO		OTHER	
Control	35	4.62±	2.54	2±	5	29±	13	2±	1	0±	0	4±	2	62±	17	1±	4
5000 ppm	32	4.31±	2.26	1±	3	25±	12	2±	1	0±	0	4±	2	68±	14	1±	2
10000 ppm	36	4.60±	2.66	1±	1	24±	10	3±	3	0±	0	5±	2	66±	11	1±	4
20000 ppm	39	4.07±	2.05	1±	1	28±	16	2±	1	0±	0	4±	2	65±	16	0±	1

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

Test of Dunnett

(HCL070)

BAIS 4

TABLE G 2

HEMATOLOGY: FEMALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (105W)

PAGE : 4

Group Name	NO. of Animals	RED BLOOD CELL 10 ⁶ /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 ⁹ /μl	
Control	27	9.44±	1.16	14.0±	1.8	43.8±	4.9	46.5±	1.5	14.8±	0.5	32.0±	1.1	967±	313
2500 ppm	25	8.76±	1.67	13.2±	2.2	41.8±	5.2	48.8±	6.8	15.2±	0.9	31.4±	2.1	1012±	423
5000 ppm	30	9.46±	0.93	13.9±	1.5	43.3±	3.8	45.9±	1.8	14.7±	0.6	32.1±	1.0	980±	339
10000 ppm	18	9.25±	1.07	13.7±	1.9	42.5±	4.6	46.1±	2.2	14.8±	0.8	32.2±	1.1	1049±	250

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE

HEMATOLOGY (SUMMARY)
ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 5

Group Name	NO. of Animals	RETICULOCYTE %	
Control	27	3.6±	2.6
2500 ppm	25	6.7±	10.8
5000 ppm	30	4.1±	4.2
10000 ppm	18	4.0±	3.8

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 6

Group Name	NO. of Animals	WBC 1 O ³ /μl	Differential		WBC (%) N-SEG		EOSINO		BASO		MONO		LYMPHO		OTHER	
Control	27	11.42 ± 36.08	1 ±	1	19 ±	8	3 ±	4	0 ±	0	4 ±	2	67 ±	17	7 ±	21
2500 ppm	25	22.16 ± 96.11	2 ±	3	28 ±	14	3 ±	4	0 ±	0	4 ±	2	56 ±	20	6 ±	19
5000 ppm	30	4.17 ± 2.97	1 ±	1	21 ±	10	1 ±	1	0 ±	0	4 ±	2	68 ±	13	5 ±	9
10000 ppm	18	3.46 ± 2.90	1 ±	1	27 ±	16	2 ±	1	0 ±	0	5 ±	2	62 ±	18	4 ±	6

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BATS 4

TABLE H 1

BIOCHEMISTRY: MALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 1

Group Name	NO. of Animals	TOTAL PROTEIN g/dl		ALBUMIN g/dl		A/G RATIO		T-BILIRUBIN mg/dl		GLUCOSE mg/dl		T-CHOLESTEROL mg/dl		TRIGLYCERIDE mg/dl	
Control	35	5.0±	0.8	2.3±	0.4	0.9±	0.1	0.13±	0.03	156±	52	112±	41	46±	27
5000 ppm	32	5.0±	0.8	2.4±	0.4	1.0±	0.2	0.13±	0.03	175±	38	110±	45	45±	22
10000 ppm	36	5.4±	0.9	2.6±	0.4	0.9±	0.1	0.13±	0.02	194±	26**	127±	52	45±	18
20000 ppm	40	5.0±	0.5	2.4±	0.3	1.0±	0.1*	0.13±	0.03	190±	41**	105±	30	44±	24

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 2

Group Name	NO. of Animals	PHOSPHOLIPID mg/dl		AST IU/l		ALT IU/l		LDH IU/l		ALP IU/l		G-GTP IU/l		CK IU/l	
Control	35	186±	61	174±	292	97±	169	571±	667	136±	48	1±	1	91±	115
5000 ppm	32	194±	72	74±	47	44±	73	424±	393	139±	131	1±	1	60±	33
10000 ppm	36	219±	67	98±	140	73±	132	452±	277	133±	43	1±	1	55±	23
20000 ppm	40	185±	40	79±	103	32±	44*	409±	192	135±	35	1±	1	59±	30

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0613

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)

ALL ANIMALS (105W)

PAGE : 3

Group Name	NO. of Animals	UREA NITROGEN mg/dl		SODIUM mEq/l		POTASSIUM mEq/l		CHLORIDE mEq/l		CALCIUM mg/dl		INORGANIC PHOSPHORUS mg/dl	
Control	35	28.6±	21.1	154±	2	4.6±	0.9	122±	5	8.7±	0.5	6.1±	0.9
5000 ppm	32	24.4±	9.9	153±	3	4.2±	0.3*	121±	4	8.7±	0.4	5.8±	0.8
10000 ppm	36	22.5±	3.4	153±	2	4.2±	0.3	120±	3	8.9±	0.6	5.7±	0.6
20000 ppm	40	22.7±	10.1*	153±	2	4.3±	0.3	121±	2	8.6±	0.3	5.8±	0.8

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

Test of Dunnett

(HCL074)

BAIS 4

TABLE H 2

BIOCHEMISTRY: FEMALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 4

Group Name	NO. of Animals	TOTAL PROTEIN g/dl		ALBUMIN g/dl		A/G RATIO		T-BILIRUBIN mg/dl		GLUCOSE mg/dl		T-CHOLESTEROL mg/dl		TRIGLYCERIDE mg/dl	
Control	28	5.0±	0.6	2.5±	0.3	1.0±	0.2	0.14±	0.05	134±	31	82±	28	52±	38
2500 ppm	25	5.2±	0.9	2.5±	0.3	1.0±	0.3	0.18±	0.17	136±	30	86±	36	37±	21
5000 ppm	31	4.9±	0.4	2.5±	0.2	1.0±	0.2	0.14±	0.05	138±	37	74±	25	36±	20
10000 ppm	19	5.1±	0.5	2.5±	0.2	1.0±	0.2	0.13±	0.03	147±	20	82±	24	38±	25

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

Test of Dunnett

(HCL074)

BATS 4

STUDY NO. : 0613

ANIMAL : MOUSE B6D2F1/Cr1j[Crlj:BDF1]

MEASURE. TIME : 1

SEX : FEMALE

REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)

ALL ANIMALS (105W)

PAGE : 5

Group Name	NO. of Animals	PHOSPHOLIPID mg/dl		AST I U / l		ALT I U / l		LDH I U / l		ALP I U / l		G-GTP I U / l		CK I U / l	
Control	28	145 ±	42	141 ±	156	53 ±	40	467 ±	266	234 ±	159	1 ±	1	82 ±	45
2500 ppm	25	151 ±	65	127 ±	99	60 ±	63	719 ±	872	173 ±	70	1 ±	1	118 ±	153
5000 ppm	31	138 ±	39	142 ±	142	52 ±	60	602 ±	648	194 ±	79	1 ±	1	97 ±	91
10000 ppm	19	149 ±	36	100 ±	45	29 ±	9	573 ±	631	170 ±	67	1 ±	0	104 ±	60

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 6

Group Name	NO. of Animals	UREA NITROGEN mg/dl		SODIUM mEq/l		POTASSIUM mEq/l		CHLORIDE mEq/l		CALCIUM mg/dl		INORGANIC PHOSPHORUS mg/dl	
Control	28	16.8±	5.9	152±	2	4.2±	0.4	121±	3	9.0±	0.4	6.1±	1.1
2500 ppm	25	20.7±	11.6	152±	2	4.3±	0.5	121±	3	9.0±	0.5	6.3±	1.5
5000 ppm	31	19.0±	10.0	152±	2	4.3±	0.6	121±	2	8.9±	0.4	6.3±	1.3
10000 ppm	19	18.0±	4.4	151±	2	4.1±	0.4	120±	3	8.8±	0.5	5.9±	1.0

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS 4

TABLE I 1

URINALYSIS: MALE

STUDY NO. : 0613

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

URINALYSIS

PAGE : 1

Group Name	NO. of Animals	pH_____							CHI	Protein_____					CHI	Glucose_____					CHI	Ketone body_____					CHI	Occult blood_____					CHI		
		5.0	6.0	6.5	7.0	7.5	8.0	8.5		—	±	+	2+	3+		4+	—	±	+	2+		3+	4+	—	±	+		2+	3+	4+	—	±		+	2+
Control	33	0	3	9	8	12	1	0		0	17	14	1	1	0		33	0	0	0	0	0		15	9	9	0	0	0		27	0	1	1	4
5000 ppm	33	0	1	11	17	4	0	0		0	10	16	6	1	0		33	0	0	0	0	0		8	12	12	1	0	0		29	0	0	0	4
10000 ppm	36	0	3	16	15	2	0	0	*	0	4	18	14	0	0	**	36	0	0	0	0	0		8	12	14	2	0	0		32	0	0	0	4
20000 ppm	40	0	4	25	9	2	0	0	**	0	10	26	4	0	0		40	0	0	0	0	0		12	12	16	0	0	0		38	0	0	0	2

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

Test of CHI SQUARE

(HCL101)

BAIS 4

STUDY NO. : 0613

URINALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

PAGE : 2

Group Name	NO. of Animals	Urobilinogen ± + 2+ 3+ 4+ CHI
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Control	33	33 0 0 0 0
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5000 ppm	33	33 0 0 0 0
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10000 ppm	36	36 0 0 0 0
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20000 ppm	40	40 0 0 0 0
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Significant difference ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of CHI SQUARE

(HCL101)

BAIS 4

TABLE I 2

URINALYSIS: FEMALE

STUDY NO. : 0613

URINALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : FEMALE

REPORT TYPE : A1

PAGE : 3

Group Name	NO. of Animals	pH								CHI	Protein					CHI	Glucose					CHI	Ketone body					CHI	Occult blood					CHI	
		5.0	6.0	6.5	7.0	7.5	8.0	8.5	—		±	+	2+	3+	4+		—	±	+	2+	3+		4+	—	±	+	2+		3+	4+	—	±	+		2+
Control	30	0	2	4	0	9	11	4		0	4	15	9	2	0		30	0	0	0	0	0		6	18	3	3	0	0		25	0	0	4	1
2500 ppm	26	0	3	6	6	5	5	1	*	0	1	7	17	1	0		26	0	0	0	0	0		1	15	6	4	0	0		17	1	4	1	3
5000 ppm	32	0	2	4	5	11	9	1		0	1	18	12	1	0		32	0	0	0	0	0		0	18	10	4	0	0	*	28	0	1	0	3
10000 ppm	21	0	1	2	6	10	1	1	**	0	1	10	8	2	0		21	0	0	0	0	0		2	12	4	3	0	0		20	0	0	0	1

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

Test of CHI SQUARE

(HCL101)

BAIS 4

STUDY NO. : 0613

URINALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : FEMALE

REPORT TYPE : A1

PAGE : 4

Group Name	NO. of Animals	Urobilinogen ± + 2+ 3+ 4+ CHI
Control	30	30 0 0 0 0
2500 ppm	26	26 0 0 0 0
5000 ppm	32	32 0 0 0 0
10000 ppm	21	21 0 0 0 0

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

Test of CHI SQUARE

(HCL101)

BAIS 4

TABLE J 1

GROSS FINDINGS: MALE: ALL ANIMALS

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name NO. of Animals	Control 50 (%)	5000 ppm 50 (%)	10000 ppm 50 (%)	20000 ppm 50 (%)
skin/app	erosion		2 (4)	0 (0)	0 (0)	0 (0)
	scab		1 (2)	3 (6)	1 (2)	1 (2)
subcutis	edema		0 (0)	0 (0)	0 (0)	1 (2)
	mass		4 (8)	2 (4)	1 (2)	0 (0)
lung	red		0 (0)	1 (2)	0 (0)	1 (2)
	white zone		0 (0)	0 (0)	1 (2)	0 (0)
	red zone		0 (0)	1 (2)	0 (0)	0 (0)
	nodule		9 (18)	12 (24)	9 (18)	9 (18)
	adhesion		1 (2)	0 (0)	0 (0)	0 (0)
lymph node	enlarged		13 (26)	6 (12)	3 (6)	5 (10)
	nodule		0 (0)	1 (2)	0 (0)	0 (0)
spleen	enlarged		8 (16)	1 (2)	1 (2)	2 (4)
	white zone		0 (0)	0 (0)	0 (0)	1 (2)
	red zone		1 (2)	0 (0)	0 (0)	0 (0)
	black zone		1 (2)	0 (0)	0 (0)	2 (4)
	nodule		2 (4)	0 (0)	3 (6)	2 (4)
	deformed		0 (0)	1 (2)	1 (2)	0 (0)
	accentuation of white pulp		0 (0)	1 (2)	0 (0)	1 (2)
heart	white zone		0 (0)	0 (0)	0 (0)	1 (2)
salivary gl	nodule		0 (0)	1 (2)	0 (0)	0 (0)
forestomach	nodule		0 (0)	0 (0)	0 (0)	1 (2)
	thick		1 (2)	0 (0)	0 (0)	0 (0)

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name NO. of Animals	Control 50 (%)	5000 ppm 50 (%)	10000 ppm 50 (%)	20000 ppm 50 (%)
gl stomach	thick		1 (2)	2 (4)	2 (4)	0 (0)
duodenum	nodule		1 (2)	0 (0)	0 (0)	0 (0)
small intes	nodule		0 (0)	0 (0)	2 (4)	0 (0)
	dilated		0 (0)	1 (2)	0 (0)	0 (0)
	thick		1 (2)	0 (0)	0 (0)	0 (0)
liver	enlarged		1 (2)	1 (2)	0 (0)	2 (4)
	white zone		7 (14)	4 (8)	1 (2)	1 (2)
	red zone		2 (4)	2 (4)	2 (4)	4 (8)
	yellow zone		1 (2)	0 (0)	0 (0)	0 (0)
	nodule		17 (34)	18 (36)	19 (38)	11 (22)
	cyst		0 (0)	1 (2)	0 (0)	0 (0)
pancreas	nodule		0 (0)	1 (2)	0 (0)	1 (2)
kidney	enlarged		0 (0)	1 (2)	0 (0)	0 (0)
	white zone		0 (0)	0 (0)	0 (0)	1 (2)
	hydronephrosis		1 (2)	3 (6)	4 (8)	0 (0)
urin bladd	nodule		1 (2)	0 (0)	1 (2)	0 (0)
	urine marked retention		3 (6)	1 (2)	1 (2)	0 (0)
pituitary	enlarged		0 (0)	1 (2)	0 (0)	0 (0)
thyroid	enlarged		1 (2)	0 (0)	0 (0)	0 (0)
testis	enlarged		1 (2)	0 (0)	0 (0)	0 (0)
	small		0 (0)	0 (0)	2 (4)	1 (2)
epididymis	nodule		2 (4)	1 (2)	1 (2)	0 (0)

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 3

Organ	Findings	Group Name NO. of Animals	Control 50 (%)	5000 ppm 50 (%)	10000 ppm 50 (%)	20000 ppm 50 (%)
semin ves	red		0 (0)	1 (2)	0 (0)	0 (0)
prep/cli gl	nodule		0 (0)	1 (2)	1 (2)	0 (0)
brain	enlarged		0 (0)	1 (2)	0 (0)	0 (0)
periph nerv	nodule		0 (0)	0 (0)	1 (2)	0 (0)
Harder gl	enlarged		0 (0)	0 (0)	1 (2)	1 (2)
	nodule		2 (4)	2 (4)	1 (2)	0 (0)
muscle	nodule		0 (0)	1 (2)	0 (0)	0 (0)
bone	nodule		1 (2)	0 (0)	0 (0)	0 (0)
pleura	nodule		0 (0)	1 (2)	0 (0)	0 (0)
mediastinum	mass		1 (2)	0 (0)	1 (2)	0 (0)
peritoneum	nodule		1 (2)	0 (0)	1 (2)	1 (2)
retroperit	mass		0 (0)	1 (2)	0 (0)	0 (0)
abdominal c	ascites		1 (2)	2 (4)	1 (2)	0 (0)
thoracic ca	hemorrhage		0 (0)	2 (4)	1 (2)	1 (2)
	pleural fluid		3 (6)	3 (6)	1 (2)	2 (4)
other	ulcer		0 (0)	1 (2)	0 (0)	0 (0)
	tail:nodule		1 (2)	2 (4)	1 (2)	0 (0)
	ear:nodule		1 (2)	0 (0)	0 (0)	1 (2)
	nose:elevated		0 (0)	1 (2)	0 (0)	0 (0)
whole body	anemic		0 (0)	1 (2)	0 (0)	0 (0)

TABLE J 2

GROSS FINDINGS: MALE: DEAD AND MORIBUND ANIMALS

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name NO. of Animals	Control 15 (%)	5000 ppm 17 (%)	10000 ppm 14 (%)	20000 ppm 9 (%)
skin/app	scab		0 (0)	1 (6)	0 (0)	0 (0)
subcutis	edema		0 (0)	0 (0)	0 (0)	1 (11)
	mass		2 (13)	0 (0)	1 (7)	0 (0)
lung	red		0 (0)	1 (6)	0 (0)	1 (11)
	white zone		0 (0)	0 (0)	1 (7)	0 (0)
	red zone		0 (0)	1 (6)	0 (0)	0 (0)
	nodule		2 (13)	4 (24)	3 (21)	3 (33)
	adhesion		1 (7)	0 (0)	0 (0)	0 (0)
lymph node	enlarged		6 (40)	4 (24)	2 (14)	0 (0)
spleen	enlarged		5 (33)	0 (0)	0 (0)	2 (22)
	white zone		0 (0)	0 (0)	0 (0)	1 (11)
	nodule		1 (7)	0 (0)	2 (14)	0 (0)
heart	white zone		0 (0)	0 (0)	0 (0)	1 (11)
forestomach	thick		1 (7)	0 (0)	0 (0)	0 (0)
gl stomach	thick		1 (7)	1 (6)	0 (0)	0 (0)
duodenum	nodule		1 (7)	0 (0)	0 (0)	0 (0)
small intes	nodule		0 (0)	0 (0)	1 (7)	0 (0)
	thick		1 (7)	0 (0)	0 (0)	0 (0)
liver	enlarged		1 (7)	0 (0)	0 (0)	2 (22)
	white zone		3 (20)	2 (12)	0 (0)	1 (11)
	red zone		1 (7)	1 (6)	0 (0)	2 (22)
	nodule		8 (53)	7 (41)	6 (43)	7 (78)

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name NO. of Animals	Control 15 (%)	5000 ppm 17 (%)	10000 ppm 14 (%)	20000 ppm 9 (%)
kidney	enlarged		0 (0)	1 (6)	0 (0)	0 (0)
	white zone		0 (0)	0 (0)	0 (0)	1 (11)
	hydronephrosis		1 (7)	0 (0)	0 (0)	0 (0)
urin bladd	nodule		1 (7)	0 (0)	1 (7)	0 (0)
	urine:marked retention		3 (20)	1 (6)	1 (7)	0 (0)
pituitary	enlarged		0 (0)	1 (6)	0 (0)	0 (0)
thyroid	enlarged		1 (7)	0 (0)	0 (0)	0 (0)
testis	enlarged		1 (7)	0 (0)	0 (0)	0 (0)
	small		0 (0)	0 (0)	1 (7)	0 (0)
epididymis	nodule		1 (7)	1 (6)	1 (7)	0 (0)
semin ves	red		0 (0)	1 (6)	0 (0)	0 (0)
prep/cli gl	nodule		0 (0)	1 (6)	0 (0)	0 (0)
brain	enlarged		0 (0)	1 (6)	0 (0)	0 (0)
periph nerv	nodule		0 (0)	0 (0)	1 (7)	0 (0)
Harder gl	enlarged		0 (0)	0 (0)	1 (7)	0 (0)
	nodule		1 (7)	0 (0)	0 (0)	0 (0)
muscle	nodule		0 (0)	1 (6)	0 (0)	0 (0)
pleura	nodule		0 (0)	1 (6)	0 (0)	0 (0)
mediastinum	mass		1 (7)	0 (0)	1 (7)	0 (0)
retroperit	mass		0 (0)	1 (6)	0 (0)	0 (0)
abdominal c	ascites		1 (7)	1 (6)	1 (7)	0 (0)
thoracic ca	hemorrhage		0 (0)	2 (12)	1 (7)	1 (11)

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 3

Organ	Findings	Group Name	Control	5000 ppm	10000 ppm	20000 ppm
		NO. of Animals	15 (%)	17 (%)	14 (%)	9 (%)
thoracic ca	pleural fluid		3 (20)	3 (18)	1 (7)	0 (0)
other	tail:nodule		0 (0)	1 (6)	0 (0)	0 (0)
	ear:nodule		0 (0)	0 (0)	0 (0)	1 (11)
	nose:elevated		0 (0)	1 (6)	0 (0)	0 (0)
whole body	anemic		0 (0)	1 (6)	0 (0)	0 (0)

(HPT080)

BAIS 4

TABLE J 3

GROSS FINDINGS: MALE: SACRIFICED ANIMALS

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

GROSS FINDINGS (SUMMARY)
 SACRIFICED ANIMALS (105W)

PAGE : 1

Organ	Findings	Group Name NO. of Animals	Control 35 (%)	5000 ppm 33 (%)	10000 ppm 36 (%)	20000 ppm 41 (%)
skin/app	erosion		2 (6)	0 (0)	0 (0)	0 (0)
	scab		1 (3)	2 (6)	1 (3)	1 (2)
subcutis	mass		2 (6)	2 (6)	0 (0)	0 (0)
lung	nodule		7 (20)	8 (24)	6 (17)	6 (15)
lymph node	enlarged		7 (20)	2 (6)	1 (3)	5 (12)
	nodule		0 (0)	1 (3)	0 (0)	0 (0)
spleen	enlarged		3 (9)	1 (3)	1 (3)	0 (0)
	red zone		1 (3)	0 (0)	0 (0)	0 (0)
	black zone		1 (3)	0 (0)	0 (0)	2 (5)
	nodule		1 (3)	0 (0)	1 (3)	2 (5)
	deformed		0 (0)	1 (3)	1 (3)	0 (0)
	accentuation of white pulp		0 (0)	1 (3)	0 (0)	1 (2)
salivary gl	nodule		0 (0)	1 (3)	0 (0)	0 (0)
forestomach	nodule		0 (0)	0 (0)	0 (0)	1 (2)
gl stomach	thick		0 (0)	1 (3)	2 (6)	0 (0)
small intes	nodule		0 (0)	0 (0)	1 (3)	0 (0)
	dilated		0 (0)	1 (3)	0 (0)	0 (0)
liver	enlarged		0 (0)	1 (3)	0 (0)	0 (0)
	white zone		4 (11)	2 (6)	1 (3)	0 (0)
	red zone		1 (3)	1 (3)	2 (6)	2 (5)
	yellow zone		1 (3)	0 (0)	0 (0)	0 (0)
	nodule		9 (26)	11 (33)	13 (36)	4 (10)

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

GROSS FINDINGS (SUMMARY)
 SACRIFICED ANIMALS (105W)

PAGE : 2

Organ	Findings	Group Name NO. of Animals	Control 35 (%)	5000 ppm 33 (%)	10000 ppm 36 (%)	20000 ppm 41 (%)
liver	cyst		0 (0)	1 (3)	0 (0)	0 (0)
pancreas	nodule		0 (0)	1 (3)	0 (0)	1 (2)
kidney	hydronephrosis		0 (0)	3 (9)	4 (11)	0 (0)
testis	small		0 (0)	0 (0)	1 (3)	1 (2)
epididymis	nodule		1 (3)	0 (0)	0 (0)	0 (0)
prep/cli gl	nodule		0 (0)	0 (0)	1 (3)	0 (0)
Harder gl	enlarged		0 (0)	0 (0)	0 (0)	1 (2)
	nodule		1 (3)	2 (6)	1 (3)	0 (0)
bone	nodule		1 (3)	0 (0)	0 (0)	0 (0)
peritoneum	nodule		1 (3)	0 (0)	1 (3)	1 (2)
abdominal c	ascites		0 (0)	1 (3)	0 (0)	0 (0)
thoracic ca	pleural fluid		0 (0)	0 (0)	0 (0)	2 (5)
other	ulcer		0 (0)	1 (3)	0 (0)	0 (0)
	tail:nodule		1 (3)	1 (3)	1 (3)	0 (0)
	ear:nodule		1 (3)	0 (0)	0 (0)	0 (0)

(HPT080)

BAIS 4

TABLE J 4

GROSS FINDINGS: FEMALE: ALL ANIMALS

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 4

Organ	Findings	Group Name NO. of Animals	Control 50 (%)	2500 ppm 50 (%)	5000 ppm 50 (%)	10000 ppm 50 (%)
skin/app	nodule		1 (2)	0 (0)	1 (2)	0 (0)
	erosion		1 (2)	0 (0)	0 (0)	0 (0)
subcutis	edema		4 (8)	3 (6)	5 (10)	7 (14)
	mass		3 (6)	5 (10)	1 (2)	3 (6)
lung	white zone		0 (0)	1 (2)	0 (0)	0 (0)
	red zone		1 (2)	0 (0)	1 (2)	1 (2)
	nodule		2 (4)	3 (6)	0 (0)	3 (6)
lymph node	enlarged		7 (14)	13 (26)	13 (26)	14 (28)
spleen	enlarged		10 (20)	9 (18)	10 (20)	12 (24)
	white zone		0 (0)	0 (0)	0 (0)	1 (2)
	nodule		1 (2)	0 (0)	0 (0)	1 (2)
	deformed		0 (0)	0 (0)	1 (2)	0 (0)
	accentuation of white pulp		1 (2)	0 (0)	0 (0)	0 (0)
salivary gl	nodule		1 (2)	0 (0)	0 (0)	0 (0)
forestomach	nodule		0 (0)	1 (2)	0 (0)	0 (0)
gl stomach	ulcer		1 (2)	0 (0)	0 (0)	0 (0)
liver	enlarged		4 (8)	4 (8)	0 (0)	2 (4)
	white zone		7 (14)	9 (18)	4 (8)	7 (14)
	red zone		6 (12)	4 (8)	3 (6)	1 (2)
	nodule		5 (10)	4 (8)	9 (18)	4 (8)
pancreas	red		0 (0)	0 (0)	0 (0)	1 (2)
kidney	pale		1 (2)	0 (0)	0 (0)	0 (0)

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 5

Organ	Findings	Group Name NO. of Animals	Control 50 (%)	2500 ppm 50 (%)	5000 ppm 50 (%)	10000 ppm 50 (%)
kidney	white		0 (0)	1 (2)	0 (0)	0 (0)
	nodule		0 (0)	1 (2)	1 (2)	1 (2)
	hydronephrosis		4 (8)	4 (8)	2 (4)	5 (10)
urin bladd	urine:marked retention		2 (4)	2 (4)	0 (0)	1 (2)
pituitary	enlarged		2 (4)	4 (8)	2 (4)	2 (4)
	red zone		1 (2)	3 (6)	1 (2)	1 (2)
	nodule		5 (10)	2 (4)	2 (4)	2 (4)
thyroid	enlarged		0 (0)	0 (0)	0 (0)	1 (2)
ovary	enlarged		3 (6)	7 (14)	8 (16)	5 (10)
	cyst		4 (8)	2 (4)	5 (10)	2 (4)
uterus	enlarged		0 (0)	1 (2)	0 (0)	0 (0)
	nodule		9 (18)	14 (28)	9 (18)	14 (28)
	dilated lumen		0 (0)	0 (0)	1 (2)	0 (0)
vagina	nodule		0 (0)	0 (0)	0 (0)	1 (2)
brain	red zone		1 (2)	0 (0)	1 (2)	0 (0)
periph nerv	nodule		0 (0)	0 (0)	0 (0)	1 (2)
eye	turbid		0 (0)	0 (0)	1 (2)	1 (2)
Harder gl	enlarged		1 (2)	0 (0)	0 (0)	1 (2)
	nodule		2 (4)	0 (0)	0 (0)	2 (4)
bone	nodule		0 (0)	1 (2)	0 (0)	0 (0)
mediastinum	mass		2 (4)	1 (2)	3 (6)	3 (6)
peritoneum	mass		0 (0)	0 (0)	0 (0)	1 (2)

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 6

Organ	Findings	Group Name	Control	2500 ppm	5000 ppm	10000 ppm
		NO. of Animals	50 (%)	50 (%)	50 (%)	50 (%)
peritoneum	thick		0 (0)	1 (2)	0 (0)	2 (4)
retroperit	nodule		0 (0)	1 (2)	0 (0)	0 (0)
	mass		1 (2)	0 (0)	0 (0)	1 (2)
abdominal c	hemorrhage		0 (0)	1 (2)	4 (8)	4 (8)
	ascites		9 (18)	12 (24)	7 (14)	13 (26)
thoracic ca	pleural fluid		12 (24)	12 (24)	11 (22)	14 (28)
other	scab		0 (0)	1 (2)	0 (0)	0 (0)
	tail:nodule		0 (0)	1 (2)	0 (0)	0 (0)
	ear:nodule		1 (2)	1 (2)	0 (0)	0 (0)
whole body	anemic		1 (2)	0 (0)	0 (0)	1 (2)

TABLE J 5

GROSS FINDINGS: FEMALE: DEAD AND MORIBUND ANIMALS

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 4

Organ	Findings	Group Name NO. of Animals	Control 21 (%)	2500 ppm 24 (%)	5000 ppm 19 (%)	10000 ppm 30 (%)
skin/app	erosion		1 (5)	0 (0)	0 (0)	0 (0)
subcutis	edema		4 (19)	3 (13)	5 (26)	7 (23)
	mass		3 (14)	3 (13)	1 (5)	2 (7)
lung	red zone		1 (5)	0 (0)	1 (5)	1 (3)
	nodule		1 (5)	1 (4)	0 (0)	2 (7)
lymph node	enlarged		4 (19)	8 (33)	7 (37)	10 (33)
spleen	enlarged		7 (33)	6 (25)	7 (37)	11 (37)
	white zone		0 (0)	0 (0)	0 (0)	1 (3)
liver	enlarged		4 (19)	4 (17)	0 (0)	2 (7)
	white zone		6 (29)	9 (38)	4 (21)	7 (23)
	red zone		1 (5)	0 (0)	0 (0)	1 (3)
	nodule		1 (5)	3 (13)	2 (11)	3 (10)
pancreas	red		0 (0)	0 (0)	0 (0)	1 (3)
kidney	pale		1 (5)	0 (0)	0 (0)	0 (0)
	nodule		0 (0)	0 (0)	0 (0)	1 (3)
	hydronephrosis		3 (14)	2 (8)	1 (5)	2 (7)
urin bladd	urine marked retention		2 (10)	2 (8)	0 (0)	1 (3)
pituitary	enlarged		1 (5)	1 (4)	1 (5)	1 (3)
	red zone		1 (5)	1 (4)	0 (0)	0 (0)
	nodule		1 (5)	1 (4)	0 (0)	2 (7)
thyroid	enlarged		0 (0)	0 (0)	0 (0)	1 (3)
ovary	enlarged		3 (14)	6 (25)	5 (26)	5 (17)

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 5

Organ	Findings	Group Name NO. of Animals	Control 21 (%)	2500 ppm 24 (%)	5000 ppm 19 (%)	10000 ppm 30 (%)
ovary	cyst		1 (5)	0 (0)	2 (11)	0 (0)
uterus	enlarged		0 (0)	1 (4)	0 (0)	0 (0)
	nodule		7 (33)	9 (38)	6 (32)	10 (33)
vagina	nodule		0 (0)	0 (0)	0 (0)	1 (3)
brain	red zone		1 (5)	0 (0)	1 (5)	0 (0)
eye	turbid		0 (0)	0 (0)	1 (5)	0 (0)
Harder gl	enlarged		1 (5)	0 (0)	0 (0)	0 (0)
	nodule		0 (0)	0 (0)	0 (0)	1 (3)
mediastinum	mass		2 (10)	1 (4)	3 (16)	3 (10)
peritoneum	mass		0 (0)	0 (0)	0 (0)	1 (3)
	thick		0 (0)	1 (4)	0 (0)	2 (7)
retroperit	nodule		0 (0)	1 (4)	0 (0)	0 (0)
	mass		1 (5)	0 (0)	0 (0)	1 (3)
abdominal c	hemorrhage		0 (0)	1 (4)	4 (21)	4 (13)
	ascites		8 (38)	9 (38)	5 (26)	10 (33)
thoracic ca	pleural fluid		10 (48)	10 (42)	9 (47)	13 (43)
other	scab		0 (0)	1 (4)	0 (0)	0 (0)
	ear:nodule		1 (5)	1 (4)	0 (0)	0 (0)
whole body	anemic		1 (5)	0 (0)	0 (0)	1 (3)

TABLE J 6

GROSS FINDINGS: FEMALE: SACRIFICED ANIMALS

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

GROSS FINDINGS (SUMMARY)
 SACRIFICED ANIMALS (105W)

PAGE : 3

Organ	Findings	Group Name NO. of Animals	Control 29 (%)	2500 ppm 26 (%)	5000 ppm 31 (%)	10000 ppm 20 (%)
skin/app	nodule		1 (3)	0 (0)	1 (3)	0 (0)
subcutis	mass		0 (0)	2 (8)	0 (0)	1 (5)
lung	white zone		0 (0)	1 (4)	0 (0)	0 (0)
	nodule		1 (3)	2 (8)	0 (0)	1 (5)
lymph node	enlarged		3 (10)	5 (19)	6 (19)	4 (20)
spleen	enlarged		3 (10)	3 (12)	3 (10)	1 (5)
	nodule		1 (3)	0 (0)	0 (0)	1 (5)
	deformed		0 (0)	0 (0)	1 (3)	0 (0)
	accentuation of white pulp		1 (3)	0 (0)	0 (0)	0 (0)
salivary gl	nodule		1 (3)	0 (0)	0 (0)	0 (0)
forestomach	nodule		0 (0)	1 (4)	0 (0)	0 (0)
gl stomach	ulcer		1 (3)	0 (0)	0 (0)	0 (0)
liver	white zone		1 (3)	0 (0)	0 (0)	0 (0)
	red zone		5 (17)	4 (15)	3 (10)	0 (0)
	nodule		4 (14)	1 (4)	7 (23)	1 (5)
kidney	white		0 (0)	1 (4)	0 (0)	0 (0)
	nodule		0 (0)	1 (4)	1 (3)	0 (0)
	hydronephrosis		1 (3)	2 (8)	1 (3)	3 (15)
pituitary	enlarged		1 (3)	3 (12)	1 (3)	1 (5)
	red zone		0 (0)	2 (8)	1 (3)	1 (5)
	nodule		4 (14)	1 (4)	2 (6)	0 (0)
ovary	enlarged		0 (0)	1 (4)	3 (10)	0 (0)

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

GROSS FINDINGS (SUMMARY)
SACRIFICED ANIMALS (105W)

PAGE : 4

Organ	Findings	Group Name NO. of Animals	Control 29 (%)	2500 ppm 26 (%)	5000 ppm 31 (%)	10000 ppm 20 (%)
ovary	cyst		3 (10)	2 (8)	3 (10)	2 (10)
uterus	nodule		2 (7)	5 (19)	3 (10)	4 (20)
	dilated lumen		0 (0)	0 (0)	1 (3)	0 (0)
periph nerv	nodule		0 (0)	0 (0)	0 (0)	1 (5)
eye	turbid		0 (0)	0 (0)	0 (0)	1 (5)
Harder gl	enlarged		0 (0)	0 (0)	0 (0)	1 (5)
	nodule		2 (7)	0 (0)	0 (0)	1 (5)
bone	nodule		0 (0)	1 (4)	0 (0)	0 (0)
abdominal c	ascites		1 (3)	3 (12)	2 (6)	3 (15)
thoracic ca	pleural fluid		2 (7)	2 (8)	2 (6)	1 (5)
other	tail:nodule		0 (0)	1 (4)	0 (0)	0 (0)

(HPT080)

BAIS 4

TABLE K 1

ORGAN WEIGHT, ABSOLUTE: MALE

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (105W)

PAGE : 1

Group Name	NO. of Animals	Body Weight	ADRENALS		TESTES		HEART		LUNGS		KIDNEYS	
Control	35	41.4± 8.0	0.011±	0.002	0.200±	0.035	0.224±	0.018	0.212±	0.069	0.648±	0.047
5000 ppm	32	44.4± 7.4	0.010±	0.002	0.223±	0.033	0.221±	0.022	0.199±	0.057	0.695±	0.175
10000 ppm	36	44.0± 5.1	0.010±	0.002	0.216±	0.037	0.221±	0.025	0.202±	0.030	0.786±	0.576
20000 ppm	40	44.0± 6.8	0.010±	0.002	0.209±	0.042	0.219±	0.019	0.216±	0.141	0.665±	0.061

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

Test of Dunnett

(HCL040)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (105W)

PAGE : 2

Group Name	NO. of Animals	SPLEEN		LIVER		BRAIN	
Control	35	0.162±	0.255	1.688±	0.721	0.452±	0.017
5000 ppm	32	0.114±	0.079	1.806±	1.050	0.455±	0.017
10000 ppm	36	0.120±	0.092	1.812±	0.562	0.454±	0.015
20000 ppm	40	0.095±	0.078	1.585±	0.279	0.452±	0.022

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

Test of Dunnett

(HCL040)

BAIS 4

TABLE K 2

ORGAN WEIGHT, ABSOLUTE: FEMALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE
 UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
 SURVIVAL ANIMALS (105W)

PAGE : 3

Group Name	NO. of Animals	Body Weight	ADRENALS	OVARIES	HEART	LUNGS	KIDNEYS
Control	28	32.9± 5.9	0.014± 0.003	0.049± 0.094	0.182± 0.032	0.205± 0.057	0.470± 0.169
2500 ppm	25	30.6± 3.4	0.015± 0.003	0.041± 0.044	0.178± 0.031	0.215± 0.067	0.562± 0.269
5000 ppm	31	31.4± 4.8	0.014± 0.003	0.200± 0.659	0.176± 0.022	0.193± 0.023	0.552± 0.514
10000 ppm	19	28.9± 3.9	0.013± 0.001	0.105± 0.243	0.164± 0.014	0.198± 0.040	0.475± 0.145

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

Test of Dunnett

(HCL040)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (105W)

PAGE : 4

Group Name	NO. of Animals	SPLEEN		LIVER		BRAIN	
Control	28	0.307±	0.648	1.642±	0.607	0.473±	0.018
2500 ppm	25	0.296±	0.363	1.577±	0.406	0.481±	0.018
5000 ppm	31	0.223±	0.159	1.430±	0.200	0.470±	0.018
10000 ppm	19	0.172±	0.116	1.367±	0.254	0.472±	0.021

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

Test of Dunnett

(HCL040)

BAIS 4

TABLE L 1

ORGAN WEIGHT, RELATIVE: MALE

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (105W)

PAGE : 1

Group Name	NO. of Animals	Body Weight (g)	ADRENALS	TESTES	HEART	LUNGS	KIDNEYS
Control	35	41.4± 8.0	0.027± 0.009	0.499± 0.127	0.563± 0.128	0.535± 0.207	1.630± 0.374
5000 ppm	32	44.4± 7.4	0.024± 0.008	0.514± 0.104	0.513± 0.107	0.464± 0.181	1.638± 0.651
10000 ppm	36	44.0± 5.1	0.022± 0.005	0.495± 0.092	0.510± 0.080	0.466± 0.094	1.851± 1.554
20000 ppm	40	44.0± 6.8	0.024± 0.008	0.483± 0.101	0.508± 0.075	0.534± 0.569	1.538± 0.201

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

Test of Dunnett

(HCL042)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (105W)

PAGE : 2

Group Name	NO. of Animals	SPLEEN	LIVER	BRAIN
Control	35	0.448 ± 0.789	4.195 ± 1.960	1.138 ± 0.262
5000 ppm	32	0.270 ± 0.229	4.160 ± 2.405	1.057 ± 0.218
10000 ppm	36	0.286 ± 0.247	4.204 ± 1.523	1.047 ± 0.132
20000 ppm	40	0.214 ± 0.158	3.662 ± 0.809	1.053 ± 0.182

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

Test of Dunnett

(HCL042)

BAIS 4

TABLE L 2

ORGAN WEIGHT, RELATIVE: FEMALE

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (105W)

PAGE : 3

Group Name	NO. of Animals	Body Weight (g)	ADRENALS	OVARIES	HEART	LUNGS	KIDNEYS
Control	28	32.9± 5.9	0.044± 0.010	0.156± 0.316	0.565± 0.123	0.646± 0.227	1.465± 0.605
2500 ppm	25	30.6± 3.4	0.048± 0.012	0.136± 0.139	0.591± 0.140	0.714± 0.260	1.901± 1.133*
5000 ppm	31	31.4± 4.8	0.045± 0.011	0.662± 2.166	0.567± 0.085	0.622± 0.095	1.797± 1.713
10000 ppm	19	28.9± 3.9	0.047± 0.007	0.401± 0.994	0.572± 0.062	0.699± 0.173	1.669± 0.562*

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

Test of Dunnett

(HCL042)

BAIS 4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (105W)

PAGE : 4

Group Name	NO. of Animals	SPLEEN	LIVER	BRAIN
Control	28	0.965 ± 1.956	5.051 ± 1.810	1.481 ± 0.255
2500 ppm	25	1.001 ± 1.315	5.179 ± 1.269	1.588 ± 0.179
5000 ppm	31	0.727 ± 0.535	4.618 ± 0.762	1.525 ± 0.214
10000 ppm	19	0.609 ± 0.437	4.755 ± 0.821	1.652 ± 0.172*

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

Test of Dunnett

(HCL042)

BAIS 4

TABLE M 1

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

MALE: ALL ANIMALS

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

		Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ	Findings		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																		
skin/app			<50>				<50>				<50>				<50>			
	ulcer		0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(2)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	necrosis		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	scab		2	1	0	0	1	2	0	0	0	1	0	0	1	0	0	0
			(4)	(2)	(0)	(0)	(2)	(4)	(0)	(0)	(0)	(2)	(0)	(0)	(2)	(0)	(0)	(0)
{Respiratory system}																		
nasal cavit			<50>				<50>				<50>				<50>			
	eosinophilic change:olfactory epithelium		16	1	0	0	23	0	1	0	18	1	0	0	15	0	0	0
			(32)	(2)	(0)	(0)	(46)	(0)	(2)	(0)	(36)	(2)	(0)	(0)	(30)	(0)	(0)	(0)
	eosinophilic change:respiratory epithelium		16	3	0	0	9	0	1	0	10	0	0	0	12	0	0	0
			(32)	(6)	(0)	(0)	(18)	(0)	(2)	(0)	(20)	(0)	(0)	(0)	(24)	(0)	(0)	(0)
	respiratory metaplasia		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammation:foreign body		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

Organ_____	Findings_____	Group Name	Control				5000 ppm				10000 ppm				20000 ppm				
		No. of Animals on Study	50				50				50				50				
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
(Respiratory system)																			
nasal cavit			<50>				<50>				<50>				<50>				
	inflammation:respiratory epithelium		1	0	0	0	0	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)	(0)	(0)	
	respiratory metaplasia:olfactory epithelium		21	0	0	0	8	0	0	0	0 **	11	0	0	0	11	0	0	0
			(42)	(0)	(0)	(0)	(16)	(0)	(0)	(0)	(0)	(22)	(0)	(0)	(0)	(22)	(0)	(0)	(0)
	respiratory metaplasia:gland		24	0	0	0	13	1	0	0	19	1	0	0	19	1	0	0	
			(48)	(0)	(0)	(0)	(26)	(2)	(0)	(0)	(38)	(2)	(0)	(0)	(38)	(2)	(0)	(0)	
	squamous cell metaplasia:respiratory epithelium		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	
nasopharynx			<50>				<50>				<50>				<50>				
	eosinophilic change		1	1	0	0	1	0	1	0	1	0	0	0	1	0	0	0	
			(2)	(2)	(0)	(0)	(2)	(0)	(2)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	
lung			<50>				<50>				<50>				<50>				
	hemorrhage		0	0	0	0	1	2	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)	
	edema		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 3

Organ	Findings	Control No. of Animals on Study 50 Grade				5000 ppm 50				10000 ppm 50				20000 ppm 50			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																	
lung		<50>				<50>				<50>				<50>			
	inflammatory infiltration	0	0	0	0	1	0	0	0	2	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(4)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
	accumulation of foamy cells	1	0	0	0	0	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)	(0)	(0)
	bronchiolar-alveolar cell hyperplasia	0	0	0	0	0	0	0	0	2	0	0	0	2	1	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(2)	(0)	(0)
(Hematopoietic system)																	
bone marrow		<50>				<50>				<50>				<50>			
	congestion	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	increased hematopoiesis	6	0	0	0	6	0	0	0	7	0	0	0	6	0	0	0
		(12)	(0)	(0)	(0)	(12)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(12)	(0)	(0)	(0)
	myelofibrosis	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)
	megakaryocyte:increased	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 4

Organ	Findings	Control No. of Animals on Study 50 Grade				5000 ppm 50				10000 ppm 50				20000 ppm 50			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Hematopoietic system}																	
bone marrow		<50>				<50>				<50>				<50>			
	granulopoiesis:increased	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
lymph node		<50>				<50>				<50>				<50>			
	lymphadenitis	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(2)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
spleen		<50>				<50>				<50>				<50>			
	angiectasis	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
		<50>				<50>				<50>				<50>			
	deposit of melanin	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
		<50>				<50>				<50>				<50>			
	extramedullary hematopoiesis	10	6	0	0	12	10	0	0	15	6	0	0	10	5	0	0
		(20)	(12)	(0)	(0)	(24)	(20)	(0)	(0)	(30)	(12)	(0)	(0)	(20)	(10)	(0)	(0)
		<50>				<50>				<50>				<50>			
	follicular hyperplasia	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
{Circulatory system}																	
heart		<50>				<50>				<50>				<50>			
	mineralization	2	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0
		(4)	(0)	(0)	(0)	(4)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

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

b : Number of animals with lesion

(c) c : b / a * 100

Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 5

		Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	50				50				50				50			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Circulatory system)																		
heart	arteritis		<50>				<50>				<50>				<50>			
		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
artery/aort	arteritis		<50>				<50>				<50>				<50>			
		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(Digestive system)																		
tooth	dysplasia		<50>				<50>				<50>				<50>			
		1	0	0	0	0	0	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)	(0)	(0)	(0)
tongue	arteritis		<50>				<50>				<50>				<50>			
		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
salivary gl	abscess		<50>				<50>				<50>				<50>			
		1	0	0	0	0	0	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)	(0)	(0)	(0)
stomach	hyperplasia:forestomach		<50>				<50>				<50>				<50>			
		0	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0
		(0)	(2)	(2)	(0)	(2)	(2)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 6

Organ	Findings	Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
stomach			<50>				<50>				<50>				<50>			
	erosion:glandular stomach		3 (6)	1 (2)	0 (0)	0 (0)	8 (16)	0 (0)	0 (0)	0 (0)	8 (16)	0 (0)	0 (0)	0 (0)	7 (14)	0 (0)	0 (0)	0 (0)
	hyperplasia:glandular stomach		17 (34)	0 (0)	0 (0)	0 (0)	16 (32)	0 (0)	0 (0)	0 (0)	19 (38)	0 (0)	0 (0)	0 (0)	13 (26)	0 (0)	0 (0)	0 (0)
large intes			<50>				<50>				<50>				<50>			
	lymphoid hyperplasia		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)	0 (0)
liver			<50>				<50>				<50>				<50>			
	necrosis:focal		1 (2)	1 (2)	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 (0)	0 (0)
	fatty change:central		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	inflammatory infiltration		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	inflammatory cell nest		6 (12)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	1 (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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square																		

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 7

Organ	Findings	Control No. of Animals on Study Grade				5000 ppm 50				10000 ppm 50				20000 ppm 50			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																	
liver		<50>				<50>				<50>				<50>			
	clear cell focus	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	acidophilic cell focus	1	1	0	0	0	2	0	0	2	0	1	0	2	1	0	0
		(2)	(2)	(0)	(0)	(0)	(4)	(0)	(0)	(4)	(0)	(2)	(0)	(4)	(2)	(0)	(0)
	basophilic cell focus	1	0	0	0	2	0	0	0	0	1	0	0	3	0	0	0
		(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(6)	(0)	(0)	(0)
	bile duct hyperplasia	1	0	0	0	0	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)	(0)	(0)
	biliary cyst	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
gall bladd		<50>				<50>				<49>				<49>			
	cyst	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	hyperplasia	2	0	0	0	1	0	0	0	2	0	0	0	2	0	0	0
		(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
{Urinary system}																	
kidney		<50>				<50>				<50>				<50>			
	cyst	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 8

Organ_____	Findings_____	Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																		
kidney			<50>				<50>				<50>				<50>			
	hyaline droplet		2	0	0	0	3	0	0	0	1	0	0	0	5	0	0	0
			(4)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	inflammatory infiltration		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	lymphocytic infiltration		2	1	0	0	1	0	0	0	4	0	0	0	2	0	0	0
			(4)	(2)	(0)	(0)	(2)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	osseous metaplasia		1	0	0	0	0	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)	(0)	(0)	
	scar		2	1	0	0	3	1	0	0	1	0	0	0	1	0	0	0
			(4)	(2)	(0)	(0)	(6)	(2)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	inflammatory polyp		0	0	0	0	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)
	hydronephrosis		0	0	0	1	1	0	4	0	0	2	2	0	0	0	0	0
			(0)	(0)	(0)	(2)	(2)	(0)	(8)	(0)	(0)	(4)	(4)	(0)	(0)	(0)	(0)	(0)
	mineralization:cortex		3	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 9

Organ	Findings	Control No. of Animals on Study 50 Grade				5000 ppm 50				10000 ppm 50				20000 ppm 50			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																	
kidney		<50>				<50>				<50>				<50>			
	regeneration:proximal tubule	2	1	0	0	2	0	0	0	2	0	0	0	3	0	0	0
		(4)	(2)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(6)	(0)	(0)	(0)
urin bladd		<50>				<50>				<50>				<50>			
	dilatation	0	2	1	0	0	0	1	0	1	0	0	0	0	0	0	0
		(0)	(4)	(2)	(0)	(0)	(0)	(2)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	lymphocytic infiltration	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
urethra		<50>				<50>				<50>				<50>			
	inflammation	0	1	0	0	0	0	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)	(0)
{Endocrine system}																	
pituitary		<50>				<50>				<50>				<50>			
	hyperplasia	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	Rathke pouch	0	0	0	0	4	0	0	0	3	0	0	0	2	0	0	0
		(0)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(4)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 10

Organ_____	Findings_____	Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}																		
thyroid	cyst		<50>				<50>				<50>				<50>			
		0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
	follicular hyperplasia	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	
	C-cell hyperplasia	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
		(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
parathyroid	cyst		<50>				<50>				<50>				<50>			
		0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	
adrenal	spindle-cell hyperplasia		<50>				<50>				<50>				<50>			
		3	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	
		(6)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
	hyperplasia:cortical cell	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(2)	(0)	(0)	
{Reproductive system}																		
testis	atrophy		<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 11

Organ	Findings	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study				No. of Animals on Study				No. of Animals on Study				No. of Animals on Study			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																	
testis		<50>				<50>				<50>				<50>			
	xanthogranuloma	0	0	1	0	0	0	0	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)
epididymis		<50>				<50>				<50>				<50>			
	inflammatory infiltration	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0
		(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	spermatogenic granuloma	0	0	0	0	1	0	0	0	1	1	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(2)	(0)	(0)	(2)	(0)	(0)	(0)
		<50>				<50>				<50>				<50>			
	xanthogranuloma	0	0	1	0	0	0	0	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)
		<50>				<50>				<50>				<50>			
semin ves	inflammation	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
prostate		<50>				<50>				<50>				<50>			
	lymphocytic infiltration	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
		<50>				<50>				<50>				<50>			
	hyperplasia	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(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 : * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 12

		Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	50				50				50				50			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Reproductive system)																		
prep/cli gl			<50>				<50>				<50>				<50>			
	cyst		0	0	1	0	2	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(2)	(0)	(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(Nervous system)																		
brain			<50>				<50>				<50>				<50>			
	hemorrhage		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)	(0)	(0)	(0)	(0)	(2)	(0)
	mineralization		16	0	0	0	15	0	0	0	9	0	0	0	17	0	0	0
			(32)	(0)	(0)	(0)	(30)	(0)	(0)	(0)	(18)	(0)	(0)	(0)	(34)	(0)	(0)	(0)
	epidermal cyst		0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)
spinal cord			<50>				<50>				<50>				<50>			
	hemorrhage		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	necrosis:focal		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 13

		Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ	Findings		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Special sense organs/appendage}																		
Harder gl			<50>				<50>				<50>				<50>			
	hyperplasia		1 (2)	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)
{Musculoskeletal system}																		
muscle			<50>				<50>				<50>				<50>			
	necrosis		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)
			<50>				<50>				<50>				<50>			
	mineralization		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)	0 (0)
{Body cavities}																		
pleura			<50>				<50>				<50>				<50>			
	pleuritis		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)	0 (0)
retroperit			<50>				<50>				<50>				<50>			
	hemorrhage		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)

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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

TABLE M 2

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

MALE: DEAD AND MORIBUND ANIMALS

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

		Group Name No. of Animals on Study Grade	Control 15				5000 ppm 17				10000 ppm 14				20000 ppm 9			
Organ	Findings		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Integumentary system/appandage)																		
skin/app			<15>				<17>				<14>				< 9>			
	necrosis		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	scab		1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			(7)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(Respiratory system)																		
nasal cavit			<15>				<17>				<14>				< 9>			
	eosinophilic change:olfactory epithelium		3	0	0	0	2	0	1	0	4	0	0	0	2	0	0	0
			(20)	(0)	(0)	(0)	(12)	(0)	(6)	(0)	(29)	(0)	(0)	(0)	(22)	(0)	(0)	(0)
	eosinophilic change:respiratory epithelium		3	0	0	0	2	0	1	0	2	0	0	0	2	0	0	0
			(20)	(0)	(0)	(0)	(12)	(0)	(6)	(0)	(14)	(0)	(0)	(0)	(22)	(0)	(0)	(0)
	respiratory metaplasia		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammation:foreign body		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammation:respiratory epithelium		1	0	0	0	0	0	0	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)

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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name No. of Animals on Study Grade	Control 15				5000 ppm 17				10000 ppm 14				20000 ppm 9			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																		
nasal cavit	respiratory metaplasia:olfactory epithelium		<15>				<17>				<14>				< 9>			
			7	0	0	0	1	0	0	0 *	5	0	0	0	1	0	0	0
			(47)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(36)	(0)	(0)	(0)	(11)	(0)	(0)	(0)
	respiratory metaplasia:gland		<15>				<17>				<14>				< 9>			
			4	0	0	0	2	0	0	0	5	0	0	0	3	0	0	0
			(27)	(0)	(0)	(0)	(12)	(0)	(0)	(0)	(36)	(0)	(0)	(0)	(33)	(0)	(0)	(0)
nasopharynx	eosinophilic change		<15>				<17>				<14>				< 9>			
			0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
lung	hemorrhage		<15>				<17>				<14>				< 9>			
			0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(6)	(12)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	edema		<15>				<17>				<14>				< 9>			
			0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory infiltration		<15>				<17>				<14>				< 9>			
			0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	bronchiolar-alveolar cell hyperplasia		<15>				<17>				<14>				< 9>			
			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)	(0)	(0)	(0)	(0)	(11)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 3

Organ	Findings	Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	15				17				14				9			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

(Hematopoietic system)																					
bone marrow		<15>					<17>					<14>					< 9>				
	increased hematopoiesis	3	0	0	0	0	3	0	0	0	0	3	0	0	0	0	4	0	0	0	0
		(20)	(0)	(0)	(0)	(0)	(18)	(0)	(0)	(0)	(0)	(21)	(0)	(0)	(0)	(0)	(44)	(0)	(0)	(0)	(0)
lymph node		<15>					<17>					<14>					< 9>				
	lymphadenitis	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
spleen		<15>					<17>					<14>					< 9>				
	extramedullary hematopoiesis	2	4	0	0	0	5	7	0	0	0	4	4	0	0	0	0	3	0	0	0
		(13)	(27)	(0)	(0)	(0)	(29)	(41)	(0)	(0)	(0)	(29)	(29)	(0)	(0)	(0)	(0)	(33)	(0)	(0)	(0)

(Circulatory system)																					
heart		<15>					<17>					<14>					< 9>				
	mineralization	2	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		(13)	(0)	(0)	(0)	(0)	(12)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
		<15>					<17>					<14>					< 9>				
	arteritis	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
artery/aort		<15>					<17>					<14>					< 9>				
	arteritis	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference ; * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 4

Organ_____	Findings_____	Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	15				17				14				9			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
tongue	arteritis		<15>				<17>				<14>				< 9>			
		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
stomach	hyperplasia:forestomach		<15>				<17>				<14>				< 9>			
		0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(7)	(0)	(6)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	erosion:glandular stomach		1	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
		(7)	(0)	(0)	(0)	(18)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia:glandular stomach		1	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
			(7)	(0)	(0)	(0)	(24)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
liver	necrosis:focal		<15>				<17>				<14>				< 9>			
		1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(7)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	fatty change:central		0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory cell nest		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(13)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
 < a > a : Number of animals examined at the site
 b b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 5

		Group Name No. of Animals on Study Grade	Control 15				5000 ppm 17				10000 ppm 14				20000 ppm 9			
Organ	Findings		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
liver			<15>				<17>				<14>				< 9>			
	acidophilic cell focus		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	bile duct hyperplasia		1	0	0	0	0	0	0	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)
{Urinary system}																		
kidney			<15>				<17>				<14>				< 9>			
	hyaline droplet		2	0	0	0	2	0	0	0	1	0	0	0	4	0	0	0
			(13)	(0)	(0)	(0)	(12)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(44)	(0)	(0)	(0)
	scar		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hydronephrosis		0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(7)	(6)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
	mineralization:cortex		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			(13)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
	regeneration:proximal tubule		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
			(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 6

Organ	Findings	Group Name No. of Animals on Study Grade				Control 15				5000 ppm 17				10000 ppm 14				20000 ppm 9			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																					
urin bladd	dilatation	<15>				<17>				<14>				< 9>							
		0	2	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(13)	(7)	(0)	(0)	(0)	(6)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
urethra	inflammation	<15>				<17>				<14>				< 9>							
		0	1	0	0	0	0	0	0	0	0	0	0	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)
{Endocrine system}																					
pituitary	Rathke pouch	<15>				<17>				<14>				< 9>							
		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
thyroid	cyst	<15>				<17>				<14>				< 9>							
		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	follicular hyperplasia	1	0	0	0	0	0	0	0	0	0	0	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)	(0)
parathyroid	cyst	<15>				<17>				<14>				< 9>							
		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
< a > a : Number of animals examined at the site
b : Number of animals with lesion
(c) c : b / a * 100
Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
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 SEX : MALE

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

PAGE : 7

Organ_____	Findings_____	Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	15				17				14				9			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}																		
adrenal			<15>				<17>				<14>				< 9>			
	spindle-cell hyperplasia		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(13)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Reproductive system}																		
testis			<15>				<17>				<14>				< 9>			
	atrophy		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	xanthogranuloma		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
epididymis			<15>				<17>				<14>				< 9>			
	spermatogenic granuloma		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)
	xanthogranuloma		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
prep/cli gl			<15>				<17>				<14>				< 9>			
	cyst		0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(7)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 8

		Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	15				17				14				9			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ	Findings		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Nervous system)																		
brain			<15>				<17>				<14>				< 9>			
	hemorrhage		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)	(0)	(0)	(0)	(0)	(11)	(0)
	mineralization		3	0	0	0	2	0	0	0	3	0	0	0	2	0	0	0
			(20)	(0)	(0)	(0)	(12)	(0)	(0)	(0)	(21)	(0)	(0)	(0)	(22)	(0)	(0)	(0)
	epidermal cyst		0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
			(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(11)	(0)	(0)
spinal cord			<15>				<17>				<14>				< 9>			
	hemorrhage		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(11)	(0)	(0)	(0)
	necrosis:focal		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(Musculoskeletal system)																		
muscle			<15>				<17>				<14>				< 9>			
	necrosis		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(6)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 9

Organ	Findings	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study				No. of Animals on Study				No. of Animals on Study				No. of Animals on Study			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Musculoskeletal system}																	
muscle		<15>				<17>				<14>				< 9>			
	mineralization	1	0	0	0	0	0	0	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)
{Body cavities}																	
pleura		<15>				<17>				<14>				< 9>			
	pleuritis	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
retroperit		<15>				<17>				<14>				< 9>			
	hemorrhage	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

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

b b : Number of animals with lesion

(c) c : b / a * 100

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

(HPT150)

BAIS4

TABLE M 3

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

MALE: SACRIFICED ANIMALS

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

Organ	Findings	Control No. of Animals on Study Grade				5000 ppm 33				10000 ppm 36				20000 ppm 41			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																	
skin/app		<35>				<33>				<36>				<41>			
	ulcer	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(3)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	scab	1	1	0	0	1	1	0	0	0	1	0	0	1	0	0	0
		(3)	(3)	(0)	(0)	(3)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(2)	(0)	(0)	(0)
{Respiratory system}																	
nasal cavit		<35>				<33>				<36>				<41>			
	eosinophilic change:olfactory epithelium	13	1	0	0	21	0	0	0	14	1	0	0	13	0	0	0
		(37)	(3)	(0)	(0)	(64)	(0)	(0)	(0)	(39)	(3)	(0)	(0)	(32)	(0)	(0)	(0)
	eosinophilic change:respiratory epithelium	13	3	0	0	7	0	0	0	8	0	0	0	10	0	0	0
		(37)	(9)	(0)	(0)	(21)	(0)	(0)	(0)	(22)	(0)	(0)	(0)	(24)	(0)	(0)	(0)
	respiratory metaplasia:olfactory epithelium	14	0	0	0	7	0	0	0	6	0	0	0	10	0	0	0
		(40)	(0)	(0)	(0)	(21)	(0)	(0)	(0)	(17)	(0)	(0)	(0)	(24)	(0)	(0)	(0)
	respiratory metaplasia:gland	20	0	0	0	11	1	0	0	14	1	0	0	16	1	0	0
		(57)	(0)	(0)	(0)	(33)	(3)	(0)	(0)	(39)	(3)	(0)	(0)	(39)	(2)	(0)	(0)
	squamous cell metaplasia:respiratory epithelium	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square /

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

		Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	35				33				36				41			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
nasopharynx			<35>				<33>				<36>				<41>			
	eosinophilic change		1	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0
			(3)	(3)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
lung			<35>				<33>				<36>				<41>			
	inflammatory infiltration		0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(3)	(0)	(0)	(0)	(0)	(0)	(0)
	accumulation of foamy cells		1	0	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)	(0)	(0)	(0)	(0)
	bronchiolar-alveolar cell hyperplasia		0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
{Hematopoietic system}																		
bone marrow			<35>				<33>				<36>				<41>			
	congestion		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	increased hematopoiesis		3	0	0	0	3	0	0	0	4	0	0	0	2	0	0	0
			(9)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(5)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 3

Organ	Findings	Control No. of Animals on Study Grade				5000 ppm 33				10000 ppm 36				20000 ppm 41			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Hematopoietic system}																	
bone marrow		<35>				<33>				<36>				<41>			
	myelofibrosis	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)
	megakaryocyte:increased	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	granulopoiesis:increased	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
lymph node		<35>				<33>				<36>				<41>			
	lymphadenitis	0	1	0	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)	(0)	(0)	(0)
spleen		<35>				<33>				<36>				<41>			
	angiectasis	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	deposit of melanin	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
	extramedullary hematopoiesis	8	2	0	0	7	3	0	0	11	2	0	0	10	2	0	0
		(23)	(6)	(0)	(0)	(21)	(9)	(0)	(0)	(31)	(6)	(0)	(0)	(24)	(5)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 4

Organ	Findings	Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	35				33				36				41			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
spleen			<35>				<33>				<36>				<41>			
	follicular hyperplasia		0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)
(Digestive system)																		
tooth			<35>				<33>				<36>				<41>			
	dysplasia		1	0	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)	(0)	(0)	(0)	(0)
salivary gl			<35>				<33>				<36>				<41>			
	abscess		1	0	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)	(0)	(0)	(0)	(0)
stomach			<35>				<33>				<36>				<41>			
	hyperplasia:forestomach		0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
				(0)	(3)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	erosion:glandular stomach		2	1	0	0	5	0	0	0	7	0	0	0	7	0	0	0
			(6)	(3)	(0)	(0)	(15)	(0)	(0)	(0)	(19)	(0)	(0)	(0)	(17)	(0)	(0)	(0)
	hyperplasia:glandular stomach		16	0	0	0	12	0	0	0	17	0	0	0	13	0	0	0
			(46)	(0)	(0)	(0)	(36)	(0)	(0)	(0)	(47)	(0)	(0)	(0)	(32)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square																		

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 5

Organ	Findings	Group Name No. of Animals on Study Grade				Control 35				5000 ppm 33				10000 ppm 36				20000 ppm 41			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																					
large intes		<35>				<33>				<36>				<41>							
	lymphoid hyperplasia	0	1	0	0	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)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
liver		<35>				<33>				<36>				<41>							
	necrosis:focal	0	0	0	0	1	0	0	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)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory infiltration	0	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)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory cell nest	4	0	0	0	3	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0
		(11)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	clear cell focus	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	acidophilic cell focus	1	1	0	0	0	1	0	0	2	0	1	0	2	0	1	0	2	1	0	0
		(3)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(6)	(0)	(3)	(0)	(5)	(2)	(0)	(0)	(5)	(2)	(0)	(0)
	basophilic cell focus	1	0	0	0	2	0	0	0	0	1	0	0	3	0	0	0	3	0	0	0
		(3)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(7)	(0)	(0)	(0)	(7)	(0)	(0)	(0)
	biliary cyst	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 6

Organ_____	Findings_____	Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	35				33				36				41			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
gall bladd			<35>				<33>				<36>				<41>			
	cyst		0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	hyperplasia		2	0	0	0	1	0	0	0	2	0	0	0	2	0	0	0
			(6)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
{Urinary system}																		
kidney			<35>				<33>				<36>				<41>			
	cyst		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	
	hyaline droplet		0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	
			(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	
	inflammatory infiltration		1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	
	lymphocytic infiltration		2	1	0	0	1	0	0	0	4	0	0	0	2	0	0	0
			(6)	(3)	(0)	(0)	(3)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
	osseous metaplasia		1	0	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)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 7

Organ	Findings	Control No. of Animals on Study Grade				5000 ppm 33				10000 ppm 36				20000 ppm 41			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																	
kidney		<35>				<33>				<36>				<41>			
	scar	2	1	0	0	2	1	0	0	1	0	0	0	1	0	0	0
		(6)	(3)	(0)	(0)	(6)	(3)	(0)	(0)	(3)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	inflammatory polyp	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)
	hydronephrosis	0	0	0	0	0	0	3	0	0	2	2	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(9)	(0)	(0)	(6)	(6)	(0)	(0)	(0)	(0)	(0)
	mineralization:cortex	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
		(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	regeneration:proximal tubule	2	0	0	0	2	0	0	0	2	0	0	0	3	0	0	0
		(6)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(7)	(0)	(0)	(0)
urin bladd		<35>				<33>				<36>				<41>			
	lymphocytic infiltration	0	0	0	0	1	0	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)
(Endocrine system)																	
pituitary		<35>				<33>				<36>				<41>			
	hyperplasia	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 8

		Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	35				33				36				41			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ_____	Findings_____		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
<hr/>																		
{Endocrine system}																		
pituitary			<35>				<33>				<36>				<41>			
	Rathke pouch		0	0	0	0	3	0	0	0	3	0	0	0	2	0	0	0
			(0)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
thyroid			<35>				<33>				<36>				<41>			
	cyst		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	follicular hyperplasia		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)
	C-cell hyperplasia		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
parathyroid			<35>				<33>				<36>				<41>			
	cyst		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
adrenal			<35>				<33>				<36>				<41>			
	spindle-cell hyperplasia		1	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia:cortical cell		0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0
			(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 9

Organ	Findings	Control No. of Animals on Study Grade				5000 ppm 33				10000 ppm 36				20000 ppm 41			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																	
testis		<35>				<33>				<36>				<41>			
	atrophy	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
epididymis		<35>				<33>				<36>				<41>			
	inflammatory infiltration	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0
		(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
	spermatogenic granuloma	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
semin ves		<35>				<33>				<36>				<41>			
	inflammation	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
prostate		<35>				<33>				<36>				<41>			
	lymphocytic infiltration	0	0	0	0	1	0	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)
	hyperplasia	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
prep/cli gl		<35>				<33>				<36>				<41>			
	cyst	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(3)	(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
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 10

		Group Name	Control				5000 ppm				10000 ppm				20000 ppm			
		No. of Animals on Study	35				33				36				41			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ_____	Findings_____		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Nervous system}																		
brain			<35>				<33>				<36>				<41>			
	mineralization		13	0	0	0	13	0	0	0	6	0	0	0	15	0	0	0
			(37)	(0)	(0)	(0)	(39)	(0)	(0)	(0)	(17)	(0)	(0)	(0)	(37)	(0)	(0)	(0)
{Special sense organs/appendage}																		
Harder gl			<35>				<33>				<36>				<41>			
	hyperplasia		1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(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
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference ; * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Chi Square

(HPT150)

BAIS4

TABLE M 4

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

FEMALE: ALL ANIMALS

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 14

		Group Name	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study	50				50				50				50			
Organ_____	Findings_____	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																		
skin/app	ulcer		<50>				<50>				<50>				<50>			
		1	0	0	0	0	0	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)	(0)	(0)	(0)
scab		0	0	0	0	0	2	0	0	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)	(0)	(0)
sebaceous hyperplasia		1	0	0	0	0	0	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)	(0)	(0)	(0)	(0)
subcutis	hemorrhage		<50>				<50>				<50>				<50>			
		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
inflammation		0	0	1	0	0	0	0	0	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)	(0)	(0)
{Respiratory system}																		
nasal cavit	exudate		<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDFl]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 15

		Group Name	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study	50				50				50				50			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
nasal cavit			<50>				<50>				<50>				<50>			
	inflammatory infiltration		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	eosinophilic change:olfactory epithelium		15	1	0	0	10	1	0	0	9	0	0	0	9	0	0	0
			(30)	(2)	(0)	(0)	(20)	(2)	(0)	(0)	(18)	(0)	(0)	(0)	(18)	(0)	(0)	(0)
	eosinophilic change:respiratory epithelium		26	8	0	0	28	3	0	0	35	2	0	0	33	1	0	0 *
			(52)	(16)	(0)	(0)	(56)	(6)	(0)	(0)	(70)	(4)	(0)	(0)	(66)	(2)	(0)	(0)
	inflammation:respiratory epithelium		2	0	0	0	0	0	0	0	6	0	0	0	2	0	0	0
			(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(12)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	respiratory metaplasia:olfactory epithelium		15	0	0	0	6	0	0	0 *	11	0	0	0	10	0	0	0
			(30)	(0)	(0)	(0)	(12)	(0)	(0)	(0)	(22)	(0)	(0)	(0)	(20)	(0)	(0)	(0)
	respiratory metaplasia:gland		22	1	0	0	22	0	0	0	18	2	0	0	21	0	0	0
			(44)	(2)	(0)	(0)	(44)	(0)	(0)	(0)	(36)	(4)	(0)	(0)	(42)	(0)	(0)	(0)
	squamous cell metaplasia:respiratory epithelium		1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
			(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
nasopharynx			<50>				<50>				<50>				<50>			
	eosinophilic change		9	2	0	0	4	1	0	0	3	1	0	0	2	0	0	0 *
			(18)	(4)	(0)	(0)	(8)	(2)	(0)	(0)	(6)	(2)	(0)	(0)	(4)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 16

Organ	Findings	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study				No. of Animals on Study				No. of Animals on Study				No. of Animals on Study			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																	
lung		<50>				<50>				<50>				<50>			
	inflammatory infiltration	1	0	0	0	2	0	0	0	1	0	0	0	2	0	0	0
		(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	lymphocytic infiltration	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	bronchiolar-alveolar cell hyperplasia	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	arteritis	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(Hematopoietic system)																	
bone marrow		<50>				<50>				<50>				<50>			
	increased hematopoiesis	5	0	0	0	9	0	0	0	6	0	0	0	5	0	0	0
		(10)	(0)	(0)	(0)	(18)	(0)	(0)	(0)	(12)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	myelofibrosis	1	0	0	0	0	1	0	0	2	0	0	0	2	0	0	0
		(2)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	megakaryocyte:increased	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 17

Organ	Findings	Control No. of Animals on Study Grade				2500 ppm 50				5000 ppm 50				10000 ppm 50			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																	
spleen		<50>				<50>				<50>				<50>			
	fibrosis:focal	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)	(0)	(0)	(0)	(0)	(2)	(0)
	extramedullary hematopoiesis	12	4	2	0	10	10	1	0	11	7	0	0	8	5	0	0
		(24)	(8)	(4)	(0)	(20)	(20)	(2)	(0)	(22)	(14)	(0)	(0)	(16)	(10)	(0)	(0)
	follicular hyperplasia	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		(2)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(Circulatory system)																	
heart		<50>				<50>				<50>				<50>			
	thrombus	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0
		(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
	mineralization	1	0	0	0	1	0	0	0	0	0	0	0	5	0	0	0
		(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	inflammatory cell nest	0	0	0	0	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)
	myocardial fibrosis	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 18

Organ	Findings	Group Name No. of Animals on Study Grade	Control 50				2500 ppm 50				5000 ppm 50				10000 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Circulatory system)																		
heart	arteritis		<50>				<50>				<50>				<50>			
			0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(2)	(0)	(0)
artery/aort	arteritis		<50>				<50>				<50>				<50>			
			0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)
(Digestive system)																		
tongue	arteritis		<50>				<50>				<50>				<50>			
			1	0	0	0	1	0	0	0	1	0	0	0	2	0	0	0
			(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
salivary gl	lymphocytic infiltration		<50>				<49>				<50>				<50>			
			1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
stomach	ulcer:forestomach		<50>				<50>				<50>				<50>			
			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)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia:forestomach		1	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(8)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 19

Organ	Findings	Control No. of Animals on Study Grade				2500 ppm 50				5000 ppm 50				10000 ppm 50			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																	
stomach		<50>				<50>				<50>				<50>			
	erosion:glandular stomach	5	2	0	0	1	0	0	0	7	0	0	0	2	0	0	0
		(10)	(4)	(0)	(0)	(2)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	ulcer:glandular stomach	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia:glandular stomach	15	0	0	0	16	0	0	0	12	0	0	0	8	0	0	0
		(30)	(0)	(0)	(0)	(32)	(0)	(0)	(0)	(24)	(0)	(0)	(0)	(16)	(0)	(0)	(0)
liver		<50>				<50>				<50>				<50>			
	angiectasis	0	1	1	0	0	0	0	0	4	0	0	0	1	0	0	0
		(0)	(2)	(2)	(0)	(0)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	necrosis:central	0	1	0	0	0	0	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)	(0)
	necrosis:focal	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory infiltration	1	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
		(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory cell nest	11	0	0	0	7	0	0	0	12	0	0	0	8	0	0	0
		(22)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(24)	(0)	(0)	(0)	(16)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square																	

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 20

Organ_____	Findings_____	Group Name	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
liver			<50>				<50>				<50>				<50>			
	extramedullary hematopoiesis		0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	clear cell focus		0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(2)	(2)	(0)	(0)
	acidophilic cell focus		0	2	0	0	0	0	0	0	3	0	0	0	1	1	0	0
			(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(2)	(2)	(0)	(0)
	basophilic cell focus		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
	biliary cyst		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
gall bladd			<49>				<48>				<50>				<50>			
	hyperplasia		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
pancreas			<50>				<50>				<50>				<50>			
	fibrosis:focal		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)	(0)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 21

Organ	Findings	Control No. of Animals on Study Grade				2500 ppm 50				5000 ppm 50				10000 ppm 50			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																	
kidney		<50>				<50>				<50>				<50>			
	cyst	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hyaline droplet	7	0	0	0	14	0	0	0	5	0	0	0	14	0	0	0
		(14)	(0)	(0)	(0)	(28)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(28)	(0)	(0)	(0)
	deposit of hemosiderin	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory infiltration	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)	(0)	(0)
	lymphocytic infiltration	4	0	0	0	3	0	0	0	3	0	0	0	2	0	0	0
		(8)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	scar	1	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	inflammatory polyp	0	2	0	0	2	1	0	0	1	0	0	0	0	2	0	0
		(0)	(4)	(0)	(0)	(4)	(2)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(4)	(0)	(0)
	hydronephrosis	0	0	2	2	1	1	2	0	0	0	2	0	1	3	1	0
		(0)	(0)	(4)	(4)	(2)	(2)	(4)	(0)	(0)	(0)	(4)	(0)	(2)	(6)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 22

Organ	Findings	Group Name No. of Animals on Study Grade	Control 50				2500 ppm 50				5000 ppm 50				10000 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																		
kidney			<50>				<50>				<50>				<50>			
	pyelonephritis		0	0	1	0	0	0	0	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)
	arthritis		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
	hyaline droplet:glomerulus		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
urin bladd			<50>				<50>				<50>				<50>			
	dilatation		0	1	1	0	1	2	0	0	0	0	0	0	0	1	0	0
			(0)	(2)	(2)	(0)	(2)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)
	inflammatory infiltration		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	lymphocytic infiltration		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(Endocrine system)																		
pituitary			<50>				<50>				<50>				<50>			
	angiectasis		0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 23

Organ	Findings	Control No. of Animals on Study Grade				2500 ppm 50				5000 ppm 50				10000 ppm 50			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Endocrine system)																	
pituitary		<50>				<50>				<50>				<50>			
	cyst	0	0	0	0	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)
	hyperplasia	7	2	1	0	4	5	3	0	9	2	3	0	5	2	4	0
		(14)	(4)	(2)	(0)	(8)	(10)	(6)	(0)	(18)	(4)	(6)	(0)	(10)	(4)	(8)	(0)
	Rathke pouch	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
thyroid		<50>				<50>				<50>				<50>			
	cyst	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	C-cell hyperplasia	3	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
		(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
parathyroid		<50>				<50>				<50>				<50>			
	hyperplasia	1	0	0	0	0	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)	(0)	(0)
adrenal		<50>				<50>				<50>				<50>			
	degeneration	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

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

b : Number of animals with lesion

(c) c : b / a * 100

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

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 24

Organ	Findings	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study				No. of Animals on Study				No. of Animals on Study				No. of Animals on Study			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Endocrine system)																	
adrenal	spindle-cell hyperplasia	32	2	0	0	32	1	0	0	30	1	0	0	25	2	0	0
		(64)	(4)	(0)	(0)	(64)	(2)	(0)	(0)	(60)	(2)	(0)	(0)	(50)	(4)	(0)	(0)
	focal fatty change:cortex	0	3	0	0	1	1	0	0	0	1	0	0	0	0	0	0
		(0)	(6)	(0)	(0)	(2)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
(Reproductive system)																	
ovary	angiectasis	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	cyst	5	0	0	0	2	0	0	0	5	0	0	0	2	3	0	0
		(10)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(4)	(6)	(0)	(0)
	hyperplasia	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
uterus	dilatation	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 25

Organ	Findings	Control No. of Animals on Study Grade				2500 ppm 50				5000 ppm 50				10000 ppm 50			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Reproductive system)																	
uterus		<50>				<50>				<50>				<50>			
	thrombus	0	1	0	0	0	0	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)	(0)
	inflammatory infiltration	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	stromal hyperplasia	1	0	0	0	0	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)	(0)	(0)
	cystic endometrial hyperplasia	26	0	0	0	16	1	0	0	22	1	0	0	16	1	0	0
		(52)	(0)	(0)	(0)	(32)	(2)	(0)	(0)	(44)	(2)	(0)	(0)	(32)	(2)	(0)	(0)
vagina		<50>				<50>				<50>				<50>			
	polyp	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
mammary gl		<50>				<50>				<50>				<50>			
	cyst	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
prep/cli gl		<50>				<50>				<50>				<50>			
	cyst	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 26

		Group Name	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ	Findings		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Nervous system)																		
brain			<50>				<50>				<50>				<50>			
	hemorrhage		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	mineralization		5	0	0	0	7	0	0	0	5	0	0	0	7	0	0	0
			(10)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(14)	(0)	(0)	(0)
(Special sense organs/appendage)																		
eye			<50>				<50>				<50>				<50>			
	inflammatory infiltration		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)	(0)	(0)	(0)	(0)	(2)	(0)	(0)
	cataract		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	retinal atrophy		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)
	keratitis		0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(2)	(0)
Harder gl			<50>				<50>				<50>				<50>			
	degeneration		1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 27

		Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study				50				50				50			
		Grade															
Organ	Findings	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Special sense organs/appendage}																	
Harder gl	hyperplasia	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Musculoskeletal system}																	
muscle	mineralization	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
bone	osteosclerosis	1	0	0	0	0	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)	(0)	(0)
{Body cavities}																	
mediastinum	inflammation	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)	(0)	(0)	(0)	(0)	(2)	(0)	(0)
peritoneum	peritonitis	0	0	1	0	0	0	0	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)

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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

TABLE M 5

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

FEMALE: DEAD AND MORIBUND ANIMALS

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 10

		Group Name	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study	21				24				19				30			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Integumentary system/appandage)																		
skin/app			<21>				<24>				<19>				<30>			
	ulcer		1 (5)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	scab		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (8)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
subcutis			<21>				<24>				<19>				<30>			
	inflammation		0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
(Respiratory system)																		
nasal cavit			<21>				<24>				<19>				<30>			
	exudate		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	eosinophilic change:olfactory epithelium		5 (24)	1 (5)	0 (0)	0 (0)	5 (21)	0 (0)	0 (0)	0 (0)	2 (11)	0 (0)	0 (0)	0 (0)	4 (13)	0 (0)	0 (0)	0 (0)
	eosinophilic change:respiratory epithelium		9 (43)	2 (10)	0 (0)	0 (0)	12 (50)	0 (0)	0 (0)	0 (0)	10 (53)	1 (5)	0 (0)	0 (0)	20 (67)	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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 11

Organ	Findings	Group Name No. of Animals on Study Grade	Control 21				2500 ppm 24				5000 ppm 19				10000 ppm 30			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																		
nasal cavit			<21>				<24>				<19>				<30>			
	inflammation:respiratory epithelium		1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
			(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	respiratory metaplasia:olfactory epithelium		6	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0
			(29)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(7)	(0)	(0)	(0)
	respiratory metaplasia:gland		11	0	0	0	6	0	0	0	5	0	0	0	12	0	0	0
			(52)	(0)	(0)	(0)	(25)	(0)	(0)	(0)	(26)	(0)	(0)	(0)	(40)	(0)	(0)	(0)
	squamous cell metaplasia:respiratory epithelium		0	0	0	0	1	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)	(0)	(0)
	nasopharynx		<21>				<24>				<19>				<30>			
	eosinophilic change		3	1	0	0	1	0	0	0	3	1	0	0	2	0	0	0
			(14)	(5)	(0)	(0)	(4)	(0)	(0)	(0)	(16)	(5)	(0)	(0)	(7)	(0)	(0)	(0)
	lung		<21>				<24>				<19>				<30>			
	inflammatory infiltration		0	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
(Hematopoietic system)																		
bone marrow			<21>				<24>				<19>				<30>			
	increased hematopoiesis		4	0	0	0	5	0	0	0	6	0	0	0	5	0	0	0
			(19)	(0)	(0)	(0)	(21)	(0)	(0)	(0)	(32)	(0)	(0)	(0)	(17)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 12

Organ_____	Findings_____	Group Name	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study	21				24				19				30			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

(Hematopoietic system)

spleen

extramedullary hematopoiesis

<21>

4420

(19) (19) (10) (0)

<24>

1910

(4) (38) (4) (0)

<19>

2700

(11) (37) (0) (0)

<30>

3500

(10) (17) (0) (0)

(Circulatory system)

heart

thrombus

<21>

0010

(0) (0) (5) (0)

<24>

0010

(0) (0) (4) (0)

<19>

0100

(0) (5) (0) (0)

<30>

0000

(0) (0) (0) (0)

mineralization

<21>

0000

(0) (0) (0) (0)

<24>

1000

(4) (0) (0) (0)

<19>

0000

(0) (0) (0) (0)

<30>

5000

(17) (0) (0) (0)

inflammatory cell nest

<21>

0000

(0) (0) (0) (0)

<24>

0000

(0) (0) (0) (0)

<19>

1000

(5) (0) (0) (0)

<30>

0000

(0) (0) (0) (0)

myocardial fibrosis

<21>

0000

(0) (0) (0) (0)

<24>

0000

(0) (0) (0) (0)

<19>

0000

(0) (0) (0) (0)

<30>

1000

(3) (0) (0) (0)

arteritis

<21>

0000

(0) (0) (0) (0)

<24>

1000

(4) (0) (0) (0)

<19>

1000

(5) (0) (0) (0)

<30>

0100

(0) (3) (0) (0)

artery/aort

arteritis

<21>

0000

(0) (0) (0) (0)

<24>

0000

(0) (0) (0) (0)

<19>

0010

(0) (0) (5) (0)

<30>

0000

(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 13

		Group Name	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study	21				24				19				30			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
tongue			<21>				<24>				<19>				<30>			
	arteritis		1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
			(5)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
stomach			<21>				<24>				<19>				<30>			
	ulcer:forestomach		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia:forestomach		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
	erosion:glandular stomach		1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
	ulcer:glandular stomach		0	0	0	0	1	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)	(0)	(0)
	hyperplasia:glandular stomach		0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(7)	(0)	(0)	(0)
liver			<21>				<24>				<19>				<30>			
	necrosis:central		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 14

Organ	Findings	Group Name	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study	21				24				19				30			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
liver			<21>				<24>				<19>				<30>			
	necrosis:focal		1 (5)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	inflammatory infiltration		0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	inflammatory cell nest		2 (10)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	acidophilic cell focus		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 (3)	1 (3)	0 (0)	0 (0)
(Urinary system)																		
kidney			<21>				<24>				<19>				<30>			
	hyaline droplet		6 (29)	0 (0)	0 (0)	0 (0)	12 (50)	0 (0)	0 (0)	0 (0)	5 (26)	0 (0)	0 (0)	0 (0)	12 (40)	0 (0)	0 (0)	0 (0)
	scar		1 (5)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	inflammatory polyp		0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Grade	1 : Slight 2 : Moderate 3 : Marked 4 : Severe																	
< a >	a : Number of animals examined at the site																	
b	b : Number of animals with lesion																	
(c)	c : b / a * 100																	
Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square																		

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 15

Organ	Findings	Control No. of Animals on Study 21				2500 ppm 24				5000 ppm 19				10000 ppm 30			
		Grade				Grade				Grade				Grade			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																	
kidney		<21>				<24>				<19>				<30>			
	hydronephrosis	0	0	1	2	1	0	1	0	0	0	1	0	0	1	1	0
		(0)	(0)	(5)	(10)	(4)	(0)	(4)	(0)	(0)	(0)	(5)	(0)	(0)	(3)	(3)	(0)
	arthritis	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)
urin bladd		<21>				<24>				<19>				<30>			
	dilatation	0	1	1	0	0	2	0	0	0	0	0	0	0	1	0	0
		(0)	(5)	(5)	(0)	(0)	(8)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)
{Endocrine system}																	
pituitary		<21>				<24>				<19>				<30>			
	angiectasis	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
	hyperplasia	2	0	0	0	1	1	0	0	1	1	0	0	1	2	2	0
		(10)	(0)	(0)	(0)	(4)	(4)	(0)	(0)	(5)	(5)	(0)	(0)	(3)	(7)	(7)	(0)
	Rathke pouch	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 16

		Group Name	Control				2500 ppm				5000 ppm				10000 ppm				
		No. of Animals on Study	21				24				19				30				
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
(Endocrine system)																			
thyroid			<21>				<24>				<19>				<30>				
	cyst		0	0	0	0	1	0	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)	(0)	(0)	(0)
	C-cell hyperplasia		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	
parathyroid			<21>				<24>				<19>				<30>				
	hyperplasia		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
adrenal			<21>				<24>				<19>				<30>				
	degeneration		0	0	0	0	0	1	0	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)	(0)	(0)
	spindle-cell hyperplasia		14	0	0	0	12	0	0	0	10	0	0	0	10	0	0	0 *	
			(67)	(0)	(0)	(0)	(50)	(0)	(0)	(0)	(53)	(0)	(0)	(0)	(33)	(0)	(0)	(0)	
(Reproductive system)																			
ovary			<21>				<24>				<19>				<30>				
	angiectasis		0	0	0	0	1	0	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)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 17

Organ_____	Findings_____	Group Name	Control .				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study	21				24				19				30			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Reproductive system)																		
ovary		<21>					<24>				<19>				<30>			
	cyst	0	0	0	0	0	0	0	0	0	3	0	0	0	0	2	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(16)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)
uterus		<21>					<24>				<19>				<30>			
	stromal hyperplasia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	cystic endometrial hyperplasia	4	0	0	0	3	0	0	0	2	0	0	0	3	0	0	0	0
		(19)	(0)	(0)	(0)	(13)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(0)
prep/cli gl		<21>					<24>				<19>				<30>			
	cyst	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(Nervous system)																		
brain		<21>					<24>				<19>				<30>			
	hemorrhage	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)
	mineralization	1	0	0	0	2	0	0	0	0	0	0	0	3	0	0	0	0
		(5)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(10)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square																		

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 18

Organ	Findings	Group Name No. of Animals on Study Control 21				2500 ppm 24				5000 ppm 19				10000 ppm 30			
		Grade				Grade				Grade				Grade			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Special sense organs/appendage}																	
eye	cataract	<21>				<24>				<19>				<30>			
		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	retinal atrophy	<21>				<24>				<19>				<30>			
		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)
Harder gl	degeneration	<21>				<24>				<19>				<30>			
		1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia	<21>				<24>				<19>				<30>			
		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Musculoskeletal system}																	
muscle	mineralization	<21>				<24>				<19>				<30>			
		0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0
		(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)
{Body cavities}																	
mediastinum	inflammation	<21>				<24>				<19>				<30>			
		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)	(0)	(0)	(0)	(0)	(3)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 19

Organ	Findings	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study				No. of Animals on Study				No. of Animals on Study				No. of Animals on Study			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

{Body cavities}

peritoneum		<21>				<24>				<19>				<30>			
	peritonitis	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference ; * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Chi Square

(HPT150)

BAIS4

TABLE M 6

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

FEMALE: SACRIFICED ANIMALS

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 11

Organ	Findings	Group Name No. of Animals on Study Grade	Control 29				2500 ppm 26				5000 ppm 31				10000 ppm 20			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Integumentary system/appandage)																		
skin/app	sebaceous hyperplasia		<29>				<26>				<31>				<20>			
			1	0	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)	(0)	(0)	(0)	(0)
subcutis	hemorrhage		<29>				<26>				<31>				<20>			
			0	0	0	0	1	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)	(0)	(0)
(Respiratory system)																		
nasal cavit	inflammatory infiltration		<29>				<26>				<31>				<20>			
			0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	eosinophilic change:olfactory epithelium		<29>				<26>				<31>				<20>			
			10	0	0	0	5	1	0	0	7	0	0	0	5	0	0	0
			(34)	(0)	(0)	(0)	(19)	(4)	(0)	(0)	(23)	(0)	(0)	(0)	(25)	(0)	(0)	(0)
	eosinophilic change:respiratory epithelium		<29>				<26>				<31>				<20>			
			17	6	0	0	16	3	0	0	25	1	0	0	13	1	0	0
			(59)	(21)	(0)	(0)	(62)	(12)	(0)	(0)	(81)	(3)	(0)	(0)	(65)	(5)	(0)	(0)
	inflammation:respiratory epithelium		<29>				<26>				<31>				<20>			
			1	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(13)	(0)	(0)	(0)	(10)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 12

Organ	Findings	Control No. of Animals on Study Grade				2500 ppm 26				5000 ppm 31				10000 ppm 20			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																	
nasal cavit		<29>				<26>				<31>				<20>			
	respiratory metaplasia:olfactory epithelium	9	0	0	0	4	0	0	0	9	0	0	0	8	0	0	0
		(31)	(0)	(0)	(0)	(15)	(0)	(0)	(0)	(29)	(0)	(0)	(0)	(40)	(0)	(0)	(0)
	respiratory metaplasia:gland	11	1	0	0	16	0	0	0	13	2	0	0	9	0	0	0
		(38)	(3)	(0)	(0)	(62)	(0)	(0)	(0)	(42)	(6)	(0)	(0)	(45)	(0)	(0)	(0)
	squamous cell metaplasia:respiratory epithelium	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
nasopharynx		<29>				<26>				<31>				<20>			
	eosinophilic change	6	1	0	0	3	1	0	0	0	0	0	0 *	0	0	0	0
		(21)	(3)	(0)	(0)	(12)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
lung		<29>				<26>				<31>				<20>			
	inflammatory infiltration	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
	lymphocytic infiltration	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	bronchiolar-alveolar cell hyperplasia	0	0	0	0	1	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)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 13

		Group Name	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study	29				26				31				20			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																		
lung			<29>				<26>				<31>				<20>			
	arteritis		0	0	0	0	1	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)	(0)	(0)
(Hematopoietic system)																		
bone marrow			<29>				<26>				<31>				<20>			
	increased hematopoiesis		1	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(15)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	myelofibrosis		1	0	0	0	0	1	0	0	2	0	0	0	2	0	0	0
			(3)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(6)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	megakaryocyte:increased		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
spleen			<29>				<26>				<31>				<20>			
	fibrosis:focal		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)	(0)	(0)	(0)	(0)	(5)	(0)
	extramedullary hematopoiesis		8	0	0	0	9	1	0	0	9	0	0	0	5	0	0	0
			(28)	(0)	(0)	(0)	(35)	(4)	(0)	(0)	(29)	(0)	(0)	(0)	(25)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 14

		Group Name	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study	29				26				31				20			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ	Findings		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
spleen			<29>				<26>				<31>				<20>			
	follicular hyperplasia		1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(Circulatory system)																		
heart			<29>				<26>				<31>				<20>			
	mineralization		1	0	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)	(0)	(0)	(0)	(0)
	inflammatory cell nest		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)
	myocardial fibrosis		1	0	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)	(0)	(0)	(0)	(0)
(Digestive system)																		
tongue			<29>				<26>				<31>				<20>			
	arteritis		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(5)	(0)	(0)	(0)

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

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

b : Number of animals with lesion

(c) c : b / a * 100

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

(HPT150)

BAIS4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 15

Organ	Findings	Control No. of Animals on Study 29 Grade				2500 ppm 26				5000 ppm 31				10000 ppm 20			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																	
salivary gl		<29>				<26>				<31>				<20>			
	lymphocytic infiltration	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)
stomach		<29>				<26>				<31>				<20>			
	ulcer:forestomach	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)
	hyperplasia:forestomach	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (6)	0 (0)	0 (0)	0 (0)	3 (15)	0 (0)	0 (0)	0 (0)
	erosion:glandular stomach	4 (14)	2 (7)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	6 (19)	0 (0)	0 (0)	0 (0)	2 (10)	0 (0)	0 (0)	0 (0)
	ulcer:glandular stomach	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)
	hyperplasia:glandular stomach	15 (52)	0 (0)	0 (0)	0 (0)	16 (62)	0 (0)	0 (0)	0 (0)	11 (35)	0 (0)	0 (0)	0 (0)	6 (30)	0 (0)	0 (0)	0 (0)
liver		<29>				<26>				<31>				<20>			
	angiectasis	0 (0)	1 (3)	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	4 (13)	0 (0)	0 (0)	0 (0)	1 (5)	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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 16

Organ	Findings	Control No. of Animals on Study Grade				2500 ppm 26				5000 ppm 31				10000 ppm 20			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																	
liver		<29>				<26>				<31>				<20>			
	necrosis:focal	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory infiltration	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(3)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory cell nest	9	0	0	0	7	0	0	0	11	0	0	0	8	0	0	0
		(31)	(0)	(0)	(0)	(27)	(0)	(0)	(0)	(35)	(0)	(0)	(0)	(40)	(0)	(0)	(0)
	extramedullary hematopoiesis	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	clear cell focus	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(5)	(5)	(0)	(0)
	acidophilic cell focus	0	2	0	0	0	0	0	0	3	0	0	0	0	0	0	0
		(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	basophilic cell focus	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)
	biliary cyst	0	0	0	0	1	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)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference ; * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 17

		Group Name	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study	29				26				31				20			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
gall bladd	hyperplasia		<28>				<25>				<31>				<20>			
			1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
pancreas	fibrosis:focal		<29>				<26>				<31>				<20>			
			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)	(0)	(0)	(0)	(0)	(5)	(0)
(Urinary system)																		
kidney	cyst		<29>				<26>				<31>				<20>			
			0	0	0	0	1	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)	(0)	(0)
	hyaline droplet		1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0
			(3)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	deposit of hemosiderin		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory infiltration		0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference ; * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 18

Organ_____	Findings_____	Group Name	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study	29				26				31				20			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																		
kidney			<29>				<26>				<31>				<20>			
	lymphocytic infiltration		4	0	0	0	3	0	0	0	3	0	0	0	2	0	0	0
			(14)	(0)	(0)	(0)	(12)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	scar		0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	inflammatory polyp		0	1	0	0	2	1	0	0	0	0	0	0	0	2	0	0
			(0)	(3)	(0)	(0)	(8)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(10)	(0)	(0)
	hydronephrosis		0	0	1	0	0	1	1	0	0	0	1	0	1	2	0	0
			(0)	(0)	(3)	(0)	(0)	(4)	(4)	(0)	(0)	(0)	(3)	(0)	(5)	(10)	(0)	(0)
	pyelonephritis		0	0	1	0	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)	(0)	(0)
	hyaline droplet:glomerulus		0	0	0	0	0	1	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)	(0)
urin bladd			<29>				<26>				<31>				<20>			
	dilatation		0	0	0	0	1	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)	(0)	(0)
	inflammatory infiltration		0	0	0	0	1	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)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 19

Organ	Findings	Control No. of Animals on Study Grade				2500 ppm 26				5000 ppm 31				10000 ppm 20			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																	
urin bladd		<29>				<26>				<31>				<20>			
	lymphocytic infiltration	0	0	0	0	1	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)	(0)	(0)
{Endocrine system}																	
pituitary		<29>				<26>				<31>				<20>			
	angiectasis	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
		<29>				<26>				<31>				<20>			
	cyst	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
		<29>				<26>				<31>				<20>			
	hyperplasia	5	2	1	0	3	4	3	0	8	1	3	0	4	0	2	0
		(17)	(7)	(3)	(0)	(12)	(15)	(12)	(0)	(26)	(3)	(10)	(0)	(20)	(0)	(10)	(0)
		<29>				<26>				<31>				<20>			
	Rathke pouch	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
thyroid		<29>				<26>				<31>				<20>			
	C-cell hyperplasia	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(10)	(0)	(0)	(0)	(0)	(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
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 20

Organ_____	Findings_____	Group Name	Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study	29				26				31				20			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}																		
adrenal			<29>				<26>				<31>				<20>			
	spindle-cell hyperplasia		18	2	0	0	20	1	0	0	20	1	0	0	15	2	0	0
		(62)	(7)	(0)	(0)	(77)	(4)	(0)	(0)	(65)	(3)	(0)	(0)	(75)	(10)	(0)	(0)	
	focal fatty change:cortex		0	3	0	0	1	1	0	0	0	1	0	0	0	0	0	0
		(0)	(10)	(0)	(0)	(4)	(4)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Reproductive system}																		
ovary			<29>				<26>				<31>				<20>			
	cyst		5	0	0	0	2	0	0	0	2	0	0	0	2	1	0	0
		(17)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(10)	(5)	(0)	(0)	
	hyperplasia		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
uterus			<29>				<26>				<31>				<20>			
	dilatation		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	thrombus		0	1	0	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)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDf1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 21

Organ	Findings	Control No. of Animals on Study 29				2500 ppm 26				5000 ppm 31				10000 ppm 20			
		Grade				Grade				Grade				Grade			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																	
uterus		<29>				<26>				<31>				<20>			
	inflammatory infiltration	0	0	0	0	1	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)	(0)	(0)
	cystic endometrial hyperplasia	22	0	0	0	13	1	0	0	20	1	0	0	13	1	0	0
		(76)	(0)	(0)	(0)	(50)	(4)	(0)	(0)	(65)	(3)	(0)	(0)	(65)	(5)	(0)	(0)
vagina		<29>				<26>				<31>				<20>			
	polyp	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)
mammary gl		<29>				<26>				<31>				<20>			
	cyst	0	0	0	0	1	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)	(0)	(0)
{Nervous system}																	
brain		<29>				<26>				<31>				<20>			
	mineralization	4	0	0	0	5	0	0	0	5	0	0	0	4	0	0	0
		(14)	(0)	(0)	(0)	(19)	(0)	(0)	(0)	(16)	(0)	(0)	(0)	(20)	(0)	(0)	(0)
{Special sense organs/appendage}																	
eye		<29>				<26>				<31>				<20>			
	inflammatory infiltration	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)	(0)	(0)	(0)	(0)	(5)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 22

Organ_____	Findings_____	Group Name Control				2500 ppm				5000 ppm				10000 ppm			
		No. of Animals on Study 29				26				31				20			
		Grade															
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

(Special sense organs/appendage)

		<29>				<26>				<31>				<20>			
eye	keratitis	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(5)	(0)

(Musculoskeletal system)

		<29>				<26>				<31>				<20>			
bone	osteosclerosis	1	0	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)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

(HPT150)

BAIS4

TABLE N 1

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

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

Time-related Weeks	Items	Group Name	Control	5000 ppm	10000 ppm	20000 ppm
0 - 52	NO. OF EXAMINED ANIMALS		0	1	0	0
	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		3	3	2	1
	NO. OF ANIMALS WITH TUMORS		3	2	1	1
	NO. OF ANIMALS WITH SINGLE TUMORS		1	2	1	1
	NO. OF ANIMALS WITH MULTIPLE TUMORS		2	0	0	0
	NO. OF BENIGN TUMORS		2	0	0	1
	NO. OF MALIGNANT TUMORS		3	2	1	0
	NO. OF TOTAL TUMORS		5	2	1	1
79 - 104	NO. OF EXAMINED ANIMALS		12	13	12	8
	NO. OF ANIMALS WITH TUMORS		10	12	10	8
	NO. OF ANIMALS WITH SINGLE TUMORS		6	9	6	5
	NO. OF ANIMALS WITH MULTIPLE TUMORS		4	3	4	3
	NO. OF BENIGN TUMORS		4	4	3	0
	NO. OF MALIGNANT TUMORS		10	12	12	12
	NO. OF TOTAL TUMORS		14	16	15	12
105 - 105	NO. OF EXAMINED ANIMALS		35	33	36	41
	NO. OF ANIMALS WITH TUMORS		21	23	26	22
	NO. OF ANIMALS WITH SINGLE TUMORS		12	10	17	17
	NO. OF ANIMALS WITH MULTIPLE TUMORS		9	13	9	5
	NO. OF BENIGN TUMORS		18	14	17	14
	NO. OF MALIGNANT TUMORS		18	26	20	16
	NO. OF TOTAL TUMORS		36	40	37	30

(HPT070)

BAIS4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 2

Time related Weeks	Items	Group Name	Control	5000 ppm	10000 ppm	20000 ppm
0 - 105	NO. OF EXAMINED ANIMALS		50	50	50	50
	NO. OF ANIMALS WITH TUMORS		34	37	37	31
	NO. OF ANIMALS WITH SINGLE TUMORS		19	21	24	23
	NO. OF ANIMALS WITH MULTIPLE TUMORS		15	16	13	8
	NO. OF BENIGN TUMORS		24	18	20	15
	NO. OF MALIGNANT TUMORS		31	40	33	28
	NO. OF TOTAL TUMORS		55	58	53	43

(HPT070)

BAIS4

TABLE N 2

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

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 3

Time-related Weeks	Items	Group Name	Control	2500 ppm	5000 ppm	10000 ppm
0 - 52	NO. OF EXAMINED ANIMALS		0	2	2	1
	NO. OF ANIMALS WITH TUMORS		0	1	2	0
	NO. OF ANIMALS WITH SINGLE TUMORS		0	1	2	0
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0
	NO. OF BENIGN TUMORS		0	0	0	0
	NO. OF MALIGNANT TUMORS		0	1	2	0
	NO. OF TOTAL TUMORS		0	1	2	0
53 - 78	NO. OF EXAMINED ANIMALS		6	9	4	3
	NO. OF ANIMALS WITH TUMORS		3	8	2	3
	NO. OF ANIMALS WITH SINGLE TUMORS		3	8	2	2
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	1
	NO. OF BENIGN TUMORS		0	0	1	1
	NO. OF MALIGNANT TUMORS		3	8	1	3
	NO. OF TOTAL TUMORS		3	8	2	4
79 - 104	NO. OF EXAMINED ANIMALS		15	13	13	26
	NO. OF ANIMALS WITH TUMORS		13	13	13	24
	NO. OF ANIMALS WITH SINGLE TUMORS		8	8	11	18
	NO. OF ANIMALS WITH MULTIPLE TUMORS		5	5	2	6
	NO. OF BENIGN TUMORS		8	6	3	4
	NO. OF MALIGNANT TUMORS		13	13	13	27
	NO. OF TOTAL TUMORS		21	19	16	31
105 - 105	NO. OF EXAMINED ANIMALS		29	26	31	20
	NO. OF ANIMALS WITH TUMORS		21	20	25	13
	NO. OF ANIMALS WITH SINGLE TUMORS		14	10	17	9
	NO. OF ANIMALS WITH MULTIPLE TUMORS		7	10	8	4
	NO. OF BENIGN TUMORS		17	15	16	10
	NO. OF MALIGNANT TUMORS		13	15	17	10
	NO. OF TOTAL TUMORS		30	30	33	20

(HPT070)

BAIS4

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 4

Time-related Weeks	Items	Group Name	Control	2500 ppm	5000 ppm	10000 ppm
0 - 105	NO. OF EXAMINED ANIMALS		50	50	50	50
	NO. OF ANIMALS WITH TUMORS		37	42	42	40
	NO. OF ANIMALS WITH SINGLE TUMORS		25	27	32	29
	NO. OF ANIMALS WITH MULTIPLE TUMORS		12	15	10	11
	NO. OF BENIGN TUMORS		25	21	20	15
	NO. OF MALIGNANT TUMORS		29	37	33	40
	NO. OF TOTAL TUMORS		54	58	53	55

(HPT070)

BAIS4

TABLE O 1

HISTOPATHOLOGICAL FINDINGS:
NEOPLASTIC LESIONS: MALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Cri:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name No. of animals on Study	Control 50	5000 ppm 50	10000 ppm 50	20000 ppm 50
(Integumentary system/appandage)						
subcutis			<50>	<50>	<50>	<50>
	lipoma		1 (2%)	1 (2%)	0 (0%)	0 (0%)
	schwannoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
	schwannoma:malignant		0 (0%)	1 (2%)	1 (2%)	1 (2%)
	histiocytic sarcoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
	mastcytoma:malignant		0 (0%)	1 (2%)	0 (0%)	0 (0%)
	hemangiosarcoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
(Respiratory system)						
nasal cavit			<50>	<50>	<50>	<50>
	histiocytic sarcoma		0 (0%)	1 (2%)	1 (2%)	0 (0%)
lung			<50>	<50>	<50>	<50>
	bronchiolar-alveolar adenoma		7 (14%)	4 (8%)	4 (8%)	3 (6%)
	bronchiolar-alveolar carcinoma		4 (8%)	10 (20%)	7 (14%)	5 (10%)
(Hematopoietic system)						
bone marrow			<50>	<50>	<50>	<50>
	hemangioma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
lymph node			<50>	<50>	<50>	<50>
	malignant lymphoma		13 (26%)	6 (12%)	6 (12%)	6 (12%)

< a > a : Number of animals examined at the site
 b (c) b : Number of animals with neoplasm c : b / a * 100

(HPT085)

BATS4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name No. of animals on Study	Control 50	5000 ppm 50	10000 ppm 50	20000 ppm 50
{Hematopoietic system}						
spleen			<50>	<50>	<50>	<50>
	histiocytic sarcoma		1 (2%)	0 (0%)	1 (2%)	0 (0%)
	malignant lymphoma		0 (0%)	0 (0%)	0 (0%)	2 (4%)
	hemangiosarcoma		1 (2%)	1 (2%)	2 (4%)	1 (2%)
{Digestive system}						
salivary gl			<50>	<50>	<50>	<50>
	histiocytic sarcoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
stomach			<50>	<50>	<50>	<50>
	squamous cell papilloma		0 (0%)	1 (2%)	0 (0%)	1 (2%)
small intes			<50>	<50>	<50>	<50>
	adenocarcinoma		0 (0%)	1 (2%)	1 (2%)	0 (0%)
liver			<50>	<50>	<50>	<50>
	hemangioma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
	hepatocellular adenoma		12 (24%)	7 (14%)	14 (28%)	7 (14%)
	histiocytic sarcoma		3 (6%)	3 (6%)	1 (2%)	4 (8%)
	hemangiosarcoma		1 (2%)	2 (4%)	3 (6%)	1 (2%)
	hepatocellular carcinoma		6 (12%)	9 (18%)	6 (12%)	6 (12%)
gall bladd			<50>	<50>	<49>	<49>
	papillary adenoma		0 (0%)	0 (0%)	1 (2%)	1 (2%)

< a > a : Number of animals examined at the site
 b (c) b : Number of animals with neoplasm c : b / a * 100

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 3

Organ	Findings	Group Name No. of animals on Study	Control 50	5000 ppm 50	10000 ppm 50	20000 ppm 50
(Urinary system)						
kidney			<50>	<50>	<50>	<50>
	histiocytic sarcoma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
urin bladd			<50>	<50>	<50>	<50>
	histiocytic sarcoma		0 (0%)	0 (0%)	1 (2%)	1 (2%)
(Endocrine system)						
pituitary			<50>	<50>	<50>	<50>
	adenoma		0 (0%)	2 (4%)	0 (0%)	0 (0%)
thyroid			<50>	<50>	<50>	<50>
	C-cell carcinoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
(Reproductive system)						
epididymis			<50>	<50>	<50>	<50>
	histiocytic sarcoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
semin ves			<50>	<50>	<50>	<50>
	histiocytic sarcoma		0 (0%)	0 (0%)	1 (2%)	0 (0%)
(Nervous system)						
periph nerv			<50>	<50>	<50>	<50>
	histiocytic sarcoma		0 (0%)	0 (0%)	1 (2%)	0 (0%)
(Special sense organs/appendage)						
Harder gl			<50>	<50>	<50>	<50>
	adenoma		2 (4%)	2 (4%)	1 (2%)	2 (4%)
	adenocarcinoma		0 (0%)	0 (0%)	1 (2%)	0 (0%)

< a > a : Number of animals examined at the site
 b (c) b : Number of animals with neoplasm c : b / a * 100

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 4

Organ_____	Findings_____	Group Name No. of animals on Study	Control 50	5000 ppm 50	10000 ppm 50	20000 ppm 50
(Musculoskeletal system)						
bone			<50>	<50>	<50>	<50>
	osteoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
	osteosarcoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
(Body cavities)						
pleura			<50>	<50>	<50>	<50>
	mesothelioma		0 (0%)	1 (2%)	0 (0%)	0 (0%)

< a > a : Number of animals examined at the site
b (c) b : Number of animals with neoplasm c : b / a * 100

(HPT085)

BAIS4

TABLE O 2

HISTOPATHOLOGICAL FINDINGS:
NEOPLASTIC LESIONS: FEMALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 5

Organ	Findings	Group Name No. of animals on Study	Control 50	2500 ppm 50	5000 ppm 50	10000 ppm 50
{Integumentary system/appandage}						
subcutis			<50>	<50>	<50>	<50>
	schwannoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
	hemangioma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
	fibrosarcoma		0 (0%)	1 (2%)	1 (2%)	0 (0%)
{Respiratory system}						
lung			<50>	<50>	<50>	<50>
	bronchiolar-alveolar adenoma		2 (4%)	1 (2%)	0 (0%)	0 (0%)
	bronchiolar-alveolar carcinoma		2 (4%)	2 (4%)	1 (2%)	3 (6%)
{Hematopoietic system}						
bone marrow			<50>	<50>	<50>	<50>
	hemangioma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
lymph node			<50>	<50>	<50>	<50>
	malignant lymphoma		12 (24%)	18 (36%)	19 (38%)	16 (32%)
spleen			<50>	<50>	<50>	<50>
	hemangioma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
	malignant lymphoma		1 (2%)	0 (0%)	1 (2%)	1 (2%)
{Digestive system}						
salivary gl			<50>	<49>	<50>	<50>
	histiocytic sarcoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)

< a > a : Number of animals examined at the site
 b (c) b : Number of animals with neoplasm c : b / a * 100

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 6

Organ	Findings	Group Name No. of animals on Study	Control 50	2500 ppm 50	5000 ppm 50	10000 ppm 50
{Digestive system}						
stomach			<50>	<50>	<50>	<50>
	squamous cell papilloma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
liver			<50>	<50>	<50>	<50>
	hemangioma		3 (6%)	3 (6%)	3 (6%)	1 (2%)
	hepatocellular adenoma		3 (6%)	1 (2%)	4 (8%)	1 (2%)
	histiocytic sarcoma		2 (4%)	0 (0%)	0 (0%)	1 (2%)
	hemangiosarcoma		0 (0%)	0 (0%)	1 (2%)	0 (0%)
	hepatocellular carcinoma		1 (2%)	1 (2%)	1 (2%)	2 (4%)
{Endocrine system}						
pituitary			<50>	<50>	<50>	<50>
	adenoma		12 (24%)	9 (18%)	5 (10%)	6 (12%)
	adenocarcinoma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
thyroid			<50>	<50>	<50>	<50>
	C-cell carcinoma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
{Reproductive system}						
ovary			<50>	<50>	<50>	<50>
	cystadenoma		0 (0%)	0 (0%)	3 (6%)	1 (2%)
	hemangioma		0 (0%)	1 (2%)	4 (8%)	0 (0%)

< a > a : Number of animals examined at the site
 b (c) b : Number of animals with neoplasm c : b / a * 100

(HPT085)

BAIS4

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 7

Organ	Findings	Group Name No. of animals on Study	Control 50	2500 ppm 50	5000 ppm 50	10000 ppm 50
{Reproductive system}						
uterus			<50>	<50>	<50>	<50>
	leiomyoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
	endometrial stromal polyp		0 (0%)	1 (2%)	1 (2%)	0 (0%)
	histiocytic sarcoma		8 (16%)	14 (28%)	7 (14%)	14 (28%)
	hemangiosarcoma		0 (0%)	0 (0%)	1 (2%)	0 (0%)
	endometrial stromal sarcoma		0 (0%)	0 (0%)	1 (2%)	0 (0%)
mammary gl			<50>	<50>	<50>	<50>
	adenocarcinoma		1 (2%)	0 (0%)	0 (0%)	1 (2%)
{Nervous system}						
brain			<50>	<50>	<50>	<50>
	meningioma:malignant		1 (2%)	0 (0%)	0 (0%)	0 (0%)
{Special sense organs/appendage}						
Harder gl			<50>	<50>	<50>	<50>
	adenoma		3 (6%)	2 (4%)	0 (0%)	4 (8%)
{Musculoskeletal system}						
muscle			<50>	<50>	<50>	<50>
	rhabdomyosarcoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
bone			<50>	<50>	<50>	<50>
	osteoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)

< a > a : Number of animals examined at the site
 b (c) b : Number of animals with neoplasm c : b / a * 100

(HPT085)

BAIS4

TABLE P 1

NEOPLASTIC LESIONS-INCIDENCE AND
STATISTICAL ANALYSIS: MALE

STUDY No. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 1

Group Name	Control	5000 ppm	10000 ppm	20000 ppm
SITE : lung TUMOR : bronchiolar-alveolar adenoma				
Tumor rate				
Overall rates(a)	7/50(14.0)	4/50(8.0)	4/50(8.0)	3/50(6.0)
Adjusted rates(b)	20.00	12.12	11.11	7.32
Terminal rates(c)	7/35(20.0)	4/33(12.1)	4/36(11.1)	3/41(7.3)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.9414			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.2102			
Fisher Exact test(e)		P = 0.2623	P = 0.2623	P = 0.1589
SITE : lung TUMOR : bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	10/50(20.0)	7/50(14.0)	5/50(10.0)
Adjusted rates(b)	9.76	24.24	13.16	10.64
Terminal rates(c)	3/35(8.6)	8/33(24.2)	4/36(11.1)	3/41(7.3)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5791			
Prevalence method(d)	P = 0.6094			
Combined analysis(d)	P = 0.6373			
Cochran-Armitage test(e)	P = 0.8311			
Fisher Exact test(e)		P = 0.0739	P = 0.2623	P = 0.5000
SITE : lung TUMOR : bronchiolar-alveolar adenoma, bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	11/50(22.0)	14/50(28.0)	11/50(22.0)	8/50(16.0)
Adjusted rates(b)	28.57	36.36	23.68	17.02
Terminal rates(c)	10/35(28.6)	12/33(36.4)	8/36(22.2)	6/41(14.6)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5791			
Prevalence method(d)	P = 0.9016			
Combined analysis(d)	P = 0.9071			
Cochran-Armitage test(e)	P = 0.2989			
Fisher Exact test(e)		P = 0.3224	P = 0.5952	P = 0.3055

STUDY No. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 2

Group Name	Control	5000 ppm	10000 ppm	20000 ppm
SITE : lymph node TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	13/50(26.0)	6/50(12.0)	6/50(12.0)	6/50(12.0)
Adjusted rates(b)	17.14	12.12	8.33	14.63
Terminal rates(c)	6/35(17.1)	4/33(12.1)	3/36(8.3)	6/41(14.6)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.9976			
Prevalence method(d)	P = 0.5755			
Combined analysis(d)	P = 0.9697			
Cochran-Armitage test(e)	P = 0.1056			
Fisher Exact test(e)		P = 0.0624	P = 0.0624	P = 0.0624
SITE : liver TUMOR : hepatocellular adenoma				
Tumor rate				
Overall rates(a)	12/50(24.0)	7/50(14.0)	14/50(28.0)	7/50(14.0)
Adjusted rates(b)	25.71	16.22	33.33	14.63
Terminal rates(c)	9/35(25.7)	5/33(15.2)	12/36(33.3)	6/41(14.6)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.8050			
Prevalence method(d)	P = 0.7987			
Combined analysis(d)	P = 0.8594			
Cochran-Armitage test(e)	P = 0.4028			
Fisher Exact test(e)		P = 0.1540	P = 0.4100	P = 0.1540
SITE : liver TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	3/50(6.0)	3/50(6.0)	1/50(2.0)	4/50(8.0)
Adjusted rates(b)	2.86	3.03	2.78	0.0
Terminal rates(c)	1/35(2.9)	1/33(3.0)	1/36(2.8)	0/41(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.2212			
Prevalence method(d)	P = 0.8247			
Combined analysis(d)	P = 0.4353			
Cochran-Armitage test(e)	P = 0.7136			
Fisher Exact test(e)		P = 0.6611	P = 0.3087	P = 0.5000

STUDY No. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 3

Group Name	Control	5000 ppm	10000 ppm	20000 ppm
SITE : liver TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	1/50(2.0)	2/50(4.0)	3/50(6.0)	1/50(2.0)
Adjusted rates(b)	2.86	6.06	2.78	0.0
Terminal rates(c)	1/35(2.9)	2/33(6.1)	1/36(2.8)	0/41(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.1735			
Prevalence method(d)	P = 0.8679			
Combined analysis(d)	P = 0.5743			
Cochran-Armitage test(e)	P = 0.9481			
Fisher Exact test(e)		P = 0.5000	P = 0.3087	P = 0.7525
SITE : liver TUMOR : hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	6/50(12.0)	9/50(18.0)	6/50(12.0)	6/50(12.0)
Adjusted rates(b)	15.79	14.29	13.89	9.09
Terminal rates(c)	5/35(14.3)	4/33(12.1)	5/36(13.9)	2/41(4.9)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.3664			
Prevalence method(d)	P = 0.8232			
Combined analysis(d)	P = 0.7299			
Cochran-Armitage test(e)	P = 0.7529			
Fisher Exact test(e)		P = 0.2883	P = 0.6202	P = 0.6202

(HPT360A)

BAIS4

STUDY No. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 4

Group Name	Control	5000 ppm	10000 ppm	20000 ppm
SITE : liver				
TUMOR : hepatocellular adenoma, hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	16/50(32.0)	16/50(32.0)	18/50(36.0)	13/50(26.0)
Adjusted rates(b)	34.29	30.56	41.67	22.92
Terminal rates(c)	12/35(34.3)	9/33(27.3)	15/36(41.7)	8/41(19.5)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5794			
Prevalence method(d)	P = 0.8183			
Combined analysis(d)	P = 0.8187			
Cochran-Armitage test(e)	P = 0.5201			
Fisher Exact test(e)		P = 0.5848	P = 0.4165	P = 0.3299

(HPT360A)

BAIS4

- (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 outcomes can not be estimated or this P-value is beyond the estimated P-value.
 ----- : There is no data which should be statistical analysis.
 Significant difference ; * : $P \leq 0.05$ ** : $P \leq 0.01$
 N.C. : Statistical value cannot be calculated and was not significant.

STUDY No. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 1

Group Name	Control	5000 ppm	10000 ppm	20000 ppm
SITE : ALL SITE TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	7/50(14.0)	6/50(12.0)	6/50(12.0)
Adjusted rates(b)	2.86	15.15	11.11	4.88
Terminal rates(c)	1/35(2.9)	5/33(15.2)	4/36(11.1)	2/41(4.9)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.3428			
Prevalence method(d)	P = 0.5921			
Combined analysis(d)	P = 0.4560			
Cochran-Armitage test(e)	P = 0.6803			
Fisher Exact test(e)		P = 0.2623	P = 0.3703	P = 0.3703
SITE : ALL SITE TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	13/50(26.0)	6/50(12.0)	6/50(12.0)	8/50(16.0)
Adjusted rates(b)	17.14	12.12	8.33	19.51
Terminal rates(c)	6/35(17.1)	4/33(12.1)	3/36(8.3)	8/41(19.5)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.9976			
Prevalence method(d)	P = 0.3175			
Combined analysis(d)	P = 0.9017			
Cochran-Armitage test(e)	P = 0.3182			
Fisher Exact test(e)		P = 0.0624	P = 0.0624	P = 0.1631

(HPT360A)

BAIS4

STUDY No. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 2

Group Name	Control	5000 ppm	10000 ppm	20000 ppm
SITE : ALL SITE				
TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	3/50(6.0)	3/50(6.0)	4/50(8.0)	2/50(4.0)
Adjusted rates(b)	8.57	9.09	2.78	2.44
Terminal rates(c)	3/35(8.6)	3/33(9.1)	1/36(2.8)	1/41(2.4)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.1846			
Prevalence method(d)	P = 0.9198			
Combined analysis(d)	P = 0.7177			
Cochran-Armitage test(e)	P = 0.6872			
Fisher Exact test(e)		P = 0.6611	P = 0.5000	P = 0.5000

(HPT360A)

BAIS4

- (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 outcomes can not be estimated or this P-value is beyond the estimated P-value.
 ----- : There is no data which should be statistical analysis.
 Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$
 N.C. : Statistical value cannot be calculated and was not significant.

TABLE P 2

NEOPLASTIC LESIONS-INCIDENCE AND
STATISTICAL ANALYSIS: FEMALE

STUDY No. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 5

Group Name	Control	2500 ppm	5000 ppm	10000 ppm
SITE : lung TUMOR : bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	2/50(4.0)	2/50(4.0)	1/50(2.0)	3/50(6.0)
Adjusted rates(b)	5.26	7.69	3.23	6.90
Terminal rates(c)	1/29(3.4)	2/26(7.7)	1/31(3.2)	1/20(5.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.1155			
Prevalence method(d)	P = 0.4665			
Combined analysis(d)	P = 0.2751			
Cochran-Armitage test(e)	P = 0.6256			
Fisher Exact test(e)		P = 0.6913	P = 0.5000	P = 0.5000
SITE : lung TUMOR : bronchiolar-alveolar adenoma, bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	3/50(6.0)	1/50(2.0)	3/50(6.0)
Adjusted rates(b)	10.53	8.82	3.23	6.90
Terminal rates(c)	2/29(6.9)	2/26(7.7)	1/31(3.2)	1/20(5.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.1155			
Prevalence method(d)	P = 0.7930			
Combined analysis(d)	P = 0.6173			
Cochran-Armitage test(e)	P = 0.6370			
Fisher Exact test(e)		P = 0.5000	P = 0.1811	P = 0.5000
SITE : lymph node TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	12/50(24.0)	18/50(36.0)	19/50(38.0)	16/50(32.0)
Adjusted rates(b)	20.69	30.77	32.26	20.00
Terminal rates(c)	6/29(20.7)	8/26(30.8)	10/31(32.3)	4/20(20.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.0718			
Prevalence method(d)	P = 0.5195			
Combined analysis(d)	P = 0.1217			
Cochran-Armitage test(e)	P = 0.5235			
Fisher Exact test(e)		P = 0.1376	P = 0.0971	P = 0.2522

STUDY No. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 6

Group Name	Control	2500 ppm	5000 ppm	10000 ppm
SITE : liver TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	3/50(6.0)	3/50(6.0)	3/50(6.0)	1/50(2.0)
Adjusted rates(b)	8.33	11.11	9.68	2.50
Terminal rates(c)	2/29(6.9)	2/26(7.7)	3/31(9.7)	0/20(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.8274			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.3236			
Fisher Exact test(e)		P = 0.6611	P = 0.6611	P = 0.3087
SITE : liver TUMOR : hepatocellular adenoma				
Tumor rate				
Overall rates(a)	3/50(6.0)	1/50(2.0)	4/50(8.0)	1/50(2.0)
Adjusted rates(b)	10.34	3.70	11.43	5.00
Terminal rates(c)	3/29(10.3)	0/26(0.0)	3/31(9.7)	1/20(5.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.6815			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.5259			
Fisher Exact test(e)		P = 0.3087	P = 0.5000	P = 0.3087
SITE : liver TUMOR : hepatocellular adenoma, hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	2/50(4.0)	4/50(8.0)	3/50(6.0)
Adjusted rates(b)	10.34	7.41	9.68	5.88
Terminal rates(c)	3/29(10.3)	1/26(3.8)	3/31(9.7)	1/20(5.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.3485			
Prevalence method(d)	P = 0.5490			
Combined analysis(d)	P = 0.4708			
Cochran-Armitage test(e)	P = 0.8844			
Fisher Exact test(e)		P = 0.3389	P = 0.6425	P = 0.5000

STUDY No. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 7

Group Name	Control	2500 ppm	5000 ppm	10000 ppm
SITE : pituitary gland TUMOR : adenoma				
Tumor rate				
Overall rates(a)	12/50(24.0)	9/50(18.0)	5/50(10.0)	6/50(12.0)
Adjusted rates(b)	30.56	25.71	15.15	25.00
Terminal rates(c)	8/29(27.6)	6/26(23.1)	4/31(12.9)	5/20(25.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.8917 ?			
Prevalence method(d)	P = 0.9072			
Combined analysis(d)	P = 0.9362			
Cochran-Armitage test(e)	P = 0.0900			
Fisher Exact test(e)		P = 0.3121	P = 0.0542	P = 0.0961
SITE : pituitary gland TUMOR : adenoma,adenocarcinoma				
Tumor rate				
Overall rates(a)	12/50(24.0)	9/50(18.0)	5/50(10.0)	7/50(14.0)
Adjusted rates(b)	30.56	25.71	15.15	25.00
Terminal rates(c)	8/29(27.6)	6/26(23.1)	4/31(12.9)	5/20(25.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.3751			
Prevalence method(d)	P = 0.9072			
Combined analysis(d)	P = 0.8835			
Cochran-Armitage test(e)	P = 0.1662			
Fisher Exact test(e)		P = 0.3121	P = 0.0542	P = 0.1540
SITE : ovary TUMOR : cystadenoma				
Tumor rate				
Overall rates(a)	0/50(0.0)	0/50(0.0)	3/50(6.0)	1/50(2.0)
Adjusted rates(b)	0.0	0.0	9.68	2.13
Terminal rates(c)	0/29(0.0)	0/26(0.0)	3/31(9.7)	0/20(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.1470			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.3056			
Fisher Exact test(e)		P = N.C.	P = 0.1212	P = 0.5000

STUDY No. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 8

Group Name	Control	2500 ppm	5000 ppm	10000 ppm
SITE : ovary TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	0/50(0.0)	1/50(2.0)	4/50(8.0)	0/50(0.0)
Adjusted rates(b)	0.0	3.85	8.57	0.0
Terminal rates(c)	0/29(0.0)	1/26(3.8)	2/31(6.5)	0/20(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4037			
Prevalence method(d)	P = 0.4525			
Combined analysis(d)	P = 0.4291			
Cochran-Armitage test(e)	P = 0.9390			
Fisher Exact test(e)		P = 0.5000	P = 0.0587	P = N.C.
SITE : uterus TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	8/50(16.0)	14/50(28.0)	7/50(14.0)	14/50(28.0)
Adjusted rates(b)	6.90	15.38	6.45	15.00
Terminal rates(c)	2/29(6.9)	4/26(15.4)	2/31(6.5)	3/20(15.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.2268			
Prevalence method(d)	P = 0.1735			
Combined analysis(d)	P = 0.1331			
Cochran-Armitage test(e)	P = 0.3085			
Fisher Exact test(e)		P = 0.1135	P = 0.5000	P = 0.1135

(HPT360A)

BAIS4

STUDY No. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 9

Group Name	Control	2500 ppm	5000 ppm	10000 ppm
SITE : Harderian gland				
TUMOR : adenoma				
Tumor rate				
Overall rates(a)	3/50(6.0)	2/50(4.0)	0/50(0.0)	4/50(8.0)
Adjusted rates(b)	8.33	7.69	0.0	10.00
Terminal rates(c)	2/29(6.9)	2/26(7.7)	0/31(0.0)	2/20(10.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.3053			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.6038			
Fisher Exact test(e)		P = 0.5000	P = 0.1212	P = 0.5000

(HPT360A)

BAIS4

- (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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$
 N.C.:Statistical value cannot be calculated and was not significant.

STUDY No. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 3

Group Name	Control	2500 ppm	5000 ppm	10000 ppm
SITE : ALL SITE TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	3/50(6.0)	4/50(8.0)	7/50(14.0)	2/50(4.0)
Adjusted rates(b)	8.33	14.81	17.14	5.00
Terminal rates(c)	2/29(6.9)	3/26(11.5)	5/31(16.1)	1/20(5.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4037			
Prevalence method(d)	P = 0.6299			
Combined analysis(d)	P = 0.6085			
Cochran-Armitage test(e)	P = 0.7245			
Fisher Exact test(e)		P = 0.5000	P = 0.1589	P = 0.5000
SITE : ALL SITE TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	11/50(22.0)	14/50(28.0)	7/50(14.0)	15/50(30.0)
Adjusted rates(b)	17.24	15.38	6.45	15.00
Terminal rates(c)	5/29(17.2)	4/26(15.4)	2/31(6.5)	3/20(15.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.1595			
Prevalence method(d)	P = 0.5142			
Combined analysis(d)	P = 0.2043			
Cochran-Armitage test(e)	P = 0.5168			
Fisher Exact test(e)		P = 0.3224	P = 0.2178	P = 0.2472

(HPT360A)

BAIS4

STUDY No. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 4

Group Name	Control	2500 ppm	5000 ppm	10000 ppm
SITE : ALL SITE				
TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	13/50(26.0)	18/50(36.0)	20/50(40.0)	17/50(34.0)
Adjusted rates(b)	24.14	30.77	35.48	25.00
Terminal rates(c)	7/29(24.1)	8/26(30.8)	11/31(35.5)	5/20(25.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.0718			
Prevalence method(d)	P = 0.4440			
Combined analysis(d)	P = 0.1029			
Cochran-Armitage test(e)	P = 0.4799			
Fisher Exact test(e)		P = 0.1937	P = 0.1008	P = 0.2565

(HPT360A)

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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 outcomes can not be estimated or this P-value is beyond the estimated P-value.
 ----- : There is no data which should be statistical analysis.
 Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$
 N.C.:Statistical value cannot be calculated and was not significant.

TABLE Q 1

HISTOPATHOLOGICAL FINDINGS:
METASTASIS OF TUMOR: MALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

Group Name		Control	5000 ppm	10000 ppm	20000 ppm
No. of Animals on Study		50	50	50	50
Organ	Findings				
(Integumentary system/appandage)					
subcutis		<50>	<50>	<50>	<50>
	metastasis:spleen tumor	0	0	1	0
	metastasis:epididymis tumor	0	1	0	0
(Respiratory system)					
nasal cavit		<50>	<50>	<50>	<50>
	metastasis:subcutis tumor	0	1	0	0
	metastasis:epididymis tumor	0	1	0	0
lung		<50>	<50>	<50>	<50>
	leukemic cell infiltration	3	2	2	0
	metastasis:liver tumor	3	3	1	3
	metastasis:subcutis tumor	0	0	0	1
	metastasis:bone tumor	0	1	0	0
	metastasis:spleen tumor	1	0	0	0
(Hematopoietic system)					
bone marrow		<50>	<50>	<50>	<50>
	leukemic cell infiltration	5	1	1	1
	metastasis:liver tumor	2	1	0	2
	metastasis:subcutis tumor	1	0	0	0
	metastasis:spleen tumor	1	0	2	0
< a >	a : Number of animals examined at the site				
b	b : Number of animals with lesion				

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name No. of Animals on Study	Control 50	5000 ppm 50	10000 ppm 50	20000 ppm 50
{Hematopoietic system}						
lymph node			<50>	<50>	<50>	<50>
	metastasis:liver tumor		0	1	0	0
	metastasis:spleen tumor		1	0	0	0
	metastasis:urinary bladder tumor		0	0	1	0
thymus			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	0	0
spleen			<50>	<50>	<50>	<50>
	leukemic cell infiltration		10	5	2	1
	metastasis:liver tumor		1	1	0	4
	metastasis:subcutis tumor		1	0	0	0
{Circulatory system}						
heart			<50>	<50>	<50>	<50>
	leukemic cell infiltration		2	0	0	0
	metastasis:subcutis tumor		0	0	0	1
{Digestive system}						
salivary gl			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	1	1	0
small intes			<50>	<50>	<50>	<50>
	leukemic cell infiltration		3	0	2	0
large intes			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	0	0

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

STUDY NO. : 0613
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HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY)
 ALL ANIMALS (0-105W)

PAGE : 3

Group Name		Control	5000 ppm	10000 ppm	20000 ppm
No. of Animals on Study		50	50	50	50
Organ	Findings				
{Digestive system}					
liver		<50>	<50>	<50>	<50>
	leukemic cell infiltration	6	3	1	0
	metastasis:spleen tumor	1	0	1	0
pancreas		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	1	0	1
	metastasis:liver tumor	1	0	0	0
{Urinary system}					
kidney		<50>	<50>	<50>	<50>
	leukemic cell infiltration	3	2	0	0
	metastasis:liver tumor	1	0	0	1
	metastasis:subcutis tumor	0	0	0	1
urin bladd		<50>	<50>	<50>	<50>
	metastasis:liver tumor	1	0	0	0
{Endocrine system}					
pituitary		<50>	<50>	<50>	<50>
	metastasis:peripheral nerve tumor	0	0	1	0
{Reproductive system}					
testis		<50>	<50>	<50>	<50>
	metastasis:liver tumor	0	1	0	0
	metastasis:epididymis tumor	0	1	0	0
< a > a : Number of animals examined at the site b b : Number of animals with lesion					

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 4

Organ	Findings	Group Name No. of Animals on Study	Control 50	5000 ppm 50	10000 ppm 50	20000 ppm 50
{Reproductive system}						
epididymis			<50>	<50>	<50>	<50>
	metastasis:liver tumor		0	1	0	1
semin ves			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	0	0
prostate			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	1	0	0
	metastasis:liver tumor		0	0	0	1
{Nervous system}						
brain			<50>	<50>	<50>	<50>
	metastasis:subcutis tumor		0	1	0	0
	metastasis:peripheral nerve tumor		0	0	1	0
{Body cavities}						
peritoneum			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	0	1
	metastasis:liver tumor		1	0	0	0
< a >	a : Number of animals examined at the site					
b	b : Number of animals with lesion					

TABLE Q 2

HISTOPATHOLOGICAL FINDINGS:
METASTASIS OF TUMOR: FEMALE

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 5

Organ	Findings	Group Name No. of Animals on Study	Control 50	2500 ppm 50	5000 ppm 50	10000 ppm 50
{Integumentary system/appandage}						
skin/app			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	0	1
subcutis			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	1	0	0
	metastasis:uterus tumor		0	0	0	1
{Respiratory system}						
nasal cavit			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	2	1	1
lung			<50>	<50>	<50>	<50>
	leukemic cell infiltration		8	9	9	8
	metastasis:liver tumor		1	0	0	1
	metastasis:uterus tumor		2	6	1	5
	metastasis:thyroid tumor		0	0	0	1
{Hematopoietic system}						
bone marrow			<50>	<50>	<50>	<50>
	leukemic cell infiltration		5	5	10	7
	metastasis:liver tumor		0	0	0	1
	metastasis:uterus tumor		5	5	1	4
lymph node			<50>	<50>	<50>	<50>
	metastasis:uterus tumor		1	3	1	1

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

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 6

Group Name		Control	2500 ppm	5000 ppm	10000 ppm
No. of Animals on Study		50	50	50	50
Organ	Findings				
{Hematopoietic system}					
spleen		<50>	<50>	<50>	<50>
	leukemic cell infiltration	7	12	11	13
	metastasis:liver tumor	0	0	0	1
	metastasis:uterus tumor	1	2	1	7
{Circulatory system}					
heart		<50>	<50>	<50>	<50>
	leukemic cell infiltration	2	1	2	1
	metastasis:uterus tumor	0	1	3	1
{Digestive system}					
tongue		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	0	0	1
salivary gl		<50>	<50>	<50>	<50>
	leukemic cell infiltration	3	1	6	2
	metastasis:uterus tumor	0	1	0	0
stomach		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	0	0	1
small intes		<50>	<50>	<50>	<50>
	metastasis:uterus tumor	0	1	0	0
liver		<50>	<50>	<50>	<50>
	leukemic cell infiltration	8	9	12	11
	metastasis:uterus tumor	6	10	5	11
< a > a : Number of animals examined at the site b b : Number of animals with lesion					

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 7

Organ	Findings	Group Name No. of Animals on Study	Control 50	2500 ppm 50	5000 ppm 50	10000 ppm 50
{Digestive system}						
gall bladd			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	1	0
pancreas			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	4	3
	metastasis:uterus tumor		1	1	0	0
{Urinary system}						
kidney			<50>	<50>	<50>	<50>
	leukemic cell infiltration		2	6	9	4
	metastasis:uterus tumor		2	4	0	4
urin bladd			<50>	<50>	<50>	<50>
	leukemic cell infiltration		3	1	5	3
{Endocrine system}						
pituitary			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	1	1
adrenal			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	0	2
{Reproductive system}						
ovary			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	3	6	7
	metastasis:uterus tumor		4	10	3	8
< a > a : Number of animals examined at the site						
b b : Number of animals with lesion						

STUDY NO. : 0613
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 8

Organ	Findings	Group Name No. of Animals on Study	Control 50	2500 ppm 50	5000 ppm 50	10000 ppm 50
{Reproductive system}						
uterus			<50>	<50>	<50>	<50>
	leukemic cell infiltration		3	1	0	3
vagina			<50>	<50>	<50>	<50>
	metastasis:uterus tumor		0	0	0	1
{Nervous system}						
brain			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	2	1	0
{Special sense organs/appendage}						
Harder gl			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	1	1
{Musculoskeletal system}						
muscle			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	2	1
{Body cavities}						
mediastinum			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	0	0
	metastasis:uterus tumor		0	0	0	1
peritoneum			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	1	0	3
	metastasis:uterus tumor		0	0	0	1
< a > a : Number of animals examined at the site b b : Number of animals with lesion						

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 9

		Group Name	Control	2500 ppm	5000 ppm	10000 ppm
		No. of Animals on Study	50	50	50	50
Organ_____	Findings_____					
<hr/>						
{Body cavities}						
retroperit		<50>	<50>	<50>	<50>	<50>
	leukemic cell infiltration	1	1	0	0	0
<hr/>						
< a >	a : Number of animals examined at the site					
b	b : Number of animals with lesion					
<hr/>						
(JPT150)		BAIS4				

BAIS4

TABLE R 1

CAUSE OF DEATH: MALE

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
SEX : MALE

COUSE OF DEATH (SUMMARY)
(0-105W)

PAGE : 1

Group Name	Control	5000 ppm	10000 ppm	20000 ppm
Number of Dead and Moribund Animal	15	17	14	9
no microscop confirm	1	0	3	0
hepatic lesion	0	1	0	0
body cavity lesion	1	0	0	0
central nervo lesion	0	0	0	1
urinary retention	2	1	0	0
arteritis	0	1	0	0
hydronephrosis	0	1	0	0
tumor d:leukemia	7	2	3	0
tumor d:subcutis	0	1	0	1
tumor d:lung	0	1	1	0
tumor d:spleen	1	0	1	0
tumor d:liver	3	7	4	7
tumor d:urin bladd	0	0	1	0
tumor d:periph nerv	0	0	1	0
tumor d:bone	0	1	0	0
tumor d:pleura	0	1	0	0

(BI0120)

BAIS4

TABLE R 2

CAUSE OF DEATH: FEMALE

STUDY NO. : 0613
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : FEMALE

COUSE OF DEATH (SUMMARY)
(0-105W)

PAGE : 2

Group Name	Control	2500 ppm	5000 ppm	10000 ppm
Number of Dead and Moribund Animal	21	24	19	30
cardiovascular les	0	1	0	0
reproductive sy les	0	0	0	1
body cavity lesion	0	0	0	1
urinary retention	2	1	0	0
arteritis	0	0	1	0
hydronephrosis	3	0	1	1
peritonitis	1	0	0	0
tumor d:leukemia	6	10	9	12
tumor d:subcutis	0	1	0	0
tumor d:lung	0	0	0	1
tumor d:liver	1	0	1	2
tumor d:pituitary	1	0	0	1
tumor d:thyroid	0	0	0	1
tumor d:ovary	0	0	1	0
tumor d:uterus	6	10	6	10
tumor d:brain	1	0	0	0
tumor d:muscle	0	1	0	0

(BI0120)

BAIS4