

2-アミノ-4-クロロフェノールのマウスを用いた
経口投与によるがん原性試験（混餌試験）報告書

試験番号：0580

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TABLE A 1

SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0580

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
512 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
1280 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
3200 ppm	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
Number of survival/ Number of effective animals Survival rate(%)															

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BAIS4

STUDY NO. : 0580
 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
512 ppm	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	49/50
		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	98.0
1280 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
3200 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. : 0580
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	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		100.0	100.0	100.0	100.0	100.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
512 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
1280 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
3200 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	48/50	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	96.0	96.0
Number of survival/ Number of effective animals Survival rate(%)															

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BAIS4

STUDY NO. : 0580
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	49/50	49/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	47/50
		98.0	98.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	94.0
512 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
1280 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
3200 ppm	50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	47/50	47/50	47/50
		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	94.0	94.0	94.0
Number of survival/ Number of effective animals Survival rate(%)															

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BAIS4

STUDY NO. : 0580
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	47/50	47/50	47/50	47/50	47/50	47/50	47/50	46/50	46/50	46/50	45/50	44/50	43/50	43/50
		94.0	94.0	94.0	94.0	94.0	94.0	94.0	92.0	92.0	92.0	90.0	88.0	86.0	86.0
512 ppm	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	48/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
1280 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	48/50	48/50	48/50	47/50	47/50	47/50	47/50	47/50
		98.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0	94.0	94.0	94.0	94.0	94.0
3200 ppm	50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50
		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
Number of survival/ Number of effective animals															
Survival rate(%)															

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BAIS4

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Crj[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	43/50	43/50	43/50	43/50	43/50	43/50	43/50	43/50	43/50	43/50	43/50	43/50	43/50	42/50
		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	84.0
512 ppm	50	48/50	47/50	46/50	46/50	46/50	46/50	46/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50
		96.0	94.0	92.0	92.0	92.0	92.0	92.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1280 ppm	50	46/50	46/50	46/50	46/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	44/50	44/50
		92.0	92.0	92.0	92.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	88.0	88.0
3200 ppm	50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	45/50	45/50	45/50	45/50
		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	90.0	90.0	90.0	90.0
Number of survival/ Number of effective animals Survival rate(%)															

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STUDY NO. : 0580
 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	42/50	42/50	40/50	39/50	39/50	38/50	37/50	37/50	37/50	37/50	37/50	36/50	36/50	36/50
		84.0	84.0	80.0	78.0	78.0	76.0	74.0	74.0	74.0	74.0	74.0	72.0	72.0	72.0
512 ppm	50	45/50	45/50	45/50	44/50	44/50	43/50	43/50	43/50	42/50	41/50	40/50	40/50	40/50	39/50
		90.0	90.0	90.0	88.0	88.0	86.0	86.0	86.0	84.0	82.0	80.0	80.0	80.0	78.0
1280 ppm	50	43/50	43/50	43/50	41/50	41/50	41/50	41/50	41/50	40/50	40/50	40/50	40/50	39/50	38/50
		86.0	86.0	86.0	82.0	82.0	82.0	82.0	82.0	80.0	80.0	80.0	80.0	78.0	76.0
3200 ppm	50	45/50	45/50	45/50	44/50	44/50	43/50	42/50	42/50	41/50	40/50	40/50	40/50	38/50	38/50
		90.0	90.0	90.0	88.0	88.0	86.0	84.0	84.0	82.0	80.0	80.0	80.0	76.0	76.0
Number of survival/ Number of effective animals Survival rate(%)															

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BAIS4

STUDY NO. : 0580
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	34/50	34/50	34/50	33/50	33/50	33/50	33/50
		68.0	68.0	68.0	66.0	66.0	66.0	66.0
512 ppm	50	38/50	37/50	37/50	36/50	35/50	35/50	34/50
		76.0	74.0	74.0	72.0	70.0	70.0	68.0
1280 ppm	50	38/50	38/50	38/50	38/50	38/50	38/50	36/50
		76.0	76.0	76.0	76.0	76.0	76.0	72.0
3200 ppm	50	38/50	38/50	37/50	36/50	36/50	36/50	35/50
		76.0	76.0	74.0	72.0	72.0	72.0	70.0
Number of survival/ Number of effective animals Survival rate(%)								

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BAIS4

TABLE A 2

SURVIVAL ANIMAL NUMBERS: FEMALE

STUDY NO. : 0580
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
512 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
1280 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
3200 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. : 0580
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
512 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
1280 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
3200 ppm	50	50/50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		100.0	100.0	100.0	100.0	100.0	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. : 0580
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
512 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
1280 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
3200 ppm	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	48/50	48/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[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
512 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
1280 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
3200 ppm	50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50
		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104
 SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

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	50/50	50/50	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	100.0	100.0	98.0	98.0	98.0	98.0
512 ppm	50	50/50	50/50	49/50	49/50	49/50	48/50	48/50	48/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50
		100.0	100.0	98.0	98.0	98.0	96.0	96.0	96.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1280 ppm	50	50/50	50/50	50/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		100.0	100.0	100.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
3200 ppm	50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	47/50
		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	94.0
Number of survival/ Number of effective animals																
Survival rate(%)																

(HAN360)

BAIS4

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Crj[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	49/50	49/50	49/50	49/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50
		98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
512 ppm	50	47/50	47/50	47/50	47/50	47/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	44/50	44/50
		94.0	94.0	94.0	94.0	94.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	88.0	88.0
1280 ppm	50	49/50	49/50	49/50	48/50	48/50	48/50	48/50	48/50	47/50	47/50	47/50	47/50	47/50	47/50
		98.0	98.0	98.0	96.0	96.0	96.0	96.0	96.0	94.0	94.0	94.0	94.0	94.0	94.0
3200 ppm	50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	46/50	44/50	44/50	44/50	44/50	44/50
		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	92.0	88.0	88.0	88.0	88.0	88.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0580
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	48/50	48/50	47/50	47/50	47/50	47/50	45/50	44/50	43/50	42/50	41/50	40/50	40/50	40/50
		96.0	96.0	94.0	94.0	94.0	94.0	90.0	88.0	86.0	84.0	82.0	80.0	80.0	80.0
512 ppm	50	44/50	43/50	43/50	43/50	43/50	41/50	41/50	40/50	39/50	39/50	39/50	38/50	38/50	37/50
		88.0	86.0	86.0	86.0	86.0	82.0	82.0	80.0	78.0	78.0	78.0	76.0	76.0	74.0
1280 ppm	50	46/50	45/50	44/50	42/50	41/50	40/50	40/50	38/50	37/50	37/50	36/50	36/50	35/50	34/50
		92.0	90.0	88.0	84.0	82.0	80.0	80.0	76.0	74.0	74.0	72.0	72.0	70.0	68.0
3200 ppm	50	41/50	41/50	41/50	39/50	39/50	39/50	38/50	38/50	37/50	37/50	36/50	36/50	36/50	35/50
		82.0	82.0	82.0	78.0	78.0	78.0	76.0	76.0	74.0	74.0	72.0	72.0	72.0	70.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 16

Group Name	Animals At start	Administration (Weeks)						
		98	99	100	101	102	103	104
Control	50	36/50	36/50	36/50	35/50	34/50	34/50	34/50
		72.0	72.0	72.0	70.0	68.0	68.0	68.0
512 ppm	50	34/50	34/50	34/50	31/50	29/50	29/50	28/50
		68.0	68.0	68.0	62.0	58.0	58.0	56.0
1280 ppm	50	33/50	33/50	33/50	33/50	30/50	29/50	28/50
		66.0	66.0	66.0	66.0	60.0	58.0	56.0
3200 ppm	50	34/50	34/50	34/50	31/50	30/50	30/50	30/50
		68.0	68.0	68.0	62.0	60.0	60.0	60.0
Number of survival/ Number of effective animals		Survival rate(%)						

(HAN360)

BAIS4

TABLE B 1

CLINICAL OBSERVATION: MALE

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[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
	512 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	1	1	1	1	1	1	1	1	1	1	1	2	2	2
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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	1	2	2	2	2	2	2	2	2	2	2	2	3	3
	512 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	3200 ppm	2	2	2	2	2	2	2	2	2	2	3	3	3	3
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0

STUDY NO. : 0580
 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	3	3	3	3	3	3	4	4	4	5	6	7	7	7
	512 ppm	1	1	1	1	1	1	2	2	2	2	2	2	2	2
	1280 ppm	1	1	1	1	1	2	2	2	3	3	3	3	3	3
	3200 ppm	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	1280 ppm	0	0	0	1	1	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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	7	7	7	7	7	7	7	7	7	7	7	7	8	8
	512 ppm	3	4	4	4	4	4	4	4	4	4	4	4	4	4
	1280 ppm	3	3	3	4	4	4	4	4	4	4	4	5	5	6
	3200 ppm	3	3	3	3	3	3	3	3	3	5	5	5	5	5
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	1280 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	1	1	1	1	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	1	1	1	1	1	2	1	1	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	1	1	1	1	1	0	0	0	0	0

STUDY NO. : 0580
 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													
		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	8	10	11	11	12	13	13	13	13	13	14	14	14	15
	512 ppm	4	4	5	5	5	5	5	6	7	8	8	8	9	10
	1280 ppm	6	6	8	8	8	8	8	9	9	9	9	10	11	11
	3200 ppm	5	5	6	6	7	7	7	8	9	9	9	11	11	11
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	512 ppm	1	1	1	1	2	2	2	2	2	2	2	2	2	2
	1280 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3200 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	1	1	1	1	0	0	0
	3200 ppm	1	1	1	0	0	1	1	1	1	1	1	1	1	1
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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	1	1	0	0	0	0
	512 ppm	1	1	1	1	0	1	1	1	0	0	1	1	1	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1

STUDY NO. : 0580
 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	15	15	16	16	16	16
	512 ppm	11	11	12	13	13	14
	1280 ppm	11	11	11	11	11	11
	3200 ppm	11	12	13	13	13	14
MORIBUND SACRIFICE	Control	1	1	1	1	1	1
	512 ppm	2	2	2	2	2	2
	1280 ppm	1	1	1	1	1	3
	3200 ppm	1	1	1	1	1	1
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	1	1	0	0	0	0
WASTING	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	2	2	2	1
	3200 ppm	0	0	0	0	0	0
PILOERECTION	Control	1	1	0	0	1	1
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	1	2	0
	3200 ppm	1	1	0	0	0	1

STUDY NO. : 0580
 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
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRIMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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													
		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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRIMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRIMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRIMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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													
		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
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRIMATION	Control	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	1	1	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	1	1	1	1	1	1	1	2	2
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	1	0	0	0	0	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	3200 ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRIMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	1	1	1	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	1	2	2	2
	1280 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	1
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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				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												
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	512 ppm	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	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	1	1	0	0	0	0
	512 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACRIMATION	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	512 ppm	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	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	3	3	3	2
	512 ppm	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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
FROG BELLY	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	1	1	1	1	1
	3200 ppm	0	0	0	0	0	1
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	1	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
LACRIMATION	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
EXTERNAL MASS	Control	2	2	2	3	3	3
	512 ppm	1	1	1	1	2	2
	1280 ppm	1	1	1	5	5	3
	3200 ppm	0	0	0	3	3	1

STUDY NO. : 0580
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
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	1	2	2
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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
INTERNAL MASS	Control	2	2	2	2	2	2	2	3	3	3	3	3	3	3
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	1	1	1	1	1	1	1	1	1	1	1	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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
INTERNAL MASS	Control	3	3	3	2	3	3	3	3	3	3	3	3	3	3
	512 ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3200 ppm	0	0	0	0	1	1	1	2	2	2	2	1	1	1
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
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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
INTERNAL MASS	Control	3	2	2	2	2	2	2	2	2	2	2	1	1	1
	512 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	2	2	2	2	2	2	2	2	3	3	3	2	2	2
	3200 ppm	1	1	1	1	1	1	1	1	2	2	2	2	2	2
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
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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
INTERNAL MASS	Control	1	1	1	1	1	1	0	0	0	0	1	0	2	1
	512 ppm	1	1	1	1	1	1	1	1	3	3	3	2	2	2
	1280 ppm	2	2	2	2	2	1	1	1	2	2	2	2	2	1
	3200 ppm	2	2	2	3	3	2	2	2	2	2	2	2	2	2
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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
INTERNAL MASS	Control	1	1	3	2	2	2	2	2	2	2	2	3	3	3
	512 ppm	1	1	2	2	2	2	2	3	3	3	3	3	4	4
	1280 ppm	1	1	1	2	3	3	3	2	3	3	3	3	3	2
	3200 ppm	2	2	3	2	2	2	2	4	4	3	3	4	4	4
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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													
		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
INTERNAL MASS	Control	3	3	2	3	2	1	1	1	2	2	1	1	1	3
	512 ppm	4	4	4	3	3	3	5	4	3	1	1	1	1	2
	1280 ppm	3	7	5	3	3	5	8	8	8	8	8	8	7	9
	3200 ppm	5	5	4	4	4	4	4	3	3	4	4	3	3	5
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	1	1	1	1	0	0	0	0	0	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	1	1	1	1	1	1	1	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	1	1	1	0	0
	3200 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
	512 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ANUS	Control	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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					
		99-7	100-7	101-7	102-7	103-7	104-7
INTERNAL MASS	Control	4	7	7	9	9	10
	512 ppm	1	1	1	5	8	6
	1280 ppm	9	10	11	12	13	13
	3200 ppm	5	5	4	5	5	4
M. EYE	Control	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
M. PERI-MOUTH	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	1
	1280 ppm	0	0	0	0	0	1
	3200 ppm	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	1	1	1
	512 ppm	1	1	1	1	1	0
	1280 ppm	0	0	0	2	2	1
	3200 ppm	0	0	0	3	3	0
M. ANTERIOR. DORSUM	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	1	1
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0
	512 ppm	1	1	1	0	0	0
	1280 ppm	0	0	0	2	2	0
	3200 ppm	0	0	0	0	0	0
M. ANUS	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0

STUDY NO. : 0580
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. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TORTICOLLIS	Control	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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. TAIL	Control	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	1280 ppm	0	0	0	1	1	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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													
		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. TAIL	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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	1	1	1	1	1
	512 ppm	1	1	1	0	1	1	1	1	1	1	1	1	1	1
	1280 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	3200 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	1	1	1	0	1	0
	3200 ppm	0	0	0	0	0	1	1	2	2	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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
M. TAIL	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3200 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	1	1	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	1	0	0	0	0	0	0	0	1	0	1	1	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	1280 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3200 ppm	1	1	1	1	1	2	2	2	1	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	1	1	1	1	0	0	0	0	0	0	1	1	1	0
	1280 ppm	0	0	0	0	0	1	1	0	0	0	1	0	0	0
	3200 ppm	0	0	1	1	1	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	3200 ppm	0	0	0	1	1	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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
M. TAIL	Control	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0
	1280 ppm	1	1	1	1	1	1
	3200 ppm	0	0	0	0	0	1
ANEMIA	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0
	512 ppm	1	1	1	0	0	0
	1280 ppm	0	1	3	3	3	2
	3200 ppm	0	0	0	0	0	0
CRUSTA	Control	1	1	1	1	1	1
	512 ppm	0	0	0	1	1	0
	1280 ppm	1	1	1	2	3	3
	3200 ppm	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	1	1	1	1	1	1
	3200 ppm	1	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	1	0
	3200 ppm	0	1	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0

STUDY NO. : 0580
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
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	49	50	50	50	50	50	50	50	50	50	50	49	47	46
	512 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	1280 ppm	50	50	50	50	50	50	50	50	50	49	49	49	49	49
	3200 ppm	50	50	50	50	50	50	50	50	49	49	49	49	49	49

(HAN190)

BAIS 4

STUDY NO. : 0580
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
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	46	48	47	47	47	47	47	46	46	46	46	46	46	46
	512 ppm	50	50	50	50	50	50	50	50	49	49	49	49	49	49
	1280 ppm	49	49	49	49	49	49	49	49	49	49	49	50	50	50
	3200 ppm	49	49	49	49	49	49	49	49	49	49	49	48	48	48

(HAN190)

BAIS 4

STUDY NO. : 0580
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
SMALL STOOL	Control	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	46	46	46	47	46	46	46	46	46	46	46	46	46	46
	512 ppm	49	49	48	48	48	48	48	48	48	48	48	48	48	48
	1280 ppm	48	48	48	48	48	48	48	48	48	48	48	48	48	48
	3200 ppm	48	49	49	49	48	48	48	47	47	47	47	47	47	47

(HAN190)

BAIS 4

STUDY NO. : 0580
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
SMALL STOOL	Control	0	0	0	0	0	0	0	0	1	1	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	1	1	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	1	1	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	1	0	0	1	0	0
	3200 ppm	0	0	0	0	0	0	0	0	1	1	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
NON REMARKABLE	Control	46	46	46	46	46	46	46	46	45	45	46	47	46	46
	512 ppm	48	48	48	48	48	48	48	48	48	48	48	48	48	48
	1280 ppm	48	48	48	48	48	48	48	48	46	47	47	47	48	47
	3200 ppm	47	47	47	47	47	47	47	47	45	45	45	45	45	45

(HAN190)

BAIS 4

STUDY NO. : 0580
 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													
		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
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	1280 ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	1	1	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	1	1	0	0	0
	512 ppm	0	0	0	0	1	1	0	0	1	1	1	1	1	2
	1280 ppm	0	0	0	1	1	0	0	0	0	0	0	0	1	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	46	46	45	45	45	45	45	45	45	43	41	40	39	40
	512 ppm	47	47	47	47	46	46	46	46	44	44	44	44	44	43
	1280 ppm	47	47	47	46	46	46	46	46	44	44	44	44	42	43
	3200 ppm	45	45	45	44	43	44	45	45	45	45	45	45	45	45

(HAN190)

BAIS 4

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/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
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	1	1	1	1	1	1	0	0	1	1	1	1	2	2
	1280 ppm	0	0	0	0	0	1	0	0	0	1	1	0	0	1
	3200 ppm	0	0	0	0	0	1	1	1	2	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	1	1	1	1	2	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	40	40	38	39	39	39	39	39	39	39	38	37	36	36
	512 ppm	44	43	42	43	43	42	42	41	41	41	39	39	38	38
	1280 ppm	43	43	43	40	39	38	39	40	39	39	39	39	39	38
	3200 ppm	45	45	44	44	43	43	43	41	41	41	41	40	40	40

(HAN190)

BAIS 4

STUDY NO. : 0580
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													
		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
SMALL STOOL	Control	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	2	2	1	1	0	1	0	1	0	0	1	0	1	1
	1280 ppm	2	2	0	0	0	0	0	0	0	0	1	1	0	0
	3200 ppm	0	0	0	0	0	1	1	1	0	0	1	0	0	0
OLIGO-STOOL	Control	0	1	0	0	0	0	0	0	0	0	0	0	1	1
	512 ppm	1	1	1	1	1	0	0	1	0	0	1	1	1	1
	1280 ppm	1	1	0	0	1	1	1	1	1	1	1	0	0	0
	3200 ppm	0	0	1	1	1	0	0	0	1	1	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	36	35	35	34	34	34	33	33	33	33	32	30	29	28
	512 ppm	38	38	38	39	39	39	37	37	37	38	37	37	36	34
	1280 ppm	37	34	34	36	35	33	30	29	29	29	29	29	29	27
	3200 ppm	39	39	38	38	37	36	36	36	35	35	35	34	34	32

(HAN190)

BAIS 4

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/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
SMALL STOOL	Control	0	0	1	1	1	1
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	1	0
	3200 ppm	1	3	2	2	3	2
OLIGO-STOOL	Control	2	2	0	0	0	0
	512 ppm	0	0	0	0	1	0
	1280 ppm	2	2	2	1	1	0
	3200 ppm	1	2	2	2	2	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
NON REMARKABLE	Control	27	24	23	21	21	21
	512 ppm	34	34	33	29	25	26
	1280 ppm	26	24	23	20	19	19
	3200 ppm	32	31	31	27	26	28

(HAN190)

BAIS 4

TABLE B 2

CLINICAL OBSERVATION: FEMALE

STUDY NO. : 0580
 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
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/CrJ[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
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	1	1	1	1	1	1	1	1	1	1	2	2	2	2
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

PAGE : 44

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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/CrJ[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
DEATH	Control	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	512 ppm	0	1	1	1	2	2	2	3	3	3	3	3	3	3
	1280 ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	3200 ppm	2	2	2	2	2	2	2	2	2	2	2	2	3	3
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	1280 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	512 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	3	3	3	3	4	4	4	4	4	4	4	6	6	6
	1280 ppm	1	1	2	2	2	2	2	3	3	3	3	3	3	3
	3200 ppm	3	3	3	3	3	3	3	4	6	6	6	6	6	9
MORIBUND SACRIFICE	Control	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTOR	Control	0	0	1	1	0	0	0	0	0	0	1	1	1	1
	512 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	1	1	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	1	1	1	1	2	2	1	1	1	1	1	1	1	1
	512 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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	1	2	2	2	2	4	5	6	7	8	9	9	9	13
	512 ppm	6	6	6	6	8	8	9	10	10	10	11	11	12	15
	1280 ppm	4	5	7	8	9	9	11	12	12	13	13	14	14	15
	3200 ppm	9	9	11	11	11	12	12	13	13	14	14	14	15	16
MORIBUND SACRIFICE	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	1	1	1	1	1	1	1	1	1	1	1	1	2	2
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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	1	1	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	1	0	0	0	1	1	0	0	0	1	0	1	1	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	1	1	0	0	0	0	0	0	0	0	0	0	1	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	1280 ppm	0	0	0	1	1	1	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	0
GUM	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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	13	13	14	15	15	15
	512 ppm	15	15	18	20	20	21
	1280 ppm	15	15	15	17	18	19
	3200 ppm	16	16	18	19	19	19
MORIBUND SACRIFICE	Control	1	1	1	1	1	1
	512 ppm	1	1	1	1	1	1
	1280 ppm	2	2	2	3	3	3
	3200 ppm	0	0	1	1	1	1
PARALYTIC GAIT	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	1	1
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0
	512 ppm	1	1	1	0	0	0
	1280 ppm	0	0	0	0	1	0
	3200 ppm	0	0	0	0	0	0
TRAUMA	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	1	0	0	0
	3200 ppm	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0
	512 ppm	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0

STUDY NO. : 0580
 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
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	3200 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	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	1	1	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3200 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	1	1	1	1	2
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	1	1	1	1	1	2	2	2	2	2	2
	1280 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	3200 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	0	1	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
INTERNAL MASS	Control	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	512 ppm	2	1	1	1	1	1	1	0	0	0	0	0	0	0
	1280 ppm	1	1	1	1	1	1	1	1	1	1	1	1	2	2
	3200 ppm	1	1	1	1	1	2	2	2	2	2	2	2	1	0
M. NOSE	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 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
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEFECT OF TEETH	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1280 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	3200 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	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	1280 ppm	2	2	2	2	3	3	3	3	3	3	4	4	4	5
	3200 ppm	0	1	1	1	1	1	4	5	4	4	5	5	5	3
M. NOSE	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/CrJ[Crl: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
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	0
DEFECT OF TEETH	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	2	2	2	2	2	2	2	2	2	2	2	2	2	1
	512 ppm	0	0	0	0	0	0	0	0	0	1	2	2	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	3200 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
INTERNAL MASS	Control	3	3	3	4	5	3	3	4	3	3	3	3	3	2
	512 ppm	0	0	0	0	2	3	2	2	2	3	3	4	3	3
	1280 ppm	5	4	2	3	5	5	3	3	3	2	2	2	2	2
	3200 ppm	4	4	2	2	3	2	3	3	3	3	5	5	4	5
M. NOSE	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	1	1	1	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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
CORNEAL OPACITY	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
DEFECT OF TEETH	Control	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
ABNORMAL GROWTH OF TEETH	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
MALOCCLUSION	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	1	1	1	1	1	1
	3200 ppm	0	0	0	0	0	0
EXTERNAL MASS	Control	2	3	3	3	3	3
	512 ppm	1	1	1	1	2	1
	1280 ppm	1	1	1	2	3	3
	3200 ppm	1	1	0	0	0	0
INTERNAL MASS	Control	2	2	2	2	5	5
	512 ppm	2	2	1	0	1	2
	1280 ppm	2	2	2	3	2	1
	3200 ppm	6	6	4	4	6	6
M. NOSE	Control	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
M. EAR	Control	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
M. NECK	Control	0	1	1	1	1	1
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/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. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
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. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/CrJ[Crl: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. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/CrJ[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. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. TAIL	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/CrJ[Crl: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. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. TAIL	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[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. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. TAIL	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/CrJ[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
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. TAIL	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EDEMA	Control	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	1	1	1	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
EROSION	Control	0	0	0	0	0	1	1	1	0	0	0	1	1	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
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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. BREAST	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	1	1	1	1	1	1
	3200 ppm	0	0	0	0	0	0
M. ANTERIOR. DORSUM	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	1	1	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	1	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0
	512 ppm	1	1	1	1	1	1
	1280 ppm	0	0	0	1	1	1
	3200 ppm	0	0	0	0	0	0
M. TAIL	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	1	1
	3200 ppm	1	1	0	0	0	0
EDEMA	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	1	0
	3200 ppm	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	1	1	0	0	0	0
EROSION	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

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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
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	1280 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	3200 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50

STUDY NO. : 0580
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
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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	1	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	1	0	1	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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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	49	50	50	50	50	50	50
	512 ppm	50	50	50	50	50	50	50	50	50	49	50	49	50	49
	1280 ppm	50	50	50	50	50	50	50	50	50	49	50	50	50	50
	3200 ppm	50	50	50	49	49	48	49	49	49	47	47	47	47	47

(HAN190)

BAIS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

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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
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	1	1	1	1	1	1	1	1	1	1	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	3200 ppm	0	0	0	0	0	1	0	0	1	1	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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	49	49	49	49	49	49	49
	512 ppm	49	49	49	49	49	49	49	49	49	49	49	49	49	49
	1280 ppm	50	50	50	50	50	50	50	50	50	50	49	49	49	49
	3200 ppm	47	47	47	47	47	46	47	47	47	47	47	47	47	47

(HAN190)

BAIS 4

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
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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
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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	49	48	48	49	48
	512 ppm	49	49	49	48	48	48	48	48	47	47	47	47	47	47
	1280 ppm	49	49	49	49	49	49	49	49	48	48	48	47	48	48
	3200 ppm	47	47	47	47	47	47	47	47	47	47	47	47	47	46

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
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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
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	1	1	1	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	1	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	1
	512 ppm	0	0	0	1	1	2	2	1	1	0	0	0	0	0
	1280 ppm	1	0	0	0	0	0	0	1	0	0	0	0	0	0
	3200 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
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	48	47	47	47	47	47	46	46	46	45	45	45	44	43
	512 ppm	47	47	47	47	46	45	46	46	46	46	46	46	46	46
	1280 ppm	47	48	47	47	47	47	47	46	47	47	47	47	46	46
	3200 ppm	46	45	46	46	46	45	45	45	45	45	45	45	45	46

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
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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
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	1	1	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 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	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	1280 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	3200 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
OLIGO-STOOL	Control	1	1	1	1	0	0	0	0	0	0	1	1	1	1
	512 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	1280 ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	3200 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	43	43	43	43	42	42	43	43	43	43	43	43	43	42
	512 ppm	46	46	46	46	45	45	45	45	45	45	44	43	42	42
	1280 ppm	46	46	45	45	43	43	44	43	43	43	42	41	40	39
	3200 ppm	46	45	45	45	45	45	41	40	39	39	38	38	38	37

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
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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
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1280 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	1	0	0	0	0	0	0	0	0	1	0	1	1	0
	512 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	1	0	0	0	0	0	0	1	1	1	0	0	0	1
	512 ppm	0	0	0	1	0	1	0	1	2	1	0	0	0	2
	1280 ppm	1	0	0	0	0	0	0	1	0	0	0	0	1	2
	3200 ppm	0	1	0	0	0	0	0	1	1	0	0	1	0	0
OLIGO-STOOL	Control	1	1	1	1	1	3	2	3	2	2	1	1	1	0
	512 ppm	0	0	0	1	0	0	0	2	0	0	0	0	0	0
	1280 ppm	1	0	0	1	0	0	0	0	0	0	0	0	1	1
	3200 ppm	0	0	0	0	0	0	0	1	1	0	0	2	0	1
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	41	40	40	39	38	37	37	34	34	33	33	33	33	30
	512 ppm	43	43	43	42	39	38	38	35	35	34	33	32	32	27
	1280 ppm	39	39	39	36	34	34	34	33	33	33	33	32	31	29
	3200 ppm	36	36	36	35	34	34	33	31	31	31	30	29	30	28

STUDY NO. : 0580
 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
TORTICOLLIS	Control	0	0	0	0	0	0
	512 ppm	1	1	1	1	1	1
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	1	1	1	1	2	1
	3200 ppm	1	1	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	0	0	0	0
	3200 ppm	0	0	0	0	0	0
SMALL STOOL	Control	0	1	0	0	0	0
	512 ppm	1	1	0	0	0	0
	1280 ppm	1	0	0	0	0	0
	3200 ppm	0	2	1	0	0	0
OLIGO-STOOL	Control	0	1	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	1	0	0	0
	3200 ppm	1	2	1	1	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0
	512 ppm	0	0	0	0	0	0
	1280 ppm	0	0	1	0	0	0
	3200 ppm	0	0	0	0	0	0
NON REMARKABLE	Control	31	30	30	29	26	26
	512 ppm	29	29	27	26	23	23
	1280 ppm	29	29	27	25	24	24
	3200 ppm	27	26	26	25	24	24

TABLE C 1

BODY WEIGHT CHANGES AND
SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0580
 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			512 ppm			1280 ppm			3200 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	24.0 (50)	50/50		24.0 (50)	100	50/50	24.0 (50)	100	50/50	24.0 (50)	100	50/50
1-7	25.4 (50)	50/50		25.1 (50)	99	50/50	25.1 (50)	99	50/50	24.7 (50)	97	50/50
2-7	26.4 (50)	50/50		26.1 (50)	99	50/50	25.8 (50)	98	50/50	25.8 (50)	98	50/50
3-7	27.3 (50)	50/50		27.0 (50)	99	50/50	27.0 (50)	99	50/50	26.6 (50)	97	50/50
4-7	28.2 (50)	50/50		27.7 (50)	98	50/50	27.9 (50)	99	50/50	27.3 (50)	97	50/50
5-7	29.1 (50)	50/50		28.7 (50)	99	50/50	28.8 (50)	99	50/50	28.4 (50)	98	50/50
6-7	29.7 (50)	50/50		29.4 (50)	99	50/50	29.5 (50)	99	50/50	29.1 (50)	98	50/50
7-7	30.6 (50)	50/50		30.0 (50)	98	50/50	30.2 (50)	99	50/50	29.8 (50)	97	50/50
8-7	31.2 (50)	50/50		30.9 (50)	99	50/50	30.7 (50)	98	50/50	30.2 (50)	97	50/50
9-7	31.9 (50)	50/50		31.6 (50)	99	50/50	31.5 (50)	99	50/50	31.1 (49)	97	49/50
10-7	32.3 (50)	50/50		32.0 (50)	99	50/50	32.1 (50)	99	50/50	32.0 (49)	99	49/50
11-7	33.0 (50)	50/50		32.0 (50)	97	50/50	32.4 (50)	98	50/50	32.1 (49)	97	49/50
12-7	34.3 (50)	50/50		33.4 (50)	97	50/50	33.6 (50)	98	50/50	33.4 (49)	97	49/50
13-7	35.0 (50)	50/50		34.6 (50)	99	50/50	34.5 (50)	99	50/50	34.1 (49)	97	49/50
14-7	35.4 (50)	50/50		35.2 (50)	99	50/50	35.1 (50)	99	50/50	34.8 (49)	98	49/50
18-7	37.8 (50)	50/50		37.9 (50)	100	50/50	37.7 (50)	100	50/50	37.6 (49)	99	49/50
22-7	40.0 (50)	50/50		39.4 (50)	99	50/50	39.4 (50)	99	50/50	39.1 (49)	98	49/50
26-7	42.9 (50)	50/50		42.5 (49)	99	49/50	42.0 (50)	98	50/50	41.4 (49)	97	49/50
30-7	44.5 (50)	50/50		44.1 (49)	99	49/50	43.7 (50)	98	50/50	43.0 (49)	97	49/50
34-7	46.3 (49)	49/50		46.1 (49)	100	49/50	44.8 (50)	97	50/50	44.2 (49)	95	49/50
38-7	47.5 (49)	49/50		47.5 (49)	100	49/50	46.2 (50)	97	50/50	46.2 (49)	97	49/50
42-7	49.2 (49)	49/50		48.4 (49)	98	49/50	47.7 (50)	97	50/50	47.6 (48)	97	48/50
46-7	50.7 (48)	48/50		49.9 (49)	98	49/50	49.3 (50)	97	50/50	48.9 (48)	96	48/50
50-7	51.4 (48)	48/50		49.5 (49)	96	49/50	49.3 (50)	96	50/50	49.3 (48)	96	48/50
54-7	52.1 (48)	48/50		51.2 (49)	98	49/50	50.6 (50)	97	50/50	50.9 (47)	98	47/50
58-7	52.1 (47)	47/50		50.9 (49)	98	49/50	51.1 (49)	98	49/50	50.6 (47)	97	47/50
62-7	52.8 (47)	47/50		51.6 (49)	98	49/50	52.1 (48)	99	48/50	51.2 (47)	97	47/50
66-7	53.3 (45)	45/50		52.1 (48)	98	48/50	52.2 (47)	98	47/50	51.7 (47)	97	47/50
70-7	53.4 (43)	43/50		52.9 (48)	99	48/50	52.6 (46)	99	46/50	52.4 (47)	98	47/50
74-7	54.4 (43)	43/50		53.8 (46)	99	46/50	52.9 (45)	97	45/50	53.1 (47)	98	47/50
78-7	55.0 (43)	43/50		54.4 (45)	99	45/50	52.9 (45)	96	45/50	53.4 (47)	97	47/50
82-7	53.8 (43)	43/50		53.6 (45)	100	45/50	52.8 (44)	98	44/50	53.2 (45)	99	45/50
86-7	53.3 (40)	40/50		53.4 (45)	100	45/50	52.5 (43)	98	43/50	53.0 (45)	99	45/50
90-7	54.4 (37)	37/50		55.7 (43)	102	43/50	54.0 (41)	99	41/50	53.9 (42)	99	42/50
94-7	51.8 (37)	37/50		56.4 (40)	109	40/50	51.9 (40)	100	40/50	52.5 (40)	101	40/50
98-7	51.5 (34)	34/50		54.9 (38)	107	38/50	50.4 (38)	98	38/50	52.5 (38)	102	38/50
102-7	50.5 (33)	33/50		55.1 (35)	109	35/50	49.4 (38)	98	38/50	52.6 (36)	104	36/50
104-7	48.8 (33)	33/50		53.0 (34)	109	34/50	49.3 (36)	101	36/50	51.7 (35)	106	35/50

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

TABLE C 2

BODY WEIGHT CHANGES AND
SURVIVAL ANIMAL NUMBERS: FEMALE

STUDY NO. : 0580
 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			512 ppm			1280 ppm			3200 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	19.2 (50)	50/50		19.2 (50)	100	50/50	19.2 (50)	100	50/50	19.2 (50)	100	50/50
1-7	20.1 (50)	50/50		20.1 (50)	100	50/50	19.8 (50)	99	50/50	19.7 (50)	98	50/50
2-7	20.3 (50)	50/50		20.5 (50)	101	50/50	20.2 (50)	100	50/50	20.2 (50)	100	50/50
3-7	20.9 (50)	50/50		20.9 (50)	100	50/50	20.9 (50)	100	50/50	20.6 (50)	99	50/50
4-7	21.3 (50)	50/50		21.3 (50)	100	50/50	21.2 (50)	100	50/50	21.2 (50)	100	50/50
5-7	22.1 (50)	50/50		22.1 (50)	100	50/50	22.0 (50)	100	50/50	21.9 (50)	99	50/50
6-7	22.5 (50)	50/50		22.3 (50)	99	50/50	22.4 (50)	100	50/50	22.4 (50)	100	50/50
7-7	22.7 (50)	50/50		23.0 (50)	101	50/50	22.8 (50)	100	50/50	22.8 (50)	100	50/50
8-7	23.6 (50)	50/50		23.7 (50)	100	50/50	23.2 (50)	98	50/50	23.6 (50)	100	50/50
9-7	24.0 (50)	50/50		24.2 (50)	101	50/50	23.6 (50)	98	50/50	23.7 (50)	99	50/50
10-7	24.2 (50)	50/50		24.7 (50)	102	50/50	24.0 (50)	99	50/50	24.1 (50)	100	50/50
11-7	24.7 (50)	50/50		24.8 (50)	100	50/50	24.0 (50)	97	50/50	24.2 (50)	98	50/50
12-7	24.8 (50)	50/50		25.1 (50)	101	50/50	24.6 (50)	99	50/50	24.7 (50)	100	50/50
13-7	25.8 (50)	50/50		25.8 (50)	100	50/50	25.1 (50)	97	50/50	25.3 (50)	98	50/50
14-7	26.3 (50)	50/50		26.2 (50)	100	50/50	25.6 (50)	97	50/50	25.8 (50)	98	50/50
18-7	27.5 (50)	50/50		27.9 (50)	101	50/50	27.0 (50)	98	50/50	27.2 (50)	99	50/50
22-7	29.0 (50)	50/50		29.2 (50)	101	50/50	28.7 (50)	99	50/50	28.9 (49)	100	49/50
26-7	31.2 (50)	50/50		31.4 (50)	101	50/50	30.5 (50)	98	50/50	30.3 (49)	97	49/50
30-7	32.0 (50)	50/50		32.7 (50)	102	50/50	31.7 (50)	99	50/50	31.4 (49)	98	49/50
34-7	33.4 (50)	50/50		33.9 (50)	101	50/50	32.6 (50)	98	50/50	32.4 (49)	97	49/50
38-7	34.7 (50)	50/50		35.3 (50)	102	50/50	34.4 (50)	99	50/50	34.6 (49)	100	49/50
42-7	35.9 (50)	50/50		36.8 (50)	103	50/50	35.4 (50)	99	50/50	36.3 (48)	101	48/50
46-7	37.0 (50)	50/50		37.7 (50)	102	50/50	36.3 (50)	98	50/50	37.6 (48)	102	48/50
50-7	37.4 (50)	50/50		38.8 (50)	104	50/50	36.9 (50)	99	50/50	38.1 (48)	102	48/50
54-7	39.0 (50)	50/50		40.1 (50)	103	50/50	38.6 (50)	99	50/50	39.5 (48)	101	48/50
58-7	38.8 (50)	50/50		39.8 (49)	103	49/50	38.6 (50)	99	50/50	39.2 (48)	101	48/50
62-7	39.1 (50)	50/50		40.0 (48)	102	48/50	38.9 (49)	99	49/50	39.8 (48)	102	48/50
66-7	39.7 (49)	49/50		41.1 (47)	104	47/50	39.5 (49)	99	49/50	40.6 (48)	102	48/50
70-7	39.5 (49)	49/50		41.3 (47)	105	47/50	39.7 (49)	101	49/50	40.6 (47)	103	47/50
74-7	40.0 (49)	49/50		41.7 (47)	104	47/50	40.2 (48)	101	48/50	40.6 (47)	102	47/50
78-7	41.3 (48)	48/50		42.3 (46)	102	46/50	40.6 (47)	98	47/50	41.2 (46)	100	46/50
82-7	40.1 (48)	48/50		42.5 (44)	106	44/50	39.9 (47)	100	47/50	40.8 (44)	102	44/50
86-7	39.8 (47)	47/50		42.8 (43)	108	43/50	40.8 (44)	103	44/50	40.7 (41)	102	41/50
90-7	39.9 (45)	45/50		43.3 (41)	109	41/50	41.3 (40)	104	40/50	41.0 (38)	103	38/50
94-7	39.0 (41)	41/50		41.7 (39)	107	39/50	41.4 (36)	106	36/50	40.3 (36)	103	36/50
98-7	40.8 (36)	36/50		41.6 (34)	102	34/50	41.0 (33)	100	33/50	40.1 (34)	98	34/50
102-7	40.5 (34)	34/50		41.3 (29)	102	29/50	41.5 (30)	102	30/50	38.8 (30)	96	30/50
104-7	39.6 (34)	34/50		39.1 (28)	99	28/50	40.6 (28)	103	28/50	38.1 (30)	96	30/50

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

TABLE C 3

BODY WEIGHT CHANGES: MALE

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/CrJ[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	
Control	24.0±	0.8	25.4±	1.2	26.4±	1.3	27.3±	1.4	28.2±	1.5	29.1±	1.6
512 ppm	24.0±	0.8	25.1±	1.0	26.1±	0.9	27.0±	1.1	27.7±	1.3	28.7±	1.4
1280 ppm	24.0±	0.8	25.1±	1.0	25.8±	1.3*	27.0±	1.4	27.9±	1.5	28.8±	1.8
3200 ppm	24.0±	0.8	24.7±	1.2**	25.8±	1.2*	26.6±	1.6	27.3±	1.9**	28.4±	1.7

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
 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	30.6± 1.7	31.2± 1.7	31.9± 2.0	32.3± 2.3	33.0± 2.4	34.3± 2.3	35.0± 2.6
512 ppm	30.0± 1.7	30.9± 1.7	31.6± 1.8	32.0± 2.1	32.0± 2.1	33.4± 1.9	34.6± 2.0
1280 ppm	30.2± 1.9	30.7± 2.1	31.5± 2.2	32.1± 2.2	32.4± 2.3	33.6± 2.6	34.5± 2.8
3200 ppm	29.8± 2.1	30.2± 2.4	31.1± 1.9	32.0± 2.1	32.1± 2.1	33.4± 2.3	34.1± 2.4

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
 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	
Control	35.4±	2.7	37.8±	3.8	40.0±	4.3	42.9±	4.9	44.5±	4.9	46.3±	4.5
512 ppm	35.2±	2.2	37.9±	2.5	39.4±	3.9	42.5±	3.2	44.1±	3.3	46.1±	3.4
1280 ppm	35.1±	2.8	37.7±	3.4	39.4±	4.0	42.0±	4.1	43.7±	4.3	44.8±	4.2
3200 ppm	34.8±	2.4	37.6±	2.8	39.1±	3.3	41.4±	4.1	43.0±	4.0	44.2±	4.3*

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 4

Group Name	Administration 42-7	week-day 46-7	50-7	54-7	58-7	62-7	66-7
Control	49.2± 4.0	50.7± 3.8	51.4± 3.3	52.1± 3.1	52.1± 3.9	52.8± 4.1	53.3± 4.0
512 ppm	48.4± 3.5	49.9± 3.2	49.5± 3.7*	51.2± 3.3	50.9± 4.0	51.6± 4.4	52.1± 5.6
1280 ppm	47.7± 3.9	49.3± 3.7	49.3± 4.3*	50.6± 4.5	51.1± 4.3	52.1± 4.4	52.2± 4.5
3200 ppm	47.6± 3.9	48.9± 4.1	49.3± 3.9*	50.9± 3.8	50.6± 4.3	51.2± 5.0	51.7± 4.6

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
 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	53.4± 3.8	54.4± 4.0	55.0± 4.6	53.8± 5.9	53.3± 5.9	54.4± 6.2	51.8± 7.0
512 ppm	52.9± 5.9	53.8± 6.2	54.4± 6.6	53.6± 6.7	53.4± 8.4	55.7± 6.7	56.4± 5.1*
1280 ppm	52.6± 4.7	52.9± 5.2	52.9± 6.1	52.8± 6.1	52.5± 7.7	54.0± 6.9	51.9± 8.1
3200 ppm	52.4± 5.3	53.1± 5.3	53.4± 6.8	53.2± 4.8	53.0± 6.0	53.9± 6.4	52.5± 6.2

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
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	51.5± 7.5	50.5± 7.9	48.8± 8.5
512 ppm	54.9± 6.1	55.1± 6.5*	53.0± 6.9
1280 ppm	50.4± 7.9	49.4± 9.7	49.3± 8.4
3200 ppm	52.5± 6.3	52.6± 7.3	51.7± 7.2

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. : 0580
 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	19.2± 0.8	20.1± 1.0	20.3± 1.2	20.9± 1.2	21.3± 1.2	22.1± 1.3	22.5± 1.3
512 ppm	19.2± 0.8	20.1± 1.0	20.5± 1.0	20.9± 1.0	21.3± 1.1	22.1± 1.2	22.3± 1.3
1280 ppm	19.2± 0.8	19.8± 1.0	20.2± 1.2	20.9± 1.4	21.2± 1.4	22.0± 1.4	22.4± 1.4
3200 ppm	19.2± 0.8	19.7± 1.1	20.2± 1.1	20.6± 1.1	21.2± 1.3	21.9± 1.3	22.4± 1.5

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
 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	
Control	22.7±	1.2	23.6±	1.5	24.0±	1.7	24.2±	1.9	24.7±	1.9	24.8±	2.1
512 ppm	23.0±	1.5	23.7±	1.5	24.2±	1.6	24.7±	1.9	24.8±	2.2	25.1±	2.3
1280 ppm	22.8±	1.7	23.2±	1.6	23.6±	1.9	24.0±	1.8	24.0±	2.0	24.6±	2.1
3200 ppm	22.8±	1.5	23.6±	1.5	23.7±	1.5	24.1±	1.8	24.2±	1.9	24.7±	1.7

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

Test of Dunnett

(HAN260)

BATS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[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	26.3±	2.4	27.5±	2.9	29.0±	3.4	31.2±	3.6	32.0±	4.1	33.4±	4.4	34.7±	4.3
512 ppm	26.2±	2.3	27.9±	2.8	29.2±	3.0	31.4±	3.9	32.7±	3.9	33.9±	4.3	35.3±	4.4
1280 ppm	25.6±	2.3	27.0±	2.9	28.7±	3.5	30.5±	3.8	31.7±	4.3	32.6±	4.3	34.4±	4.8
3200 ppm	25.8±	2.3	27.2±	2.9	28.9±	3.6	30.3±	3.6	31.4±	3.8	32.4±	4.0	34.6±	4.8

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
 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	35.9± 4.6	37.0± 5.0	37.4± 5.4	39.0± 5.5	38.8± 5.6	39.1± 5.6	39.7± 5.2
512 ppm	36.8± 4.4	37.7± 4.9	38.8± 5.1	40.1± 5.1	39.8± 5.5	40.0± 5.7	41.1± 5.7
1280 ppm	35.4± 4.8	36.3± 5.0	36.9± 4.8	38.6± 5.0	38.6± 5.4	38.9± 5.6	39.5± 5.4
3200 ppm	36.3± 3.9	37.6± 4.1	38.1± 4.2	39.5± 4.1	39.2± 4.5	39.8± 4.2	40.6± 4.2

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

Test of Dunnett

(HAN260)

BATS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[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	39.5± 5.7	40.0± 6.5	41.3± 6.1	40.1± 6.6	39.8± 6.2	39.9± 7.3	39.0± 7.6
512 ppm	41.3± 6.0	41.7± 5.9	42.3± 6.1	42.5± 6.0	42.8± 5.8	43.3± 5.8	41.7± 6.4
1280 ppm	39.7± 5.5	40.2± 5.2	40.6± 5.8	39.9± 6.0	40.8± 5.3	41.3± 6.0	41.4± 5.4
3200 ppm	40.6± 4.1	40.6± 4.3	41.2± 4.7	40.8± 4.8	40.7± 5.1	41.0± 5.3	40.3± 5.6

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week-day		
	98-7	102-7	104-7
Control	40.8± 5.9	40.5± 6.1	39.6± 6.1
512 ppm	41.6± 5.6	41.3± 5.9	39.1± 5.6
1280 ppm	41.0± 5.2	41.5± 5.1	40.6± 4.8
3200 ppm	40.1± 6.0	38.8± 7.2	38.1± 7.0

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

TABLE D 1

FOOD CONSUMPTION CHANGES AND
SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0580
 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		512 ppm		No. of Surviv.	1280 ppm		No. of Surviv.	3200 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	4.2 (50)	50/50	4.1 (50)	98	50/50	4.0 (50)	95	50/50	4.0 (50)	95	50/50
2-7	3.8 (50)	50/50	4.0 (50)	105	50/50	3.8 (50)	100	50/50	4.0 (50)	105	50/50
3-7	3.9 (50)	50/50	3.9 (50)	100	50/50	4.0 (50)	103	50/50	4.1 (50)	105	50/50
4-7	4.0 (50)	50/50	3.9 (50)	98	50/50	4.0 (50)	100	50/50	3.9 (50)	98	50/50
5-7	4.0 (50)	50/50	3.9 (50)	98	50/50	4.0 (50)	100	50/50	4.1 (50)	103	50/50
6-7	3.9 (50)	50/50	4.0 (50)	103	50/50	3.9 (49)	100	50/50	4.1 (50)	105	50/50
7-7	4.0 (50)	50/50	4.0 (50)	100	50/50	4.0 (50)	100	50/50	4.1 (50)	103	50/50
8-7	4.0 (50)	50/50	4.0 (50)	100	50/50	3.9 (50)	98	50/50	3.9 (50)	98	50/50
9-7	4.0 (50)	50/50	4.1 (50)	103	50/50	4.2 (50)	105	50/50	4.1 (49)	103	49/50
10-7	4.0 (50)	50/50	4.0 (50)	100	50/50	4.1 (50)	103	50/50	4.2 (49)	105	49/50
11-7	4.1 (50)	50/50	3.9 (50)	95	50/50	3.9 (50)	95	50/50	4.1 (49)	100	49/50
12-7	4.1 (50)	50/50	4.3 (50)	105	50/50	4.3 (50)	105	50/50	4.4 (49)	107	49/50
13-7	4.1 (50)	50/50	4.3 (50)	105	50/50	4.1 (50)	100	50/50	4.2 (49)	102	49/50
14-7	3.8 (50)	50/50	4.1 (50)	108	50/50	4.0 (50)	105	50/50	3.9 (49)	103	49/50
18-7	4.4 (50)	50/50	4.3 (50)	98	50/50	4.5 (50)	102	50/50	4.6 (49)	105	49/50
22-7	4.3 (50)	50/50	4.1 (50)	95	50/50	4.1 (50)	95	50/50	4.1 (49)	95	49/50
26-7	4.5 (50)	50/50	4.5 (49)	100	49/50	4.3 (50)	96	50/50	4.3 (49)	96	49/50
30-7	4.6 (50)	50/50	4.6 (49)	100	49/50	4.6 (50)	100	50/50	4.6 (49)	100	49/50
34-7	4.3 (49)	49/50	4.5 (49)	105	49/50	4.4 (50)	102	50/50	4.4 (49)	102	49/50
38-7	4.2 (49)	49/50	4.4 (49)	105	49/50	4.2 (50)	100	50/50	4.4 (49)	105	49/50
42-7	4.6 (49)	49/50	4.6 (49)	100	49/50	4.7 (50)	102	50/50	4.8 (48)	104	48/50
46-7	4.5 (48)	48/50	4.5 (49)	100	49/50	4.5 (50)	100	50/50	4.3 (48)	96	48/50
50-7	4.7 (48)	48/50	4.5 (49)	96	49/50	4.3 (50)	91	50/50	4.6 (48)	98	48/50
54-7	5.0 (48)	48/50	5.0 (49)	100	49/50	4.8 (50)	96	50/50	4.9 (47)	98	47/50
58-7	4.6 (47)	47/50	4.6 (49)	100	49/50	4.8 (49)	104	49/50	4.6 (47)	100	47/50
62-7	4.7 (47)	47/50	4.5 (49)	96	49/50	4.9 (48)	104	48/50	4.7 (47)	100	47/50
66-7	4.9 (45)	45/50	4.9 (47)	100	48/50	4.9 (47)	100	47/50	5.2 (47)	106	47/50
70-7	5.0 (43)	43/50	5.0 (46)	100	48/50	5.0 (46)	100	46/50	5.0 (46)	100	47/50
74-7	4.9 (43)	43/50	4.9 (46)	100	46/50	5.0 (45)	102	45/50	4.9 (44)	100	47/50
78-7	5.4 (43)	43/50	5.1 (45)	94	45/50	5.0 (44)	93	45/50	5.3 (47)	98	47/50
82-7	5.0 (43)	43/50	5.0 (44)	100	45/50	4.8 (44)	96	44/50	5.0 (44)	100	45/50
86-7	4.8 (40)	40/50	4.8 (44)	100	45/50	4.9 (42)	102	43/50	5.1 (43)	106	45/50
90-7	5.6 (37)	37/50	5.3 (43)	95	43/50	5.4 (41)	96	41/50	5.6 (41)	100	42/50
94-7	5.1 (37)	37/50	5.0 (40)	98	40/50	4.6 (38)	90	40/50	4.6 (38)	90	40/50
98-7	4.9 (34)	34/50	5.0 (37)	102	38/50	4.6 (37)	94	38/50	4.7 (35)	96	38/50
102-7	5.3 (33)	33/50	5.4 (35)	102	35/50	5.2 (37)	98	38/50	5.3 (36)	100	36/50
104-7	4.7 (32)	33/50	4.7 (34)	100	34/50	5.1 (35)	109	36/50	5.0 (34)	106	35/50

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

Av. FC. : g

TABLE D 2

FOOD CONSUMPTION CHANGES AND
SURVIVAL ANIMAL NUMBERS: FEMALE

STUDY NO. : 0580
 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			512 ppm			1280 ppm			3200 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	3.8 (50)	50/50		3.8 (50)	100	50/50	3.7 (50)	97	50/50	3.8 (50)	100	50/50
2-7	3.5 (50)	50/50		3.6 (50)	103	50/50	3.4 (50)	97	50/50	3.5 (50)	100	50/50
3-7	3.6 (50)	50/50		3.6 (50)	100	50/50	3.7 (50)	103	50/50	3.5 (50)	97	50/50
4-7	3.4 (50)	50/50		3.5 (50)	103	50/50	3.4 (50)	100	50/50	3.4 (50)	100	50/50
5-7	3.6 (50)	50/50		3.5 (50)	97	50/50	3.5 (50)	97	50/50	3.5 (50)	97	50/50
6-7	3.7 (50)	50/50		3.8 (50)	103	50/50	3.7 (50)	100	50/50	3.7 (50)	100	50/50
7-7	3.5 (50)	50/50		3.7 (50)	106	50/50	3.7 (50)	106	50/50	3.6 (50)	103	50/50
8-7	3.8 (50)	50/50		3.8 (50)	100	50/50	3.8 (50)	100	50/50	3.9 (50)	103	50/50
9-7	3.9 (50)	50/50		4.1 (50)	105	50/50	4.0 (50)	103	50/50	3.8 (50)	97	50/50
10-7	3.7 (50)	50/50		4.0 (50)	108	50/50	3.8 (50)	103	50/50	3.8 (50)	103	50/50
11-7	3.9 (50)	50/50		3.9 (49)	100	50/50	3.8 (50)	97	50/50	3.8 (50)	97	50/50
12-7	4.0 (50)	50/50		4.1 (50)	103	50/50	4.1 (50)	103	50/50	4.0 (50)	100	50/50
13-7	4.1 (50)	50/50		4.1 (50)	100	50/50	4.3 (50)	105	50/50	4.0 (50)	98	50/50
14-7	4.0 (50)	50/50		4.0 (50)	100	50/50	4.0 (50)	100	50/50	3.8 (50)	95	50/50
18-7	4.3 (50)	50/50		4.3 (50)	100	50/50	4.5 (50)	105	50/50	4.3 (50)	100	50/50
22-7	4.4 (50)	50/50		4.5 (50)	102	50/50	4.6 (50)	105	50/50	4.5 (49)	102	49/50
26-7	4.6 (50)	50/50		4.5 (50)	98	50/50	4.5 (50)	98	50/50	4.3 (49)	93	49/50
30-7	4.9 (50)	50/50		4.9 (50)	100	50/50	5.1 (50)	104	50/50	4.8 (49)	98	49/50
34-7	4.5 (49)	50/50		4.8 (50)	107	50/50	4.9 (50)	109	50/50	4.3 (49)	96	49/50
38-7	4.5 (50)	50/50		4.3 (50)	96	50/50	4.6 (50)	102	50/50	4.7 (49)	104	49/50
42-7	5.2 (50)	50/50		5.4 (50)	104	50/50	5.3 (50)	102	50/50	5.2 (48)	100	48/50
46-7	4.8 (49)	50/50		4.7 (50)	98	50/50	4.6 (50)	96	50/50	4.9 (48)	102	48/50
50-7	4.8 (49)	50/50		4.8 (49)	100	50/50	4.6 (47)	96	50/50	4.8 (46)	100	48/50
54-7	5.3 (50)	50/50		5.4 (50)	102	50/50	5.5 (50)	104	50/50	5.3 (48)	100	48/50
58-7	5.3 (50)	50/50		5.1 (49)	96	49/50	5.0 (50)	94	50/50	4.8 (48)	91	48/50
62-7	4.7 (49)	50/50		4.7 (48)	100	48/50	4.7 (49)	100	49/50	5.2 (48)	111	48/50
66-7	5.2 (48)	49/50		5.4 (47)	104	47/50	5.2 (48)	100	49/50	5.3 (47)	102	48/50
70-7	4.9 (48)	49/50		4.8 (47)	98	47/50	4.8 (48)	98	49/50	5.2 (47)	106	47/50
74-7	5.2 (48)	49/50		5.5 (47)	106	47/50	5.2 (48)	100	48/50	5.2 (45)	100	47/50
78-7	5.2 (47)	48/50		5.6 (45)	108	46/50	5.4 (47)	104	47/50	5.3 (46)	102	46/50
82-7	5.2 (47)	48/50		5.8 (44)	112	44/50	4.9 (46)	94	47/50	5.2 (43)	100	44/50
86-7	4.5 (46)	47/50		5.2 (42)	116	43/50	4.8 (43)	107	44/50	5.1 (40)	113	41/50
90-7	5.3 (44)	45/50		5.6 (37)	106	41/50	5.5 (38)	104	40/50	5.8 (36)	109	38/50
94-7	4.9 (39)	41/50		5.1 (39)	104	39/50	5.5 (34)	112	36/50	5.4 (34)	110	36/50
98-7	5.3 (36)	36/50		5.3 (34)	100	34/50	5.3 (32)	100	33/50	5.5 (34)	104	34/50
102-7	5.6 (34)	34/50		6.2 (28)	111	29/50	5.9 (28)	105	30/50	6.0 (29)	107	30/50
104-7	4.6 (32)	34/50		4.8 (27)	104	28/50	5.4 (26)	117	28/50	5.4 (28)	117	30/50

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

Av. FC. : g

TABLE D 3

FOOD CONSUMPTION CHANGES: MALE

STUDY NO. : 0580
 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(4)	2-7(4)	3-7(4)	4-7(4)	5-7(4)	6-7(4)	7-7(4)
Control	4.2± 0.5	3.8± 0.5	3.9± 0.5	4.0± 0.5	4.0± 0.5	3.9± 0.4	4.0± 0.5
512 ppm	4.1± 0.4	4.0± 0.5	3.9± 0.5	3.9± 0.6	3.9± 0.5	4.0± 0.5	4.0± 0.6
1280 ppm	4.0± 0.5	3.8± 0.6	4.0± 0.5	4.0± 0.5	4.0± 0.5	3.9± 0.4	4.0± 0.6
3200 ppm	4.0± 0.7	4.0± 0.7	4.1± 0.6	3.9± 0.7	4.1± 0.6	4.1± 0.6	4.1± 0.6

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
 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 week-day(effective)						
	8-7(4)	9-7(4)	10-7(4)	11-7(4)	12-7(4)	13-7(4)	14-7(4)
Control	4.0± 0.4	4.0± 0.4	4.0± 0.6	4.1± 0.6	4.1± 0.4	4.1± 0.4	3.8± 0.6
512 ppm	4.0± 0.5	4.1± 0.4	4.0± 0.6	3.9± 0.7	4.3± 0.4	4.3± 0.5	4.1± 0.6
1280 ppm	3.9± 0.7	4.2± 0.4	4.1± 0.4	3.9± 0.5	4.3± 0.5	4.1± 0.5	4.0± 0.6
3200 ppm	3.9± 0.8	4.1± 0.5	4.2± 0.6	4.1± 0.6	4.4± 0.6	4.2± 0.4	3.9± 0.7

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/CrJ[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(4)	22-7(4)	26-7(4)	30-7(4)	34-7(4)	38-7(4)
Control	4.4± 0.5	4.3± 0.7	4.5± 0.6	4.6± 0.5	4.3± 0.8	4.2± 0.7
512 ppm	4.3± 0.4	4.1± 0.6	4.5± 0.5	4.6± 0.6	4.5± 0.5	4.4± 0.5
1280 ppm	4.5± 0.5	4.1± 0.7	4.3± 0.5	4.6± 0.4	4.4± 0.7	4.2± 0.8
3200 ppm	4.6± 0.4	4.1± 0.7	4.3± 0.6	4.6± 0.5	4.4± 0.8	4.4± 0.7

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
 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(4)		50-7(4)		54-7(4)		58-7(4)	
Control	4.5± 0.7		4.7± 0.6		5.0± 0.7		4.6± 0.9	
512 ppm	4.5± 0.5		4.5± 0.9		5.0± 0.7		4.6± 0.7	
1280 ppm	4.5± 0.6		4.3± 0.9*		4.8± 0.9		4.8± 0.7	
3200 ppm	4.3± 0.8		4.6± 0.8		4.9± 0.5		4.6± 1.0	

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
 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(4)		78-7(4)		82-7(4)		86-7(4)		90-7(4)		94-7(4)		98-7(4)	
Control	4.9±	0.7	5.4±	0.7	5.0±	1.0	4.8±	1.4	5.6±	0.9	5.1±	1.0	4.9±	1.4
512 ppm	4.9±	0.8	5.1±	0.8	5.0±	1.3	4.8±	1.2	5.3±	1.0	5.0±	1.0	5.0±	0.9
1280 ppm	5.0±	1.1	5.0±	0.8	4.8±	1.0	4.9±	1.0	5.4±	1.1	4.6±	1.2	4.6±	1.1
3200 ppm	4.9±	1.1	5.3±	0.9	5.0±	1.1	5.1±	1.3	5.6±	1.1	4.6±	1.3	4.7±	1.2

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
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(4)	104-7(4)
Control	5.3± 1.2	4.7± 1.6
512 ppm	5.4± 1.2	4.7± 1.5
1280 ppm	5.2± 1.2	5.1± 1.3
3200 ppm	5.3± 1.4	5.0± 1.2

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

Test of Dunnett

(HAN260)

BAIS 4

TABLE D 4

FOOD CONSUMPTION CHANGES: FEMALE

STUDY NO. : 0580
 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(4)	2-7(4)	3-7(4)	4-7(4)	5-7(4)	6-7(4)	7-7(4)
Control	3.8± 0.6	3.5± 0.5	3.6± 0.6	3.4± 0.6	3.6± 0.6	3.7± 0.6	3.5± 0.5
512 ppm	3.8± 0.6	3.6± 0.5	3.6± 0.6	3.5± 0.5	3.5± 0.4	3.8± 0.5	3.7± 0.6
1280 ppm	3.7± 0.5	3.4± 0.6	3.7± 0.6	3.4± 0.5	3.5± 0.6	3.7± 0.5	3.7± 0.5
3200 ppm	3.8± 0.6	3.5± 0.6	3.5± 0.6	3.4± 0.5	3.5± 0.4	3.7± 0.5	3.6± 0.5

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/CrJ[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(4)	9-7(4)	10-7(4)	11-7(4)	12-7(4)	13-7(4)
Control	3.8± 0.7	3.9± 0.6	3.7± 0.7	3.9± 0.6	4.0± 0.6	4.1± 0.7
512 ppm	3.8± 0.5	4.1± 0.5	4.0± 0.6	3.9± 0.6	4.1± 0.7	4.0± 0.6
1280 ppm	3.8± 0.7	4.0± 0.7	3.8± 0.6	3.8± 0.7	4.1± 0.8	4.3± 1.0
3200 ppm	3.9± 0.5	3.8± 0.4	3.8± 0.6	3.8± 0.5	4.0± 0.6	4.0± 0.6

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
 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 18-7(4)	week-day(effective) 22-7(4)	26-7(4)	30-7(4)	34-7(4)	38-7(4)	42-7(4)
Control	4.3± 0.7	4.4± 1.0	4.6± 1.0	4.9± 0.9	4.5± 1.0	4.5± 1.1	5.2± 1.0
512 ppm	4.3± 0.7	4.5± 0.7	4.5± 1.0	4.9± 1.0	4.8± 1.0	4.3± 0.9	5.4± 1.0
1280 ppm	4.5± 1.0	4.6± 1.1	4.5± 1.2	5.1± 1.1	4.9± 1.2	4.6± 1.3	5.3± 1.2
3200 ppm	4.3± 0.9	4.5± 0.9	4.3± 0.8	4.8± 0.9	4.3± 0.8	4.7± 1.1	5.2± 1.1

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

Test of Dunnett

(HAN260)

BATS 4

STUDY NO. : 0580
 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(4)	50-7(4)	54-7(4)	58-7(4)	62-7(4)	66-7(4)	70-7(4)
Control	4.8± 1.2	4.8± 1.2	5.3± 1.2	5.3± 1.5	4.7± 1.2	5.2± 1.1	4.9± 1.3
512 ppm	4.7± 1.1	4.8± 1.0	5.4± 0.9	5.1± 1.3	4.7± 1.0	5.4± 1.1	4.8± 1.3
1280 ppm	4.6± 1.2	4.6± 1.3	5.5± 1.3	5.0± 1.4	4.7± 1.3	5.2± 1.2	4.8± 1.4
3200 ppm	4.9± 1.1	4.8± 1.0	5.3± 1.0	4.8± 1.3	5.2± 1.0	5.3± 1.1	5.2± 1.1

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
 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(4)	78-7(4)	82-7(4)	86-7(4)	90-7(4)	94-7(4)	98-7(4)
Control	5.2± 1.4	5.2± 1.2	5.2± 1.3	4.5± 1.6	5.3± 1.5	4.9± 1.8	5.3± 1.5
512 ppm	5.5± 1.4	5.6± 1.0	5.8± 1.3	5.2± 1.2	5.6± 1.1	5.1± 1.6	5.3± 1.1
1280 ppm	5.2± 1.3	5.4± 1.2	4.9± 1.4	4.8± 1.4	5.5± 1.4	5.5± 1.5	5.3± 1.5
3200 ppm	5.2± 1.4	5.3± 1.2	5.2± 1.3	5.1± 1.7	5.8± 1.2	5.4± 1.4	5.5± 1.6

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0580
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(4)	104-7(4)
Control	5.6± 1.6	4.6± 1.0
512 ppm	6.2± 1.2	4.8± 1.3
1280 ppm	5.9± 1.5	5.4± 1.2
3200 ppm	6.0± 1.5	5.4± 1.3*

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

Test of Dunnett

(HAN260)

BAIS 4

TABLE E 1

CHEMICAL INTAKE CHANGES: MALE

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g/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	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000
512 ppm	0.083± 0.008	0.079± 0.009	0.074± 0.008	0.071± 0.009	0.070± 0.007	0.069± 0.008	0.068± 0.010	
1280 ppm	0.204± 0.023	0.189± 0.027	0.189± 0.025	0.182± 0.025	0.179± 0.023	0.171± 0.017	0.171± 0.024	
3200 ppm	0.515± 0.076	0.495± 0.082	0.490± 0.070	0.459± 0.069	0.457± 0.066	0.453± 0.061	0.437± 0.066	

(HAN300)

BAIS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g/kg/day
 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	0.000±	0.000	0.000±	0.000	0.000±	0.000	0.000±	0.000	0.000±	0.000	0.000±	0.000	0.000±	0.000
512 ppm	0.067±	0.008	0.066±	0.007	0.064±	0.009	0.062±	0.010	0.065±	0.007	0.064±	0.008	0.059±	0.008
1280 ppm	0.163±	0.027	0.169±	0.018	0.164±	0.017	0.153±	0.021	0.162±	0.017	0.153±	0.019	0.145±	0.021
3200 ppm	0.413±	0.070	0.425±	0.053	0.420±	0.056	0.410±	0.059	0.423±	0.058	0.395±	0.039	0.362±	0.065

(HAN300)

BAIS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g/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	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000
512 ppm	0.059± 0.006	0.053± 0.007	0.055± 0.007	0.053± 0.007	0.050± 0.006	0.048± 0.006	0.049± 0.007	
1280 ppm	0.152± 0.017	0.134± 0.022	0.133± 0.017	0.135± 0.014	0.126± 0.020	0.117± 0.022	0.127± 0.015	
3200 ppm	0.390± 0.042	0.338± 0.052	0.332± 0.045	0.348± 0.057	0.321± 0.055	0.309± 0.048	0.323± 0.050	

(HAN300)

BAIS 4

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
UNIT : g/kg/day
REPORT TYPE : A1 104
SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 4

Group Name	Administration (weeks)		50		54		58		62		66		70	
	46													
Control	0.000 ± 0.000		0.000 ± 0.000		0.000 ± 0.000		0.000 ± 0.000		0.000 ± 0.000		0.000 ± 0.000		0.000 ± 0.000	
512 ppm	0.046 ± 0.005		0.047 ± 0.009		0.050 ± 0.008		0.046 ± 0.008		0.045 ± 0.009		0.048 ± 0.007		0.048 ± 0.006	
1280 ppm	0.118 ± 0.019		0.112 ± 0.020		0.122 ± 0.023		0.120 ± 0.018		0.120 ± 0.021		0.122 ± 0.021		0.122 ± 0.024	
3200 ppm	0.285 ± 0.051		0.300 ± 0.049		0.308 ± 0.043		0.293 ± 0.058		0.296 ± 0.072		0.323 ± 0.078		0.306 ± 0.060	

(HAN300)

BAIS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g/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	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000		
512 ppm	0.047± 0.007	0.048± 0.007	0.048± 0.012	0.047± 0.012	0.048± 0.008	0.046± 0.009	0.046± 0.009			
1280 ppm	0.122± 0.025	0.122± 0.022	0.117± 0.025	0.122± 0.027	0.130± 0.039	0.113± 0.031	0.117± 0.034			
3200 ppm	0.295± 0.068	0.322± 0.053	0.298± 0.068	0.305± 0.079	0.334± 0.071	0.278± 0.079	0.288± 0.079			

(HAN300)

BAIS 4

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g/kg/day
REPORT TYPE : A1 104
SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 6

Group Name	Administration (weeks)	
	102	104
Control	0.000± 0.000	0.000± 0.000
512 ppm	0.051± 0.012	0.046± 0.016
1280 ppm	0.141± 0.047	0.138± 0.050
3200 ppm	0.328± 0.092	0.320± 0.118

(HAN300)

BAIS 4

TABLE E 2

CHEMICAL INTAKE CHANGES: FEMALE

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g/kg/day
 REPORT TYPE : A1 104
 SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 7

Group Name	Administration (weeks)		2	3	4	5	6	7
	1							
Control	0.000± 0.000		0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000
512 ppm	0.096± 0.015		0.090± 0.013	0.089± 0.014	0.083± 0.012	0.082± 0.010	0.088± 0.011	0.083± 0.012
1280 ppm	0.238± 0.024		0.213± 0.030	0.224± 0.037	0.204± 0.031	0.204± 0.033	0.214± 0.031	0.209± 0.027
3200 ppm	0.624± 0.094		0.554± 0.090	0.547± 0.081	0.514± 0.071	0.505± 0.058	0.534± 0.059	0.500± 0.066

(HAN300)

BAIS 4

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
UNIT : g/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	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000		
512 ppm	0.082± 0.011	0.086± 0.011	0.084± 0.011	0.081± 0.011	0.083± 0.011	0.082± 0.014	0.079± 0.012			
1280 ppm	0.212± 0.038	0.215± 0.037	0.205± 0.032	0.204± 0.040	0.212± 0.039	0.218± 0.050	0.199± 0.043			
3200 ppm	0.529± 0.060	0.510± 0.050	0.508± 0.059	0.501± 0.059	0.520± 0.065	0.512± 0.068	0.476± 0.065			

(HAN300)

BAIS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g/kg/day
 REPORT TYPE : AI 104
 SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 9

Group Name	Administration (weeks)													
	18		22		26		30		34		38		42	
Control	0.000±	0.000	0.000±	0.000	0.000±	0.000	0.000±	0.000	0.000±	0.000	0.000±	0.000	0.000±	0.000
512 ppm	0.079±	0.013	0.079±	0.013	0.073±	0.013	0.077±	0.014	0.072±	0.012	0.063±	0.013	0.076±	0.013
1280 ppm	0.213±	0.046	0.204±	0.045	0.191±	0.045	0.209±	0.049	0.192±	0.044	0.170±	0.041	0.194±	0.041
3200 ppm	0.503±	0.082	0.499±	0.083	0.452±	0.080	0.492±	0.073	0.431±	0.094	0.433±	0.080	0.459±	0.081

(HAN300)

BAIS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g/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	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000		
512 ppm	0.063± 0.013	0.064± 0.013	0.069± 0.013	0.066± 0.015	0.060± 0.012	0.068± 0.013	0.060± 0.016			
1280 ppm	0.163± 0.040	0.162± 0.044	0.182± 0.045	0.167± 0.041	0.157± 0.037	0.172± 0.039	0.157± 0.042			
3200 ppm	0.421± 0.087	0.411± 0.078	0.429± 0.061	0.389± 0.084	0.415± 0.067	0.419± 0.069	0.413± 0.080			

(HAN300)

BAIS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 UNIT : g/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	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000	0.000± 0.000		
512 ppm	0.068± 0.016	0.069± 0.015	0.071± 0.019	0.062± 0.014	0.068± 0.016	0.064± 0.020	0.065± 0.016			
1280 ppm	0.167± 0.036	0.173± 0.037	0.159± 0.042	0.152± 0.041	0.171± 0.040	0.175± 0.050	0.166± 0.043			
3200 ppm	0.411± 0.100	0.411± 0.094	0.407± 0.093	0.404± 0.125	0.457± 0.097	0.433± 0.101	0.441± 0.111			

(HAN300)

BAIS 4

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g/kg/day
REPORT TYPE : A1 104
SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 12

Group Name	Administration (weeks)	
	102	104
Control	0.000± 0.000	0.000± 0.000
512 ppm	0.078± 0.017	0.064± 0.020
1280 ppm	0.183± 0.050	0.173± 0.040
3200 ppm	0.498± 0.103	0.464± 0.115

(HAN300)

BAIS 4

TABLE F 1

HEMATOLOGY: MALE

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (105W)

Group Name	NO. of Animals	RED BLOOD CELL 10 ⁶ /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 ³ /μl	
Control	33	9.73±	1.52	13.8±	1.9	40.8±	4.9	42.2±	2.5	14.3±	0.8	33.9±	1.1	1530±	441
512 ppm	34	9.57±	0.96	14.0±	1.3	41.0±	3.8	42.9±	2.2	14.6±	0.8	34.1±	0.9	1660±	341
1280 ppm	35	9.23±	1.44	13.4±	2.0	39.3±	5.3	42.9±	3.5	14.5±	1.0	33.9±	1.3	1601±	429
3200 ppm	35	9.39±	1.56	13.6±	2.1	40.1±	5.1	43.3±	4.0	14.5±	0.7	33.7±	1.9	1667±	348

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

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE

HEMATOLOGY (SUMMARY)
ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 2

Group Name	NO. of Animals	RETICULOCYTE %	
Control	33	3.3±	3.5
512 ppm	34	2.5±	1.0
1280 ppm	35	3.5±	3.5
3200 ppm	35	4.2±	7.6

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0580
 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 1 O ³ /μl		Differential N-BAND		WBC (%) N-SEG		EOSINO		BASO		MONO		LYMPHO		OTHER	
Control	33	3.84±	3.68	1±	1	27±	10	2±	1	0±	0	4±	2	63±	12	2±	5
512 ppm	34	4.19±	3.97	1±	1	25±	12	2±	1	0±	0	4±	2	65±	16	3±	13
1280 ppm	35	5.26±	10.39	1±	2	29±	15	3±	2	0±	0	3±	2	60±	18	4±	16
3200 ppm	35	3.70±	1.74	1±	1	25±	13	2±	1	0±	0	3±	2	68±	15	1±	2

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

TABLE F 2

HEMATOLOGY: FEMALE

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE. TIME : 1
SEX : FEMALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (105W)

Group Name	NO. of Animals	RED BLOOD CELL 1 0 ⁶ /μℓ		HEMOGLOBIN g /dℓ		HEMATOCRIT %		MCV f ℓ		MCH p g		MCHC g /dℓ		PLATELET 1 0 ³ /μℓ	
Control	34	9.11±	1.50	13.5±	2.0	39.9±	4.4	44.3±	4.2	14.9±	0.8	33.9±	1.6	1051±	351
512 ppm	28	9.66±	0.88	14.4±	1.2	41.5±	2.7	43.1±	2.1	14.9±	0.5	34.6±	0.9	1030±	302
1280 ppm	28	9.66±	0.76	14.3±	1.1	41.1±	2.7	42.7±	1.4	14.8±	0.4	34.8±	0.8**	1173±	156
3200 ppm	29	9.44±	0.64	14.0±	1.0	40.8±	2.3	43.2±	1.4	14.9±	0.4	34.4±	0.8	1138±	298

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

(HCL070) BAIS 4

STUDY NO. : 0580
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	34	5.2±	6.3
512 ppm	28	3.2±	2.8
1280 ppm	28	2.6±	1.0
3200 ppm	29	3.6±	1.8

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (105W)

PAGE : 6

Group Name	NO. of Animals	WBC 10 ³ /μℓ		Differential N-BAND		WBC (%) N-SEG		EOSINO		BASO		MONO		LYMPHO		OTHER	
Control	34	5.11±	6.94	1±	1	25±	15	1±	1	0±	0	4±	2	63±	19	6±	14
512 ppm	28	27.20±	127.52	1±	1	21±	10	2±	1	0±	0	4±	2	68±	17	4±	19
1280 ppm	28	3.55±	2.29	1±	1	22±	7	2±	2	0±	0	4±	2	69±	10	2±	7
3200 ppm	29	2.83±	1.41	2±	1	30±	18	2±	1	0±	0	4±	2	59±	20	3±	6

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

TABLE G 1

BIOCHEMISTRY: MALE

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/CrJ[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	33	5.6±	0.8	2.7±	0.5	1.0±	0.2	0.14±	0.05	178±	49	125±	57	37±	23
512 ppm	34	5.4±	0.8	2.7±	0.4	1.0±	0.1	0.13±	0.03	199±	36	128±	65	50±	22*
1280 ppm	35	5.7±	1.2	2.7±	0.4	1.0±	0.2	0.15±	0.07	177±	57	125±	110	38±	20
3200 ppm	35	5.5±	0.9	2.8±	0.5	1.0±	0.2	0.15±	0.08	188±	47	140±	82	49±	19

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0580
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	33	208±	83	699±	3131	271±	1033	1891±	8012	167±	119	1±	1	56±	35
512 ppm	34	218±	91	115±	209	65±	106*	495±	335	153±	122	1±	1	50±	13
1280 ppm	35	206±	144	97±	99	62±	96	473±	291	129±	33	1±	1	63±	49
3200 ppm	35	229±	96	102±	254**	114±	443*	1578±	7106	151±	100	0±	1	80±	184

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0580
 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	33	20.0±	3.7	153±	1	4.2±	0.4	120±	2	9.3±	0.6	6.4±	1.1
512 ppm	34	23.1±	11.4	153±	2	4.3±	0.5	121±	2	9.1±	0.6	6.5±	1.0
1280 ppm	35	26.4±	15.0**	153±	3	4.4±	0.6	120±	4	9.2±	0.8	6.6±	1.3
3200 ppm	35	26.2±	19.9*	153±	2	4.4±	0.6	120±	4	9.1±	0.6	6.4±	1.0

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

Test of Dunnett

(HCL074)

BAIS 4

TABLE G 2

BIOCHEMISTRY: FEMALE

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (105W)

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	34	4.9±	0.6	2.5±	0.3	1.1±	0.2	0.14±	0.05	137±	40	73±	23	31±	14
512 ppm	28	4.9±	0.4	2.6±	0.2	1.1±	0.1	0.14±	0.05	144±	29	71±	18	31±	16
1280 ppm	28	5.0±	0.6	2.6±	0.4	1.1±	0.2	0.13±	0.02	142±	29	80±	34	30±	14
3200 ppm	30	5.2±	0.5	2.7±	0.3	1.1±	0.1	0.13±	0.03	145±	37	92±	40	37±	23

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj: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 IU/l		ALT IU/l		LDH IU/l		ALP IU/l		G-GTP IU/l		CK IU/l	
Control	34	128±	39	179±	346	74±	160	711±	1367	224±	93	1±	1	126±	249
512 ppm	28	130±	32	115±	99	58±	70	437±	476	212±	63	1±	1	66±	50
1280 ppm	28	138±	51	84±	23	36±	15	353±	183	198±	78	1±	1	127±	252
3200 ppm	30	155±	39*	101±	72	41±	31	449±	409	181±	75	1±	1	85±	127

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (105W)

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	34	20.7±	19.9	153±	1	4.3±	0.8	122±	2	9.0±	0.6	6.3±	2.0
512 ppm	28	15.8±	3.3	152±	2	4.0±	0.3	122±	2	8.9±	0.4	5.8±	0.8
1280 ppm	28	18.0±	10.4	152±	1	4.1±	0.4	122±	3	9.0±	0.4	6.1±	1.0
3200 ppm	30	20.8±	17.5	152±	2	4.2±	0.4	121±	2	9.3±	0.9	6.5±	1.3

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

Test of Dunnett

(HCL074)

BAIS 4

TABLE H 1

URINALYSIS: MALE

STUDY NO. : 0580
 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+	3+	4+	
Control	33	0	8	15	7	3	0	0		0	3	24	6	0	0		33	0	0	0	0	0		21	6	6	0	0	0		27	0	1	0	5		
512 ppm	35	0	4	17	11	3	0	0		0	4	24	7	0	0		35	0	0	0	0	0		21	9	5	0	0	0		31	0	1	0	3		
1280 ppm	36	0	8	11	8	8	0	1		0	6	21	7	2	0		36	0	0	0	0	0		17	10	9	0	0	0		34	0	0	0	2		
3200 ppm	36	0	3	15	11	5	2	0		0	12	18	6	0	0	*	36	0	0	0	0	0		21	9	6	0	0	0		31	0	0	0	5		

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

Test of CHI SQUARE

(HCL101)

BAIS 4

STUDY NO. : 0580

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
Control	33	33 0 0 0 0
512 ppm	35	35 0 0 0 0
1280 ppm	36	36 0 0 0 0
3200 ppm	36	36 0 0 0 0

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

Test of CHI SQUARE

(HCL101)

BAIS 4

TABLE H 2

URINALYSIS: FEMALE

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/CrJ[BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE REPORT TYPE : A1

URINALYSIS

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+	3+	4+					
Control	34	0	4	10	5	7	6	2		0	3	15	14	2	0		34	0	0	0	0	0		2	25	6	1	0	0		28	1	0	0	5						
512 ppm	29	0	1	6	12	4	4	2		0	2	18	8	1	0		29	0	0	0	0	0		3	20	6	0	0	0		26	1	0	1	1						
1280 ppm	28	0	0	8	4	9	4	3		0	3	18	6	1	0		28	0	0	0	0	0		3	19	4	2	0	0		22	1	0	2	3						
3200 ppm	30	0	0	4	9	7	9	1		1	4	18	6	1	0		30	0	0	0	0	0		2	24	3	1	0	0		29	0	0	0	1						

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

Test of CHI SQUARE

(HCL101)

BAIS 4

STUDY NO. : 0580

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	34	34 0 0 0 0
512 ppm	29	29 0 0 0 0
1280 ppm	28	28 0 0 0 0
3200 ppm	30	30 0 0 0 0

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

Test of CHI SQUARE

(HCL101)

BAIS 4

TABLE I 1

GROSS FINDINGS: MALE: ALL ANIMALS

STUDY NO. : 0580
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		512 ppm		1280 ppm		3200 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
skin/app	erosion		0	(0)	0	(0)	1	(2)	0	(0)
	scab		1	(2)	1	(2)	3	(6)	0	(0)
subcutis	mass		2	(4)	5	(10)	4	(8)	1	(2)
lung	white zone		0	(0)	1	(2)	1	(2)	0	(0)
	nodule		8	(16)	7	(14)	9	(18)	12	(24)
lymph node	enlarged		3	(6)	3	(6)	8	(16)	2	(4)
spleen	enlarged		1	(2)	4	(8)	3	(6)	1	(2)
	black zone		1	(2)	2	(4)	1	(2)	0	(0)
	nodule		1	(2)	2	(4)	0	(0)	1	(2)
salivary gl	nodule		0	(0)	2	(4)	0	(0)	0	(0)
forestomach	nodule		1	(2)	4	(8)	5	(10)	5	(10)
gl stomach	nodule		0	(0)	0	(0)	1	(2)	0	(0)
	thick		0	(0)	1	(2)	0	(0)	0	(0)
small intes	nodule		0	(0)	1	(2)	1	(2)	0	(0)
liver	enlarged		0	(0)	3	(6)	0	(0)	0	(0)
	white zone		3	(6)	3	(6)	2	(4)	2	(4)
	red zone		4	(8)	5	(10)	1	(2)	0	(0)
	nodule		29	(58)	17	(34)	17	(34)	26	(52)
	cyst		0	(0)	1	(2)	0	(0)	0	(0)
	deformed		1	(2)	0	(0)	0	(0)	0	(0)
	adhesion		0	(0)	1	(2)	0	(0)	0	(0)
pancreas	nodule		0	(0)	0	(0)	2	(4)	0	(0)

STUDY NO. : 0580
 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		512 ppm		1280 ppm		3200 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
kidney	enlarged		0	(0)	0	(0)	0	(0)	1	(2)
	yellow		1	(2)	0	(0)	0	(0)	0	(0)
	white zone		0	(0)	1	(2)	0	(0)	0	(0)
	nodule		0	(0)	0	(0)	0	(0)	1	(2)
	cyst		0	(0)	0	(0)	0	(0)	1	(2)
	deformed		0	(0)	0	(0)	0	(0)	1	(2)
	hydronephrosis		3	(6)	3	(6)	3	(6)	2	(4)
urin bladd	yellow zone		0	(0)	1	(2)	0	(0)	1	(2)
	urine:marked retention		4	(8)	1	(2)	6	(12)	2	(4)
urethra	dilated		0	(0)	0	(0)	0	(0)	1	(2)
adrenal	enlarged		0	(0)	0	(0)	0	(0)	1	(2)
epididymis	nodule		1	(2)	0	(0)	2	(4)	1	(2)
semin ves	red zone		0	(0)	0	(0)	0	(0)	1	(2)
prep/cli gl	nodule		0	(0)	1	(2)	0	(0)	0	(0)
periph nerv	nodule		0	(0)	1	(2)	0	(0)	1	(2)
eye	turbid		1	(2)	0	(0)	1	(2)	0	(0)
Harder gl	enlarged		1	(2)	0	(0)	0	(0)	0	(0)
	nodule		1	(2)	2	(4)	0	(0)	1	(2)
pleura	nodule		0	(0)	0	(0)	0	(0)	1	(2)
mediastinum	nodule		0	(0)	0	(0)	0	(0)	1	(2)
peritoneum	adhesion		0	(0)	0	(0)	1	(2)	0	(0)
retroperit	nodule		0	(0)	0	(0)	0	(0)	1	(2)

STUDY NO. : 0580
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		512 ppm		1280 ppm		3200 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
abdominal c	hemorrhage		1	(2)	3	(6)	0	(0)	0	(0)
	ascites		1	(2)	0	(0)	2	(4)	1	(2)
mesenterium	nodule		0	(0)	0	(0)	1	(2)	0	(0)
thoracic ca	hemorrhage		1	(2)	0	(0)	0	(0)	0	(0)
	pleural fluid		2	(4)	2	(4)	1	(2)	1	(2)
other	tail:nodule		1	(2)	0	(0)	1	(2)	1	(2)
	hindlimb:nodule		1	(2)	0	(0)	1	(2)	0	(0)
	nose:elevated		1	(2)	0	(0)	1	(2)	0	(0)

(HPT080)

BAIS 4

TABLE I 2

GROSS FINDINGS: MALE: DEAD AND MORIBUND ANIMALS

STUDY NO. : 0580
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	512 ppm	1280 ppm	3200 ppm
			17 (%)	16 (%)	14 (%)	15 (%)
skin/app	scab		0 (0)	1 (6)	0 (0)	0 (0)
subcutis	mass		1 (6)	3 (19)	2 (14)	1 (7)
lung	nodule		2 (12)	2 (13)	3 (21)	2 (13)
lymph node	enlarged		2 (12)	1 (6)	0 (0)	1 (7)
spleen	enlarged		0 (0)	3 (19)	0 (0)	1 (7)
	black zone		1 (6)	0 (0)	0 (0)	0 (0)
	nodule		1 (6)	2 (13)	0 (0)	1 (7)
forestomach	nodule		0 (0)	2 (13)	0 (0)	2 (13)
liver	enlarged		0 (0)	3 (19)	0 (0)	0 (0)
	white zone		2 (12)	2 (13)	0 (0)	1 (7)
	red zone		1 (6)	2 (13)	1 (7)	0 (0)
	nodule		8 (47)	5 (31)	4 (29)	9 (60)
	cyst		0 (0)	1 (6)	0 (0)	0 (0)
	deformed		1 (6)	0 (0)	0 (0)	0 (0)
	adhesion		0 (0)	1 (6)	0 (0)	0 (0)
kidney	enlarged		0 (0)	0 (0)	0 (0)	1 (7)
	white zone		0 (0)	1 (6)	0 (0)	0 (0)
	hydronephrosis		2 (12)	1 (6)	0 (0)	0 (0)
urin bladd	urine:marked retention		4 (24)	1 (6)	4 (29)	2 (13)
epididymis	nodule		0 (0)	0 (0)	1 (7)	0 (0)
semin ves	red zone		0 (0)	0 (0)	0 (0)	1 (7)
prep/cli gl	nodule		0 (0)	1 (6)	0 (0)	0 (0)

STUDY NO. : 0580
 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	512 ppm	1280 ppm	3200 ppm
			17 (%)	16 (%)	14 (%)	15 (%)
periph nerv	nodule		0 (0)	1 (6)	0 (0)	1 (7)
eye	turbid		0 (0)	0 (0)	1 (7)	0 (0)
Harder gl	nodule		0 (0)	1 (6)	0 (0)	0 (0)
pleura	nodule		0 (0)	0 (0)	0 (0)	1 (7)
peritoneum	adhesion		0 (0)	0 (0)	1 (7)	0 (0)
abdominal c	hemorrhage		1 (6)	3 (19)	0 (0)	0 (0)
	ascites		1 (6)	0 (0)	1 (7)	0 (0)
thoracic ca	hemorrhage		1 (6)	0 (0)	0 (0)	0 (0)
	pleural fluid		1 (6)	2 (13)	1 (7)	1 (7)
other	hindlimb:nodule		1 (6)	0 (0)	1 (7)	0 (0)
	nose:elevated		0 (0)	0 (0)	1 (7)	0 (0)

(HPT080)

BAIS 4

TABLE I 3

GROSS FINDINGS: MALE: SACRIFICED ANIMALS

STUDY NO. : 0580
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	512 ppm	1280 ppm	3200 ppm
			33 (%)	34 (%)	36 (%)	35 (%)
skin/app	erosion		0 (0)	0 (0)	1 (3)	0 (0)
	scab		1 (3)	0 (0)	3 (8)	0 (0)
subcutis	mass		1 (3)	2 (6)	2 (6)	0 (0)
lung	white zone		0 (0)	1 (3)	1 (3)	0 (0)
	nodule		6 (18)	5 (15)	6 (17)	10 (29)
lymph node	enlarged		1 (3)	2 (6)	8 (22)	1 (3)
spleen	enlarged		1 (3)	1 (3)	3 (8)	0 (0)
	black zone		0 (0)	2 (6)	1 (3)	0 (0)
salivary gl	nodule		0 (0)	2 (6)	0 (0)	0 (0)
forestomach	nodule		1 (3)	2 (6)	5 (14)	3 (9)
gl stomach	nodule		0 (0)	0 (0)	1 (3)	0 (0)
	thick		0 (0)	1 (3)	0 (0)	0 (0)
small intes	nodule		0 (0)	1 (3)	1 (3)	0 (0)
liver	white zone		1 (3)	1 (3)	2 (6)	1 (3)
	red zone		3 (9)	3 (9)	0 (0)	0 (0)
	nodule		21 (64)	12 (35)	13 (36)	17 (49)
pancreas	nodule		0 (0)	0 (0)	2 (6)	0 (0)
kidney	yellow		1 (3)	0 (0)	0 (0)	0 (0)
	nodule		0 (0)	0 (0)	0 (0)	1 (3)
	cyst		0 (0)	0 (0)	0 (0)	1 (3)
	deformed		0 (0)	0 (0)	0 (0)	1 (3)
	hydronephrosis		1 (3)	2 (6)	3 (8)	2 (6)

STUDY NO. : 0580
 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		512 ppm		1280 ppm		3200 ppm	
			33	(%)	34	(%)	36	(%)	35	(%)
urin bladd	yellow zone		0	(0)	1	(3)	0	(0)	1	(3)
	urine:marked retention		0	(0)	0	(0)	2	(6)	0	(0)
urethra	dilated		0	(0)	0	(0)	0	(0)	1	(3)
adrenal	enlarged		0	(0)	0	(0)	0	(0)	1	(3)
epididymis	nodule		1	(3)	0	(0)	1	(3)	1	(3)
eye	turbid		1	(3)	0	(0)	0	(0)	0	(0)
Harder gl	enlarged		1	(3)	0	(0)	0	(0)	0	(0)
	nodule		1	(3)	1	(3)	0	(0)	1	(3)
mediastinum	nodule		0	(0)	0	(0)	0	(0)	1	(3)
retroperit	nodule		0	(0)	0	(0)	0	(0)	1	(3)
abdominal c	ascites		0	(0)	0	(0)	1	(3)	1	(3)
mesenterium	nodule		0	(0)	0	(0)	1	(3)	0	(0)
thoracic ca	pleural fluid		1	(3)	0	(0)	0	(0)	0	(0)
other	tail:nodule		1	(3)	0	(0)	1	(3)	1	(3)
	nose:elevated		1	(3)	0	(0)	0	(0)	0	(0)

TABLE I 4

GROSS FINDINGS: FEMALE: ALL ANIMALS

STUDY NO. : 0580
 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	512 ppm	1280 ppm	3200 ppm
			50 (%)	50 (%)	50 (%)	50 (%)
skin/app	red zone		1 (2)	0 (0)	0 (0)	0 (0)
	nodule		1 (2)	0 (0)	0 (0)	0 (0)
	erosion		1 (2)	0 (0)	0 (0)	0 (0)
subcutis	edema		1 (2)	1 (2)	3 (6)	4 (8)
	mass		1 (2)	3 (6)	3 (6)	1 (2)
lung	white zone		0 (0)	0 (0)	0 (0)	1 (2)
	red zone		0 (0)	1 (2)	0 (0)	0 (0)
	nodule		3 (6)	1 (2)	2 (4)	3 (6)
lymph node	enlarged		14 (28)	6 (12)	3 (6)	6 (12)
spleen	enlarged		10 (20)	10 (20)	2 (4)	6 (12)
	nodule		1 (2)	1 (2)	1 (2)	1 (2)
oral cavity	nodule		0 (0)	0 (0)	0 (0)	1 (2)
salivary gl	nodule		0 (0)	1 (2)	0 (0)	0 (0)
forestomach	nodule		0 (0)	1 (2)	0 (0)	2 (4)
gl stomach	red zone		0 (0)	0 (0)	1 (2)	0 (0)
small intes	nodule		0 (0)	0 (0)	0 (0)	2 (4)
liver	enlarged		2 (4)	2 (4)	5 (10)	4 (8)
	white zone		6 (12)	5 (10)	10 (20)	9 (18)
	red zone		7 (14)	5 (10)	2 (4)	6 (12)
	nodule		7 (14)	11 (22)	5 (10)	9 (18)
	rough		0 (0)	0 (0)	1 (2)	0 (0)
	adhesion		0 (0)	0 (0)	0 (0)	1 (2)

STUDY NO. : 0580
 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	512 ppm	1280 ppm	3200 ppm
			50 (%)	50 (%)	50 (%)	50 (%)
pancreas	nodule		2 (4)	0 (0)	1 (2)	0 (0)
kidney	small		0 (0)	1 (2)	0 (0)	0 (0)
	white zone		1 (2)	0 (0)	0 (0)	1 (2)
	cyst		1 (2)	0 (0)	0 (0)	0 (0)
	hydronephrosis		3 (6)	0 (0)	2 (4)	6 (12)
urin bladd	urine:marked retention		2 (4)	1 (2)	0 (0)	0 (0)
pituitary	enlarged		2 (4)	1 (2)	2 (4)	1 (2)
	red zone		0 (0)	0 (0)	0 (0)	1 (2)
	nodule		1 (2)	4 (8)	3 (6)	3 (6)
ovary	enlarged		6 (12)	4 (8)	1 (2)	7 (14)
	cyst		3 (6)	1 (2)	2 (4)	1 (2)
uterus	enlarged		1 (2)	0 (0)	1 (2)	1 (2)
	nodule		11 (22)	9 (18)	11 (22)	12 (24)
	dilated lumen		0 (0)	1 (2)	0 (0)	0 (0)
brain	black zone		0 (0)	0 (0)	0 (0)	1 (2)
Harder gl	enlarged		0 (0)	0 (0)	1 (2)	0 (0)
	nodule		0 (0)	1 (2)	1 (2)	1 (2)
pleura	nodule		0 (0)	0 (0)	0 (0)	1 (2)
mediastinum	mass		1 (2)	5 (10)	2 (4)	0 (0)
peritoneum	red zone		1 (2)	0 (0)	0 (0)	0 (0)
	nodule		2 (4)	0 (0)	1 (2)	1 (2)
	mass		1 (2)	0 (0)	0 (0)	0 (0)

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 6

Organ	Findings	Group Name NO. of Animals	Control		512 ppm		1280 ppm		3200 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
abdominal c	hemorrhage		0	(0)	0	(0)	2	(4)	1	(2)
	ascites		5	(10)	4	(8)	6	(12)	7	(14)
thoracic ca	hemorrhage		0	(0)	2	(4)	1	(2)	0	(0)
	pleural fluid		6	(12)	9	(18)	6	(12)	4	(8)
other	tail:nodule		1	(2)	0	(0)	1	(2)	1	(2)
whole body	anemic		0	(0)	1	(2)	0	(0)	0	(0)

(HPT080)

BAIS 4

TABLE I 5

GROSS FINDINGS: FEMALE: DEAD AND MORIBUND ANIMALS

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 3

Organ	Findings	Group Name NO. of Animals	Control	512 ppm	1280 ppm	3200 ppm
			16 (%)	22 (%)	22 (%)	20 (%)
skin/app	erosion		1 (6)	0 (0)	0 (0)	0 (0)
subcutis	edema		1 (6)	1 (5)	3 (14)	4 (20)
	mass		0 (0)	1 (5)	0 (0)	1 (5)
lung	white zone		0 (0)	0 (0)	0 (0)	1 (5)
	red zone		0 (0)	1 (5)	0 (0)	0 (0)
	nodule		1 (6)	0 (0)	1 (5)	0 (0)
lymph node	enlarged		8 (50)	4 (18)	3 (14)	2 (10)
spleen	enlarged		5 (31)	8 (36)	2 (9)	4 (20)
	nodule		0 (0)	1 (5)	1 (5)	0 (0)
oral cavity	nodule		0 (0)	0 (0)	0 (0)	1 (5)
forestomach	nodule		0 (0)	1 (5)	0 (0)	1 (5)
gl stomach	red zone		0 (0)	0 (0)	1 (5)	0 (0)
liver	enlarged		2 (13)	2 (9)	5 (23)	4 (20)
	white zone		5 (31)	3 (14)	10 (45)	8 (40)
	red zone		0 (0)	0 (0)	0 (0)	1 (5)
	nodule		1 (6)	5 (23)	2 (9)	4 (20)
	rough		0 (0)	0 (0)	1 (5)	0 (0)
	adhesion		0 (0)	0 (0)	0 (0)	1 (5)
pancreas	nodule		1 (6)	0 (0)	1 (5)	0 (0)
kidney	small		0 (0)	1 (5)	0 (0)	0 (0)
	white zone		1 (6)	0 (0)	0 (0)	1 (5)
	hydronephrosis		0 (0)	0 (0)	1 (5)	2 (10)

STUDY NO. : 0580
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	512 ppm	1280 ppm	3200 ppm
			16 (%)	22 (%)	22 (%)	20 (%)
urin bladd	urine:marked retention		2 (13)	1 (5)	0 (0)	0 (0)
pituitary	enlarged		2 (13)	1 (5)	2 (9)	0 (0)
	nodule		0 (0)	2 (9)	0 (0)	0 (0)
ovary	enlarged		3 (19)	3 (14)	0 (0)	6 (30)
	cyst		0 (0)	1 (5)	0 (0)	0 (0)
uterus	enlarged		1 (6)	0 (0)	1 (5)	0 (0)
	nodule		5 (31)	7 (32)	9 (41)	10 (50)
	dilated lumen		0 (0)	1 (5)	0 (0)	0 (0)
brain	black zone		0 (0)	0 (0)	0 (0)	1 (5)
Harder gl	enlarged		0 (0)	0 (0)	1 (5)	0 (0)
	nodule		0 (0)	0 (0)	1 (5)	1 (5)
pleura	nodule		0 (0)	0 (0)	0 (0)	1 (5)
mediastinum	mass		1 (6)	5 (23)	2 (9)	0 (0)
peritoneum	nodule		1 (6)	0 (0)	0 (0)	1 (5)
	mass		1 (6)	0 (0)	0 (0)	0 (0)
abdominal c	hemorrhage		0 (0)	0 (0)	2 (9)	1 (5)
	ascites		3 (19)	3 (14)	5 (23)	6 (30)
thoracic ca	hemorrhage		0 (0)	2 (9)	1 (5)	0 (0)
	pleural fluid		6 (38)	8 (36)	6 (27)	4 (20)
other	tail:nodule		1 (6)	0 (0)	0 (0)	1 (5)
whole body	anemic		0 (0)	1 (5)	0 (0)	0 (0)

TABLE I 6

GROSS FINDINGS: FEMALE: SACRIFICED ANIMALS

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

GROSS FINDINGS (SUMMARY)
 SACRIFICED ANIMALS (105W)

PAGE : 3

Organ	Findings	Group Name NO. of Animals	Control	512 ppm	1280 ppm	3200 ppm
			34 (%)	28 (%)	28 (%)	30 (%)
skin/app	red zone		1 (3)	0 (0)	0 (0)	0 (0)
	nodule		1 (3)	0 (0)	0 (0)	0 (0)
subcutis	mass		1 (3)	2 (7)	3 (11)	0 (0)
lung	nodule		2 (6)	1 (4)	1 (4)	3 (10)
lymph node	enlarged		6 (18)	2 (7)	0 (0)	4 (13)
spleen	enlarged		5 (15)	2 (7)	0 (0)	2 (7)
	nodule		1 (3)	0 (0)	0 (0)	1 (3)
salivary gl	nodule		0 (0)	1 (4)	0 (0)	0 (0)
forestomach	nodule		0 (0)	0 (0)	0 (0)	1 (3)
small intes	nodule		0 (0)	0 (0)	0 (0)	2 (7)
liver	white zone		1 (3)	2 (7)	0 (0)	1 (3)
	red zone		7 (21)	5 (18)	2 (7)	5 (17)
	nodule		6 (18)	6 (21)	3 (11)	5 (17)
pancreas	nodule		1 (3)	0 (0)	0 (0)	0 (0)
kidney	cyst		1 (3)	0 (0)	0 (0)	0 (0)
	hydronephrosis		3 (9)	0 (0)	1 (4)	4 (13)
pituitary	enlarged		0 (0)	0 (0)	0 (0)	1 (3)
	red zone		0 (0)	0 (0)	0 (0)	1 (3)
	nodule		1 (3)	2 (7)	3 (11)	3 (10)
ovary	enlarged		3 (9)	1 (4)	1 (4)	1 (3)
	cyst		3 (9)	0 (0)	2 (7)	1 (3)
uterus	enlarged		0 (0)	0 (0)	0 (0)	1 (3)

STUDY NO. : 0580
 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	512 ppm	1280 ppm	3200 ppm
			34 (%)	28 (%)	28 (%)	30 (%)
uterus	nodule		6 (18)	2 (7)	2 (7)	2 (7)
Harder gl	nodule		0 (0)	1 (4)	0 (0)	0 (0)
peritoneum	red zone		1 (3)	0 (0)	0 (0)	0 (0)
	nodule		1 (3)	0 (0)	1 (4)	0 (0)
abdominal c	ascites		2 (6)	1 (4)	1 (4)	1 (3)
thoracic ca	pleural fluid		0 (0)	1 (4)	0 (0)	0 (0)
other	tail:nodule		0 (0)	0 (0)	1 (4)	0 (0)

(HPT080)

BAIS 4

TABLE J 1

ORGAN WEIGHT, ABSOLUTE: MALE

STUDY NO. : 0580
 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	33	45.5± 8.2	0.010± 0.001	0.222± 0.028	0.220± 0.025	0.207± 0.050	0.640± 0.167
512 ppm	34	49.8± 7.1	0.010± 0.001	0.222± 0.030	0.215± 0.020	0.213± 0.070	0.665± 0.373
1280 ppm	36	45.8± 8.8	0.010± 0.002	0.222± 0.029	0.219± 0.025	0.211± 0.059	0.724± 0.479
3200 ppm	35	48.5± 7.2	0.012± 0.012	0.225± 0.033	0.222± 0.021	0.242± 0.147	0.653± 0.137

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

(HCL040)

BATS 4

STUDY NO. : 0580
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	33	0.126±	0.113	1.879±	0.576	0.449±	0.014
512 ppm	34	0.161±	0.325	1.857±	0.728	0.453±	0.019
1280 ppm	36	0.168±	0.194	1.799±	0.687	0.451±	0.017
3200 ppm	35	0.094±	0.054	1.782±	0.537	0.449±	0.019

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

(HCL040)

BATS 4

TABLE J 2

ORGAN WEIGHT, ABSOLUTE: FEMALE

STUDY NO. : 0580
 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	34	36.4± 6.3	0.014± 0.003	0.106± 0.211	0.170± 0.024	0.198± 0.042	0.558± 0.642
512 ppm	28	35.9± 5.4	0.013± 0.001	0.055± 0.157	0.176± 0.031	0.189± 0.054	0.432± 0.057
1280 ppm	28	37.4± 4.7	0.014± 0.002	0.057± 0.147	0.176± 0.025	0.181± 0.013	0.472± 0.225
3200 ppm	30	35.1± 6.8	0.014± 0.004	0.067± 0.210	0.167± 0.020	0.224± 0.204	0.471± 0.153

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

(HCL040)

BAIS 4

STUDY NO. : 0580
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	34	0.232±	0.307	1.404±	0.425	0.468±	0.019
512 ppm	28	0.167±	0.188	1.403±	0.262	0.467±	0.013
1280 ppm	28	0.138±	0.081	1.368±	0.235	0.467±	0.015
3200 ppm	30	0.178±	0.247	1.412±	0.291	0.468±	0.013

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

Test of Dunnett

(HCL040)

BAIS 4

TABLE K 1

ORGAN WEIGHT, RELATIVE: MALE

STUDY NO. : 0580
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	33	45.5± 8.2	0.023± 0.006	0.507± 0.119	0.498± 0.097	0.473± 0.144	1.441± 0.385
512 ppm	34	49.8± 7.1	0.020± 0.004	0.454± 0.080	0.441± 0.074**	0.443± 0.203	1.330± 0.576*
1280 ppm	36	45.8± 8.8	0.024± 0.008	0.501± 0.115	0.498± 0.127	0.477± 0.151	1.660± 1.221
3200 ppm	35	48.5± 7.2	0.030± 0.050	0.476± 0.108	0.468± 0.088	0.554± 0.601	1.392± 0.450

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

Test of Dunnett

(HCL042)

BATS 4

STUDY NO. : 0580
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	33	0.299± 0.279	4.323± 1.775	1.024± 0.223
512 ppm	34	0.331± 0.688	3.883± 2.140	0.928± 0.140
1280 ppm	36	0.391± 0.437	4.149± 2.229	1.025± 0.216
3200 ppm	35	0.209± 0.147	3.878± 1.871	0.952± 0.182

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

Test of Dunnett

(HCL042)

BAIS 4

TABLE K 2

ORGAN WEIGHT, RELATIVE: FEMALE

STUDY NO. : 0580
 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	34	36.4± 6.3	0.039± 0.008	0.296± 0.607	0.477± 0.085	0.553± 0.101	1.505± 1.331
512 ppm	28	35.9± 5.4	0.037± 0.007	0.163± 0.476	0.499± 0.111	0.548± 0.248	1.228± 0.227
1280 ppm	28	37.4± 4.7	0.038± 0.007	0.151± 0.382	0.475± 0.075	0.491± 0.073	1.282± 0.669
3200 ppm	30	35.1± 6.8	0.041± 0.016	0.211± 0.696	0.490± 0.100	0.752± 1.176	1.400± 0.598

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

(HCL042)

BAIS 4

STUDY NO. : 0580
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	34	0.625± 0.765	3.873± 0.929	1.325± 0.244
512 ppm	28	0.506± 0.655	4.005± 1.022	1.333± 0.214
1280 ppm	28	0.371± 0.214	3.665± 0.503	1.268± 0.182
3200 ppm	30	0.487± 0.546	4.094± 0.831	1.391± 0.324

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

Test of Dunnett

(HCL042)

BAIS 4

TABLE L 1

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:MALE: ALL ANIMALS

STUDY NO. : 0580
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				512 ppm				1280 ppm				3200 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			<50>				<50>				<50>				<50>				
	ulcer		0	1	0	0	0	0	0	0	1	1	0	0	0	1	0	0	
			(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(2)	(0)	(0)	(0)	(0)	(2)	(0)	(0)
	squamous cell 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)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	scab		0	1	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
		(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
	epidermal 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)	
	duct ectasia:sebaceous gland		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)	
subcutis			<50>				<50>				<50>				<50>				
	thrombus		0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Respiratory system}																			
nasal cavit			<50>				<50>				<50>				<50>				
	mineralization		1	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	
		(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

Organ_____	Findings_____	Group Name	Control				512 ppm				1280 ppm				3200 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	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
		(0)	(2)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	eosinophilic change:olfactory epithelium	30	2	1	0	27	7	0	0	27	10	0	0	26	2	0	0	0
		(60)	(4)	(2)	(0)	(54)	(14)	(0)	(0)	(54)	(20)	(0)	(0)	(52)	(4)	(0)	(0)	(0)
	eosinophilic change:respiratory epithelium	12	14	1	0	30	3	0	0 **	25	6	0	0 *	14	1	0	0 **	0
		(24)	(28)	(2)	(0)	(60)	(6)	(0)	(0)	(50)	(12)	(0)	(0)	(28)	(2)	(0)	(0)	(0)
	inflammation:respiratory epithelium	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)	(0)	(0)	(0)	(0)
respiratory metaplasia:olfactory epithelium	23	3	0	0	27	3	0	0	17	4	0	0	18	1	0	0	0	
	(46)	(6)	(0)	(0)	(54)	(6)	(0)	(0)	(34)	(8)	(0)	(0)	(36)	(2)	(0)	(0)	(0)	
respiratory metaplasia:gland	21	8	3	0	28	14	0	0 *	20	16	0	0	26	6	0	0	0	
	(42)	(16)	(6)	(0)	(56)	(28)	(0)	(0)	(40)	(32)	(0)	(0)	(52)	(12)	(0)	(0)	(0)	
squamous cell metaplasia:respiratory epithelium	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	
epithelial hyperplasia:transitional cell type	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)	

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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 3

		Group Name	Control				512 ppm				1280 ppm				3200 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>			
	necrosis:olfactory epithelium		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)
nasopharynx			<50>				<50>				<50>				<50>			
	eosinophilic change		1	0	1	0	1	0	0	0	3	0	0	0	0	0	0	0
			(2)	(0)	(2)	(0)	(2)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammation		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)
lung			<50>				<50>				<50>				<50>			
	hemorrhage		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)
	edema		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)
	inflammatory infiltration		1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(2)	(0)	(0)	(2)	(0)	(0)	(0)
	lymphocytic infiltration		2	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
			(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(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. : 0580
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	Group Name	Control				512 ppm				1280 ppm				3200 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)																		
lung			<50>				<50>				<50>				<50>			
	accumulation of foamy cells		5	0	0	0	2	0	0	0	5	0	0	0	7	0	0	0
			(10)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(14)	(0)	(0)	(0)
	bronchiolar-alveolar cell hyperplasia		0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(2)	(0)	(0)	(0)
(Hematopoietic system)																		
bone marrow			<50>				<50>				<50>				<50>			
	mastcell 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)
	myelofibrosis		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)
	granulopoiesis:increased		2	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0
			(4)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)
lymph node			<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)

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. : 0580
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				512 ppm				1280 ppm				3200 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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
spleen			<50>				<50>				<50>				<50>			
	atrophy		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)
	congestion		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)
	angiectasis		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)
	deposit of hemosiderin		1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
		(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	
deposit of melanin		1	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0	
		(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	
extramedullary hematopoiesis		10	13	6	0	19	9	2	0	12	9	6	0	16	11	5	0	
		(20)	(26)	(12)	(0)	(38)	(18)	(4)	(0)	(24)	(18)	(12)	(0)	(32)	(22)	(10)	(0)	
follicular hyperplasia		1	1	1	0	3	0	0	0	2	0	0	0	2	1	0	0	
		(2)	(2)	(2)	(0)	(6)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(2)	(0)	(0)	
(Circulatory system)																		
heart			<50>				<50>				<50>				<50>			
	mineralization		0	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(4)	(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 : Number of animals with lesion
(c) c : b / a * 100
Significant difference ; * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0580
 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				512 ppm				1280 ppm				3200 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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Circulatory system}																		
heart																		
			<50>				<50>				<50>				<50>			
	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)
	scar		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)
	myocarditis		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)
	arteritis		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)
{Digestive system}																		
oral cavity																		
			<50>				<50>				<50>				<50>			
	ulcer		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)	(0)	(0)
tooth																		
			<50>				<50>				<50>				<50>			
	dysplasia		3	1	0	0	3	2	0	0	7	3	0	0	2	3	0	0
			(6)	(2)	(0)	(0)	(6)	(4)	(0)	(0)	(14)	(6)	(0)	(0)	(4)	(6)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 7

		Group Name	Control				512 ppm				1280 ppm				3200 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		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
tooth			<50>				<50>				<50>				<50>			
	odontogenic cyst		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)
tongue			<50>				<50>				<50>				<50>			
	arteritis		1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
			(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
salivary gl			<50>				<50>				<50>				<50>			
	atrophy: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)
			<50>				<50>				<50>				<50>			
	lymphocytic infiltration		1	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0
			(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
			<50>				<50>				<50>				<50>			
	granulation		0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(2)	(0)	(0)
			<50>				<50>				<50>				<50>			
	xanthogranuloma		0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(2)	(2)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
stomach			<50>				<50>				<50>				<50>			
	ulcer:forestomach		1	0	0	0	0	0	0	0	1	0	1	0	3	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(2)	(0)	(6)	(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. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 8

		Group Name No. of Animals on Study	Control 50				512 ppm 50				1280 ppm 50				3200 ppm 50			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
stomach			<50>				<50>				<50>				<50>			
	hyperplasia:forestomach		0	0	0	0	2	0	0	0	2	0	0	0	1	1	0	0
			(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(2)	(2)	(0)	(0)
	erosion:glandular stomach		5	0	0	0	4	1	0	0	4	1	0	0	3	0	0	0
			(10)	(0)	(0)	(0)	(8)	(2)	(0)	(0)	(8)	(2)	(0)	(0)	(6)	(0)	(0)	(0)
	ulcer:glandular stomach		1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia:glandular stomach		15	0	0	0	13	0	0	0	10	0	0	0	7	0	0	0
			(30)	(0)	(0)	(0)	(26)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(14)	(0)	(0)	(0)
	degeneration:glandular stomach		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)
large intes			<50>				<50>				<50>				<50>			
	inflammation		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)
liver			<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)

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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 9

Organ	Findings	Group Name	Control				512 ppm				1280 ppm				3200 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>			
	necrosis:focal		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)	(0)	(0)	(0)
	fatty change:central		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)
	inflammatory infiltration		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)
	granulation		0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(2)	(0)	(0)
inflammatory cell nest		5	0	0	0	3	0	0	0	4	0	0	0	2	0	0	0	
		(10)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	
clear cell focus		1	0	0	0	1	0	3	0	0	1	0	0	2	1	0	0	
		(2)	(0)	(0)	(0)	(2)	(0)	(6)	(0)	(0)	(2)	(0)	(0)	(4)	(2)	(0)	(0)	
acidophilic cell focus		2	2	1	0	1	3	0	0	2	1	1	0	4	0	1	0	
		(4)	(4)	(2)	(0)	(2)	(6)	(0)	(0)	(4)	(2)	(2)	(0)	(8)	(0)	(2)	(0)	
basophilic cell focus		1	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0	
		(2)	(2)	(0)	(0)	(0)	(0)	(2)	(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 : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference ; * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 10

		Group Name	Control				512 ppm				1280 ppm				3200 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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
liver			<50>				<50>				<50>				<50>			
	biliary cyst		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)	0 (0)	0 (0)
pancreas			<50>				<50>				<50>				<50>			
	islet cell hyperplasia		4 (8)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	7 (14)	0 (0)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)
(Urinary system)																		
kidney			<50>				<50>				<50>				<50>			
	atrophy		0 (0)	0 (0)	1 (0)	0 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	cyst		0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)
	hyaline droplet		0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)
	deposit of hemosiderin		1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (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. : 0580
 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	Group Name	Control				512 ppm				1280 ppm				3200 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>			
	lymphocytic infiltration		1	0	0	0	3	0	0	0	1	0	0	0	1	0	0	0
			(2)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	scar		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)
	inflammatory polyp		0	1	0	0	0	1	1	0	0	1	1	0	0	0	0	0
			(0)	(2)	(0)	(0)	(0)	(2)	(2)	(0)	(0)	(2)	(2)	(0)	(0)	(0)	(0)	(0)
	ossification		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)
hydronephrosis		2	0	3	0	1	0	2	0	1	1	2	0	0	1	2	0	
		(4)	(0)	(6)	(0)	(2)	(0)	(4)	(0)	(2)	(2)	(4)	(0)	(0)	(2)	(4)	(0)	
papillary necrosis		0	0	0	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)	
mineralization:cortex		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)	
regeneration:proximal tubule		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
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STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
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HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-105W)

PAGE : 12

Organ	Findings	Group Name	Control				512 ppm				1280 ppm				3200 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}																		
urin bladd	dilatation		<50>				<50>				<50>				<50>			
		0	1	3	0	0	0	1	0	1	1	4	0	0	0	2	0	0
		(0)	(2)	(6)	(0)	(0)	(0)	(2)	(0)	(2)	(2)	(8)	(0)	(0)	(0)	(4)	(0)	(0)
	inflammation		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
urethra	inflammation		<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)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Endocrine system}																		
pituitary	cyst		<49>				<49>				<50>				<49>			
		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)
	inflammatory infiltration		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)	(0)
	hyperplasia		3	0	0	0	1	0	0	0	0	1	0	0	1	1	0	0
		(6)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(2)	(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. : 0580
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				512 ppm				1280 ppm				3200 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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Endocrine system)																		
pituitary			<49>				<49>				<50>				<49>			
	Rathke pouch		2	0	0	0	2	0	0	0	4	0	0	0	1	0	0	0
			(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
thyroid			<50>				<50>				<50>				<50>			
	cyst		2	0	0	0	0	0	0	0	4	0	0	0	3	0	0	0
			(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(6)	(0)	(0)	(0)
	focal follicular 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)	(0)	(2)	(0)	(0)
parathyroid			<50>				<50>				<50>				<50>			
	cyst		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)	(0)	(0)	(0)	(0)
adrenal			<50>				<50>				<49>				<50>			
	spindle-cell hyperplasia		28	4	0	0	21	2	0	0	21	1	0	0	16	4	0	0 *
			(56)	(8)	(0)	(0)	(42)	(4)	(0)	(0)	(43)	(2)	(0)	(0)	(32)	(8)	(0)	(0)
	hyperplasia:cortical cell		0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	hyperplasia:medulla		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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 14

Organ	Findings	Group Name	Control				512 ppm				1280 ppm				3200 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	
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
(Reproductive system)																			
testis	mineralization		<50>				<50>				<50>				<50>				
		11	0	0	0	13	1	0	0	11	0	0	0	13	0	0	0		
		(22)	(0)	(0)	(0)	(26)	(2)	(0)	(0)	(22)	(0)	(0)	(0)	(26)	(0)	(0)	(0)		
epididymis	inflammatory infiltration		<50>				<50>				<50>				<50>				
		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)		
	granulation		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)	
		spermatogenic granuloma		1	1	0	0	3	0	0	0	2	0	0	0	5	0	0	0
					(2)	(2)	(0)	(0)	(6)	(0)	(0)	(0)	(4)	(0)	(0)	(10)	(0)	(0)	(0)
		xanthogranuloma		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)	(0)	(0)	(0)	(0)
semin ves	hemorrhage		<50>				<50>				<50>				<50>				
		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)	(2)	(0)	(0)	(0)		
		mineralization		2	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)	

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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 15

		Group Name	Control				512 ppm				1280 ppm				3200 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}																		
mammary gl			<50>				<50>				<50>				<50>			
	duct ectasia		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)
{Nervous system}																		
brain			<50>				<50>				<50>				<50>			
	mineralization		12	0	0	0	9	0	0	0	6	0	0	0	12	0	0	0
			(24)	(0)	(0)	(0)	(18)	(0)	(0)	(0)	(12)	(0)	(0)	(0)	(24)	(0)	(0)	(0)
{Special sense organs/appendage}																		
eye			<50>				<50>				<50>				<50>			
	keratitis		0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	
Harder gl			<50>				<50>				<50>				<50>			
	hyperplasia		1	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0
			(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(2)	(0)	(0)
{Musculoskeletal system}																		
bone			<50>				<50>				<50>				<50>			
	osteosclerosis		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)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 16

Organ_____	Findings_____	Group Name	Control				512 ppm				1280 ppm				3200 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			
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)			
{Body cavities}																					
pleura		<50>					<50>					<50>					<50>				
	inflammatory infiltration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)		
peritoneum		<50>					<50>					<50>					<50>				
	peritonitis	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)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)		
mesenterium		<50>					<50>					<50>					<50>				
	hemorrhage	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)	(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

(HPT150)

BAIS4

TABLE L 2

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

MALE: DEAD AND MORIBUND ANIMALS

STUDY NO. : 0580
 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	Control				512 ppm				1280 ppm				3200 ppm			
		No. of Animals on Study	17				16				14				15			
Organ_____	Findings_____	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																		
skin/app			<17>				<16>				<14>				<15>			
	ulcer		0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0
			(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(7)	(0)
	scab		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)
	epidermal 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)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	duct ectasia:sebaceous gland		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)	(7)	(0)	(0)	(0)
{Respiratory system}																		
nasal cavit			<17>				<16>				<14>				<15>			
	mineralization		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)	(7)	(0)	(0)	(0)
	inflammation		0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)
	leukemic cell infiltration		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)

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. : 0580
 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 17				512 ppm 16				1280 ppm 14				3200 ppm 15			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
(Respiratory system)																		
nasal cavit			<17>				<16>				<14>				<15>			
	metastasis:subcutis tumor		0 (0)	0 (0)	0 (0)	0 (0)	1 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	metastasis:epididymis tumor		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (7)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	eosinophilic change:olfactory epithelium		7 (41)	1 (6)	0 (0)	0 (0)	6 (38)	3 (19)	0 (0)	0 (0)	6 (43)	2 (14)	0 (0)	0 (0)	8 (53)	0 (0)	0 (0)	0 (0)
	eosinophilic change:respiratory epithelium		3 (18)	1 (6)	0 (0)	0 (0)	8 (50)	1 (6)	0 (0)	0 (0)	9 (64)	0 (0)	0 (0)	0 (0)	4 (27)	1 (7)	0 (0)	0 (0)
	respiratory metaplasia:olfactory epithelium		6 (35)	0 (0)	0 (0)	0 (0)	5 (31)	1 (6)	0 (0)	0 (0)	3 (21)	2 (14)	0 (0)	0 (0)	6 (40)	0 (0)	0 (0)	0 (0)
	respiratory metaplasia:gland		5 (29)	1 (6)	0 (0)	0 (0)	6 (38)	3 (19)	0 (0)	0 (0)	4 (29)	3 (21)	0 (0)	0 (0)	7 (47)	0 (0)	0 (0)	0 (0)
	necrosis:olfactory epithelium		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (7)	0 (0)	0 (0)	
lung			<17>				<16>				<14>				<15>			
	hemorrhage		1 (6)	0 (0)	0 (0)	0 (0)	0 (0)	1 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 3

		Group Name	Control				512 ppm				1280 ppm				3200 ppm			
		No. of Animals on Study	17				16				14				15			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ_____	Findings_____		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
lung			<17>				<16>				<14>				<15>			
	edema		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)	(0)	(0)	(0)	(0)
	inflammatory infiltration		1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(7)	(0)	(0)	(7)	(0)	(0)	(0)
	leukemic cell infiltration		0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(19)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
	metastasis:liver tumor		3	2	0	0	0	0	0	0	0	1	0	0	3	1	0	0
			(18)	(12)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(20)	(7)	(0)	(0)
	accumulation of foamy cells		0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(29)	(0)	(0)	(0)	(7)	(0)	(0)	(0)
{Hematopoietic system}																		
bone marrow			<17>				<16>				<14>				<15>			
	leukemic cell infiltration		0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(19)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	metastasis:liver tumor		1	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0
			(6)	(0)	(0)	(0)	(13)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
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HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 DEAD AND MORIBUND ANIMALS (0-105W)

PAGE : 4

Organ	Findings	Group Name No. of Animals on Study Grade	Control 17				512 ppm 16				1280 ppm 14				3200 ppm 15			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
bone marrow			<17>				<16>				<14>				<15>			
	metastasis:spleen tumor		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)
	metastasis:epididymis tumor		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)
	granulopoiesis:increased		2	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0
			(12)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(0)	(0)	(0)
lymph node			<17>				<16>				<14>				<15>			
	metastasis:subcutis tumor		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)	(0)	(0)	(0)	(0)
spleen			<17>				<16>				<14>				<15>			
	atrophy		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)
	congestion		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)
	deposit of melanin		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(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. : 0580
 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

Organ	Findings	Group Name No. of Animals on Study Grade				Control 17				512 ppm 16				1280 ppm 14				3200 ppm 15			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																					
spleen		<17>				<16>				<14>				<15>							
	leukemic cell infiltration	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(19)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	metastasis:liver tumor	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)
	extramedullary hematopoiesis	3	4	4	0	1	5	2	0	2	3	4	0	1	5	2	0	1	5	2	0
		(18)	(24)	(24)	(0)	(6)	(31)	(13)	(0)	(14)	(21)	(29)	(0)	(7)	(33)	(13)	(0)	(7)	(33)	(13)	(0)
	follicular hyperplasia	0	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)	(7)	(0)	(0)	(0)	(7)	(0)	(0)
(Circulatory system)																					
heart		<17>				<16>				<14>				<15>							
	mineralization	0	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(13)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(7)	(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
		(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	metastasis:spleen tumor	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)	(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. : 0580
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

		Group Name No. of Animals on Study	Control 17				512 ppm 16				1280 ppm 14				3200 ppm 15			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Circulatory system)																		
heart	arteritis		<17>				<16>				<14>				<15>			
		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)	(0)	(0)
(Digestive system)																		
oral cavity	ulcer		<17>				<16>				<14>				<15>			
		0	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)	(0)
tooth	dysplasia		<17>				<16>				<14>				<15>			
		0	1	0	0	1	1	0	0	2	0	0	0	0	2	0	0	0
		(0)	(6)	(0)	(0)	(6)	(6)	(0)	(0)	(14)	(0)	(0)	(0)	(0)	(0)	(13)	(0)	(0)
tongue	leukemic cell infiltration		<17>				<16>				<14>				<15>			
		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)
	arteritis		1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(6)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
salivary gl	leukemic cell infiltration		<17>				<16>				<14>				<15>			
		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)

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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 7

Organ	Findings	Group Name No. of Animals on Study Grade	Control 17				512 ppm 16				1280 ppm 14				3200 ppm 15			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
salivary gl	metastasis:liver tumor		<17>				<16>				<14>				<15>			
			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)
stomach	ulcer:forestomach		<17>				<16>				<14>				<15>			
			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)	(13)	(0)	(0)	(0)
	hyperplasia:forestomach		0	0	0	0	2	0	0	0	2	0	0	0	1	1	0	0
			(0)	(0)	(0)	(0)	(13)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(7)	(7)	(0)	(0)
	ulcer:glandular stomach		1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia:glandular stomach		2	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(12)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(7)	(0)	(0)	(0)
small intes	leukemic cell infiltration		<17>				<16>				<14>				<15>			
			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)	(7)	(0)	(0)	(0)
large intes	inflammation		<17>				<16>				<14>				<15>			
			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)	(7)	(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. : 0580
 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

Organ	Findings	Group Name	Control				512 ppm				1280 ppm				3200 ppm			
		No. of Animals on Study	17				16				14				15			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
liver			<17>				<16>				<14>				<15>			
	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)	(7)	(0)	(0)	(0)
	necrosis:focal		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)	(7)	(0)	(0)	(0)	(0)	(0)	(0)
	fatty change:central		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)	(7)	(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)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
granulation		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)	(7)	(0)	(0)	
leukemic cell infiltration		0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	
		(0)	(0)	(0)	(0)	(6)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
metastasis:subcutis tumor		0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	
		(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
metastasis:peripheral nerve tumor		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)	(7)	(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. : 0580
 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	Group Name No. of Animals on Study Grade	Control 17				512 ppm 16				1280 ppm 14				3200 ppm 15			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
liver	metastasis:epididymis tumor		<17>				<16>				<14>				<15>			
			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)	(7)	(0)	(0)	(0)	(0)	(0)	(0)
	metastasis:lymph node tumor		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)	(0)	(0)	(0)
	acidophilic cell focus		0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0
			(0)	(6)	(0)	(0)	(0)	(13)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	basophilic cell focus		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)	(0)	(0)	(0)	(0)
pancreas	leukemic cell infiltration		<17>				<16>				<14>				<15>			
			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)
	islet cell hyperplasia		3	0	0	0	1	0	0	0	4	0	0	0	2	0	0	0
			(18)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(29)	(0)	(0)	(0)	(13)	(0)	(0)	(0)
(Urinary system)																		
kidney	hyaline droplet		<17>				<16>				<14>				<15>			
			0	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(13)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(7)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 10

Organ_____	Findings_____	Group Name	Control				512 ppm				1280 ppm				3200 ppm			
		No. of Animals on Study	17				16				14				15			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																		
kidney			<17>				<16>				<14>				<15>			
	deposit of hemosiderin		1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(7)	(0)	(0)	(0)
	inflammatory polyp		0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
			(0)	(6)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	leukemic cell infiltration		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)
	metastasis:liver tumor		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)
metastasis:subcutis tumor		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	2	0	0	0	1	0	0	0	0	0	0	0	1	0	
		(0)	(0)	(12)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	
papillary 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)	
mineralization:cortex		0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	
		(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(7)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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 17				512 ppm 16				1280 ppm 14				3200 ppm 15			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
(Urinary system)																		
urin bladd	dilatation		<17>				<16>				<14>				<15>			
		0 (0)	1 (6)	3 (18)	0 (0)	0 (0)	0 (0)	1 (6)	0 (0)	0 (0)	0 (0)	4 (29)	0 (0)	0 (0)	0 (0)	2 (13)	0 (0)	
	metastasis:liver tumor		0 (0)	0 (0)	0 (0)	0 (0)	1 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	
urethra	inflammation		<17>				<16>				<14>				<15>			
		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (7)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	
(Endocrine system)																		
pituitary	Rathke pouch		<16>				<15>				<14>				<14>			
		0 (0)	0 (0)	0 (0)	0 (0)	2 (13)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (7)	0 (0)	0 (0)	0 (0)	
thyroid	cyst		<17>				<16>				<14>				<15>			
		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (7)	0 (0)	0 (0)	0 (0)	1 (7)	0 (0)	0 (0)	
	leukemic cell infiltration		0 (0)	0 (0)	0 (0)	0 (0)	1 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	
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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 12

Organ	Findings	Group Name No. of Animals on Study Grade	Control 17				512 ppm 16				1280 ppm 14				3200 ppm 15			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Endocrine system)																		
parathyroid	cyst		<17>				<16>				<14>				<15>			
			1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
adrenal	spindle-cell hyperplasia		<17>				<16>				<14>				<15>			
			8	0	0	0	6	0	0	0	6	0	0	0	3	0	0	0
			(47)	(0)	(0)	(0)	(38)	(0)	(0)	(0)	(43)	(0)	(0)	(0)	(20)	(0)	(0)	(0)
(Reproductive system)																		
testis	mineralization		<17>				<16>				<14>				<15>			
			2	0	0	0	4	1	0	0	3	0	0	0	2	0	0	0
			(12)	(0)	(0)	(0)	(25)	(6)	(0)	(0)	(21)	(0)	(0)	(0)	(13)	(0)	(0)	(0)
	metastasis:epididymis tumor		<17>				<16>				<14>				<15>			
			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)	(7)	(0)	(0)	(0)	(0)	(0)
epididymis	spermatogenic granuloma		<17>				<16>				<14>				<15>			
			0	1	0	0	3	0	0	0	0	0	0	0	1	0	0	0
			(0)	(6)	(0)	(0)	(19)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)
semin ves	hemorrhage		<17>				<16>				<14>				<15>			
			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)	(7)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 13

Organ	Findings	Group Name No. of Animals on Study Grade				Control 17				512 ppm 16				1280 ppm 14				3200 ppm 15			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Reproductive system)																					
prostate	leukemic cell infiltration	<17>				<16>				<14>				<15>							
		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)
mammary gl	duct ectasia	<17>				<16>				<14>				<15>							
		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)
prep/cli gl	metastasis:liver tumor	<17>				<16>				<14>				<15>							
		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)
(Nervous system)																					
brain	mineralization	<17>				<16>				<14>				<15>							
		3	0	0	0	1	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0
		(18)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	metastasis:peripheral nerve tumor	<17>				<16>				<14>				<15>							
		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)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(Special sense organs/appendage)																					
eye	metastasis:epididymis tumor	<17>				<16>				<14>				<15>							
		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)	(0)	(0)	(0)	(7)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 14

Organ	Findings	Group Name No. of Animals on Study Grade	Control 17				512 ppm 16				1280 ppm 14				3200 ppm 15			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
(Musculoskeletal system)																		
muscle	leukemic cell infiltration		<17>				<16>				<14>				<15>			
		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	metastasis:subcutis tumor		<17>				<16>				<14>				<15>			
		0 (0)	1 (6)	0 (0)	0 (0)	0 (0)	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	inflammatory infiltration		<17>				<16>				<14>				<15>			
		0 (0)	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 (7)	0 (0)	0 (0)	0 (0)
peritoneum	peritonitis		<17>				<16>				<14>				<15>			
		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (7)	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																		

(HPT150)

BAIS4

TABLE L 3

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

MALE: SACRIFICED ANIMALS

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name	Control				512 ppm				1280 ppm				3200 ppm			
		No. of Animals on Study	33				34				36				35			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																		
skin/app			<33>				<34>				<36>				<35>			
	ulcer		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)
	squamous cell 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)
	scab		0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0
			(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)
subcutis			<33>				<34>				<36>				<35>			
	thrombus		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)	(3)	(0)	(0)	(0)	(0)	(0)	(0)
{Respiratory system}																		
nasal cavit			<33>				<34>				<36>				<35>			
	mineralization		1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammation		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)
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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name No. of Animals on Study Grade	Control 33				512 ppm 34				1280 ppm 36				3200 ppm 35			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
[Respiratory system]																		
nasal cavit			<33>				<34>				<36>				<35>			
	metastasis:spleen tumor		0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	eosinophilic change:olfactory epithelium		23 (70)	1 (3)	1 (3)	0 (0)	21 (62)	4 (12)	0 (0)	0 (0)	21 (58)	8 (22)	0 (0)	0 (0)	18 (51)	2 (6)	0 (0)	0 (0)
	eosinophilic change:respiratory epithelium		9 (27)	13 (39)	1 (3)	0 (0)	22 (65)	2 (6)	0 (0)	0 (0)	16 (44)	6 (17)	0 (0)	0 (0)	10 (29)	0 (0)	0 (0)	0 (0)
	inflammation:respiratory epithelium		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	respiratory metaplasia:olfactory epithelium		17 (52)	3 (9)	0 (0)	0 (0)	22 (65)	2 (6)	0 (0)	0 (0)	14 (39)	2 (6)	0 (0)	0 (0)	12 (34)	1 (3)	0 (0)	0 (0)
	respiratory metaplasia:gland		16 (48)	7 (21)	3 (9)	0 (0)	22 (65)	11 (32)	0 (0)	0 (0)	16 (44)	13 (36)	0 (0)	0 (0)	19 (54)	6 (17)	0 (0)	0 (0)
	squamous cell metaplasia:respiratory epithelium		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)
	epithelial hyperplasia:transitional cell type		0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 3

Organ	Findings	Group Name No. of Animals on Study Grade				Control 33				512 ppm 34				1280 ppm 36				3200 ppm 35			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																					
nasopharynx		<33>				<34>				<36>				<35>							
	eosinophilic change	1	0	1	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
		(3)	(0)	(3)	(0)	(3)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammation	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)	(0)
lung		<33>				<34>				<36>				<35>							
	lymphocytic infiltration	2	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
		(6)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	leukemic cell infiltration	2	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
		(6)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	metastasis:liver tumor	3	1	0	0	2	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
		(9)	(3)	(0)	(0)	(6)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)
	metastasis:subcutis tumor	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)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	metastasis:urinary bladder tumor	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)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	accumulation of foamy cells	5	0	0	0	2	0	0	0	1	0	0	0	6	0	0	0	0	0	0	0
		(15)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(17)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 4

		Group Name No. of Animals on Study Grade				Control 33				512 ppm 34				1280 ppm 36				3200 ppm 35			
Organ	Findings	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)				
{Respiratory system}																					
lung		<33>				<34>				<36>				<35>							
	bronchiolar-alveolar cell hyperplasia	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0				
		(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(3)	(0)	(0)	(0)				
{Hematopoietic system}																					
bone marrow		<33>				<34>				<36>				<35>							
	mastcell hyperplasia	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)				
	leukemic cell infiltration	1	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0				
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(0)	(0)	(0)	(0)				
	metastasis:liver tumor	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)				
	metastasis:spleen tumor	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)				
	metastasis:lymph node tumor	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)				
	myelofibrosis	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)	(3)	(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. : 0580
 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	Control				512 ppm				1280 ppm				3200 ppm			
		No. of Animals on Study	33				34				36				35			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
bone marrow			<33>				<34>				<36>				<35>			
	granulopoiesis:increased		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
lymph node			<33>				<34>				<36>				<35>			
	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)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	metastasis:spleen tumor		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)
thymus			<33>				<34>				<36>				<35>			
	metastasis:liver tumor		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)
spleen			<33>				<34>				<36>				<35>			
	angiectasis		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)
	deposit of hemosiderin		1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
			(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
	deposit of melanin		0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(6)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 6

		Group Name	Control				512 ppm				1280 ppm				3200 ppm			
		No. of Animals on Study	33				34				36				35			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
spleen			<33>				<34>				<36>				<35>			
	leukemic cell infiltration		0	1	0	0	0	1	0	0	2	4	0	0	1	0	0	0
			(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(6)	(11)	(0)	(0)	(3)	(0)	(0)	(0)
	metastasis:lymph node tumor		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)
	extramedullary hematopoiesis		7	9	2	0	18	4	0	0 *	10	6	2	0	15	6	3	0
			(21)	(27)	(6)	(0)	(53)	(12)	(0)	(0)	(28)	(17)	(6)	(0)	(43)	(17)	(9)	(0)
	follicular hyperplasia		1	1	1	0	3	0	0	0	2	0	0	0	2	0	0	0
			(3)	(3)	(3)	(0)	(9)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(6)	(0)	(0)	(0)
(Circulatory system)																		
heart			<33>				<34>				<36>				<35>			
	scar		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)
	myocarditis		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)
	arteritis		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)
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. : 0580
ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 7

Organ	Findings	Group Name No. of Animals on Study Grade				Control 33				512 ppm 34				1280 ppm 36				3200 ppm 35			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																					
tooth		<33>				<34>				<36>				<35>							
	dysplasia	3	0	0	0	2	1	0	0	5	3	0	0	2	1	0	0				
		(9)	(0)	(0)	(0)	(6)	(3)	(0)	(0)	(14)	(8)	(0)	(0)	(6)	(3)	(0)	(0)				
	odontogenic cyst	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)				
tongue		<33>				<34>				<36>				<35>							
	arteritis	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)				
salivary gl		<33>				<34>				<36>				<35>							
	atrophy:focal	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)				
	lymphocytic infiltration	1	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0				
		(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)				
	granulation	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0				
		(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(3)	(0)	(0)				
	leukemic cell infiltration	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 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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 8

Organ	Findings	Group Name	Control				512 ppm				1280 ppm				3200 ppm			
		No. of Animals on Study	33				34				36				35			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
salivary gl			<33>				<34>				<36>				<35>			
	metastasis:lymph node tumor		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)
	xanthogranuloma		0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(3)	(3)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
stomach			<33>				<34>				<36>				<35>			
	ulcer:forestomach		1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(3)	(0)	(3)	(0)	(0)	(0)
	erosion:glandular stomach		5	0	0	0	4	1	0	0	4	1	0	0	3	0	0	0
			(15)	(0)	(0)	(0)	(12)	(3)	(0)	(0)	(11)	(3)	(0)	(0)	(9)	(0)	(0)	(0)
	ulcer:glandular stomach		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)
	hyperplasia:glandular stomach		13	0	0	0	13	0	0	0	9	0	0	0	6	0	0	0
			(39)	(0)	(0)	(0)	(38)	(0)	(0)	(0)	(25)	(0)	(0)	(0)	(17)	(0)	(0)	(0)
	degeneration:glandular stomach		2	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)
small intes			<33>				<34>				<36>				<35>			
	leukemic cell infiltration		1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(3)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 9

Organ	Findings	Group Name No. of Animals on Study Grade				Control 33				512 ppm 34				1280 ppm 36				3200 ppm 35			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																					
liver		<33>				<34>				<36>				<35>							
	necrosis:focal	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)	(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)
	granulation	0	0	0	0	0	0	0	0	1	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)	(3)	(0)	(0)	(0)
	inflammatory cell nest	5	0	0	0	3	0	0	0	4	0	0	0	2	0	0	0	2	0	0	0
		(15)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(6)	(0)	(0)	(0)
	leukemic cell infiltration	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)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	metastasis:spleen tumor	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)	(0)	(0)	(0)
	metastasis:urinary bladder tumor	0	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)	(3)	(0)	(0)	(0)	(3)	(0)	(0)
	metastasis:lymph node tumor	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)	(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. : 0580
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 10

		Group Name No. of Animals on Study Grade				Control 33				512 ppm 34				1280 ppm 36				3200 ppm 35			
Organ	Findings	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																					
liver		<33>				<34>				<36>				<35>							
	clear cell focus	1	0	0	0	1	0	3	0	0	1	0	0	2	1	0	0	2	1	0	0
		(3)	(0)	(0)	(0)	(3)	(0)	(9)	(0)	(0)	(3)	(0)	(0)	(6)	(3)	(0)	(0)	(6)	(3)	(0)	(0)
	acidophilic cell focus	2	1	1	0	1	1	0	0	2	1	1	0	4	0	1	0	11	0	1	0
		(6)	(3)	(3)	(0)	(3)	(3)	(0)	(0)	(6)	(3)	(3)	(0)	(11)	(0)	(3)	(0)	(11)	(0)	(3)	(0)
	basophilic cell focus	0	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0	3	0	0	0
		(0)	(3)	(0)	(0)	(0)	(0)	(3)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
	biliary cyst	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
gall bladd		<33>				<34>				<36>				<35>							
	metastasis:urinary bladder tumor	0	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)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
pancreas		<33>				<34>				<36>				<35>							
	leukemic cell infiltration	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	metastasis:urinary bladder tumor	0	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)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(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. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 11

Organ	Findings	Group Name No. of Animals on Study Grade	Control 33				512 ppm 34				1280 ppm 36				3200 ppm 35			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
pancreas	islet cell hyperplasia		<33>				<34>				<36>				<35>			
			1	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
{Urinary system}																		
kidney	atrophy		<33>				<34>				<36>				<35>			
			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)
	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)	(3)	(0)	(0)	(0)
	hyaline droplet		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)
	lymphocytic infiltration		1	0	0	0	3	0	0	0	1	0	0	0	1	0	0	0
			(3)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
	scar		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)	(3)	(0)	(0)	(0)
	inflammatory polyp		0	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)

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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 12

Organ	Findings	Group Name	Control				512 ppm				1280 ppm				3200 ppm			
		No. of Animals on Study	33				34				36				35			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																		
kidney	ossification		<33>				<34>				<36>				<35>			
			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)	(3)	(0)	(0)	(0)
	leukemic cell infiltration		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)
	metastasis:liver tumor		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)
	metastasis:urinary bladder tumor		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)	(3)	(0)	(0)	(0)
metastasis:lymph node tumor		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)	
hydronephrosis		2	0	1	0	1	0	1	0	1	1	2	0	0	1	1	0	
		(6)	(0)	(3)	(0)	(3)	(0)	(3)	(0)	(3)	(3)	(6)	(0)	(0)	(3)	(3)	(0)	
papillary necrosis		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)	
regeneration:proximal tubule		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)	
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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 13

Organ	Findings	Group Name No. of Animals on Study Grade	Control 33				512 ppm 34				1280 ppm 36				3200 ppm 35			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
urin bladd			<33>				<34>				<36>				<35>			
	dilatation		0	0	0	0	0	0	0	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)
	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)
	leukemic cell infiltration		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)
{Endocrine system}																		
pituitary			<33>				<34>				<36>				<35>			
	cyst		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)
	inflammatory infiltration		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)
	hyperplasia		3	0	0	0	1	0	0	0	0	1	0	0	1	1	0	0
			(9)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(3)	(3)	(0)	(0)
	Rathke pouch		2	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(11)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 14

Organ	Findings	Group Name No. of Animals on Study Grade	Control 33				512 ppm 34				1280 ppm 36				3200 ppm 35			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}																		
thyroid	cyst		<33>				<34>				<36>				<35>			
		2	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0
		(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(6)	(0)	(0)	(0)
	focal follicular 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)	(0)	(3)	(0)	(0)	(0)
parathyroid	cyst		<33>				<34>				<36>				<35>			
		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)	(0)	(0)	(0)	(0)	(0)
adrenal	metastasis:liver tumor		<33>				<34>				<35>				<35>			
		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)	(0)	(3)	(0)	(0)	(0)
	spindle-cell hyperplasia		20	4	0	0	15	2	0	0	15	1	0	0 *	13	4	0	0
		(61)	(12)	(0)	(0)	(44)	(6)	(0)	(0)	(43)	(3)	(0)	(0)	(37)	(11)	(0)	(0)	(0)
	hyperplasia:cortical cell		0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)
	hyperplasia:medulla		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)
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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 15

Organ	Findings	Group Name No. of Animals on Study Grade				Control 33				512 ppm 34				1280 ppm 36				3200 ppm 35			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																					
testis		<33>				<34>				<36>				<35>							
	mineralization	9	0	0	0	9	0	0	0	8	0	0	0	11	0	0	0				
		(27)	(0)	(0)	(0)	(26)	(0)	(0)	(0)	(22)	(0)	(0)	(0)	(31)	(0)	(0)	(0)				
epididymis		<33>				<34>				<36>				<35>							
	inflammatory 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)				
	granulation	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)				
	spermatogenic granuloma	1	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0				
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(11)	(0)	(0)	(0)				
	xanthogranuloma	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)				
semin ves		<33>				<34>				<36>				<35>							
	mineralization	2	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)				
prostate		<33>				<34>				<36>				<35>							
	leukemic cell infiltration	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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Chi Square

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 16

		Group Name	Control				512 ppm				1280 ppm				3200 ppm			
		No. of Animals on Study	33				34				36				35			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Nervous system)																		
brain			<33>				<34>				<36>				<35>			
	mineralization		9	0	0	0	8	0	0	0	4	0	0	0	9	0	0	0
			(27)	(0)	(0)	(0)	(24)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(26)	(0)	(0)	(0)
(Special sense organs/appendage)																		
eye			<33>				<34>				<36>				<35>			
	keratitis		0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
Harder gl			<33>				<34>				<36>				<35>			
	hyperplasia		1	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0
			(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(3)	(0)	(0)
(Musculoskeletal system)																		
bone			<33>				<34>				<36>				<35>			
	osteosclerosis		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)
(Body cavities)																		
retroperit			<33>				<34>				<36>				<35>			
	metastasis:liver tumor		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	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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 17

Organ	Findings	Group Name No. of Animals on Study Grade	Control 33				512 ppm 34				1280 ppm 36				3200 ppm 35			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

{Body cavities}

mesenterium		<33>				<34>				<36>				<35>			
hemorrhage		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)

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 L 4

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

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Crj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 17

Organ	Findings	Group Name No. of Animals on Study Grade	Control 50				512 ppm 50				1280 ppm 50				3200 ppm 50			
			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>			
			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)
	inflammation		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)
	scab		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)
	epidermal cyst		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 system)																		
nasal cavit	mineralization		<50>				<50>				<50>				<50>			
			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)
	inflammation		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)
	eosinophilic change:olfactory epithelium		23	5	0	0	18	1	0	0	23	2	0	0	16	0	0	0 *
			(46)	(10)	(0)	(0)	(36)	(2)	(0)	(0)	(46)	(4)	(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 : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference ; * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Crj[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				512 ppm 50				1280 ppm 50				3200 ppm 50			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
(Respiratory system)																		
nasal cavit			<50>				<50>				<50>				<50>			
	eosinophilic change:respiratory epithelium		19 (38)	24 (48)	0 (0)	0 (0)	16 (32)	16 (32)	4 (8)	0 * (0)	19 (38)	17 (34)	3 (6)	0 (0)	18 (36)	13 (26)	1 (2)	0 * (0)
	respiratory metaplasia:olfactory epithelium		13 (26)	2 (4)	0 (0)	0 (0)	10 (20)	0 (0)	0 (0)	0 (0)	8 (16)	1 (2)	0 (0)	0 (0)	13 (26)	1 (2)	0 (0)	0 (0)
	respiratory metaplasia:gland		35 (70)	9 (18)	0 (0)	0 (0)	34 (68)	9 (18)	0 (0)	0 (0)	40 (80)	5 (10)	0 (0)	0 (0)	36 (72)	5 (10)	0 (0)	0 (0)
	squamous cell metaplasia:respiratory epithelium		2 (4)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	ulcer:respiratory epithelium		1 (2)	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)	
nasopharynx			<50>				<50>				<50>				<50>			
	eosinophilic change		3 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)
lung			<50>				<50>				<50>				<50>			
	lymphocytic infiltration		1 (2)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)	0 (0)	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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 19

		Group Name No. of Animals on Study	Control 50				512 ppm 50				1280 ppm 50				3200 ppm 50			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																		
lung			<50>				<50>				<50>				<50>			
	accumulation of foamy cells		7	0	0	0	12	0	0	0	4	0	0	0	10	0	0	0
			(14)	(0)	(0)	(0)	(24)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(20)	(0)	(0)	(0)
	bronchiolar-alveolar cell hyperplasia		3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(Hematopoietic system)																		
bone marrow			<50>				<50>				<50>				<50>			
	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)
	granulation		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)
	increased hematopoiesis		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)	
	myelofibrosis		1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(2)	(2)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
spleen			<50>				<50>				<50>				<50>			
	deposit of hemosiderin		5	0	0	0	2	0	0	0	4	0	0	0	11	0	0	0
			(10)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(22)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 20

Organ	Findings	Group Name No. of Animals on Study Grade	Control 50				512 ppm 50				1280 ppm 50				3200 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>			
	deposit of melanin		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)	(0)	(0)	(0)	(0)
	extramedullary hematopoiesis		7	5	2	0	11	2	0	0	14	3	6	0	13	6	3	0
			(14)	(10)	(4)	(0)	(22)	(4)	(0)	(0)	(28)	(6)	(12)	(0)	(26)	(12)	(6)	(0)
	follicular hyperplasia		0	1	0	0	0	3	0	0	1	1	1	0	0	0	1	0
			(0)	(2)	(0)	(0)	(0)	(6)	(0)	(0)	(2)	(2)	(2)	(0)	(0)	(0)	(2)	(0)
(Circulatory system)																		
heart			<50>				<50>				<50>				<50>			
	thrombus		0	1	0	0	1	0	0	0	1	0	0	0	0	1	0	0
			(0)	(2)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(2)	(0)	(0)
	mineralization		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	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)
	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)	(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 : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference ; * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 21

		Group Name	Control				512 ppm				1280 ppm				3200 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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
oral cavity			<50>				<50>				<50>				<50>			
	thrombus		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)
tooth			<50>				<50>				<50>				<50>			
	dysplasia		2	0	0	0	0	2	0	0	3	0	0	0	0	0	0	0
			(4)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
tongue			<50>				<50>				<50>				<50>			
	inflammation		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)
salivary gl			<50>				<50>				<50>				<50>			
	lymphocytic infiltration		4	0	0	0	3	0	0	0	4	0	0	0	4	0	0	0
			(8)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(8)	(0)	(0)	(0)
stomach			<50>				<50>				<50>				<50>			
	ulcer:forestomach		2	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
			(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	hyperplasia:forestomach		2	1	0	0	3	0	0	0	0	0	0	0	1	0	0	0
			(4)	(2)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	erosion:glandular stomach		3	1	0	0	8	0	0	0	1	0	0	0	3	0	0	0
			(6)	(2)	(0)	(0)	(16)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(6)	(0)	(0)	(0)

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

STUDY NO. : 0580
 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				512 ppm 50				1280 ppm 50				3200 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
stomach	ulcer:glandular stomach		<50>				<50>				<50>				<50>			
			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)
	hyperplasia:glandular stomach		13	0	0	0	6	0	0	0	4	0	0	0 *	6	0	0	0
			(26)	(0)	(0)	(0)	(12)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(12)	(0)	(0)	(0)
small intes	lymphocytic infiltration		<50>				<50>				<50>				<50>			
			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)
liver	angiectasis		<50>				<50>				<50>				<50>			
			3	0	0	0	2	0	0	0	1	0	0	0	0	2	0	0
			(6)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(4)	(0)	(0)
	necrosis:central		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)
	necrosis:focal		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)
	inflammatory infiltration		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)

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. : 0580
 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_____	Group Name	Control				512 ppm				1280 ppm				3200 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>			
	lymphocytic infiltration		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)
	granulation		11	1	0	0	16	1	0	0	20	1	0	0	17	1	0	0
			(22)	(2)	(0)	(0)	(32)	(2)	(0)	(0)	(40)	(2)	(0)	(0)	(34)	(2)	(0)	(0)
	inflammatory cell nest		4	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(8)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	extramedullary hematopoiesis		1	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
clear cell focus		0	0	0	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)	
acidophilic cell focus		1	1	2	0	1	1	4	0	1	2	3	0	1	1	2	0	
		(2)	(2)	(4)	(0)	(2)	(2)	(8)	(0)	(2)	(4)	(6)	(0)	(2)	(2)	(4)	(0)	
basophilic cell focus		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)	
biliary 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)	

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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 24

		Group Name No. of Animals on Study	Control 50				512 ppm 50				1280 ppm 50				3200 ppm 50			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
(Digestive system)																		
liver			<50>				<50>				<50>				<50>			
	mineralization:central		0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	hyperplasia:Ito-cell		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)
gall bladd			<50>				<50>				<50>				<50>			
	hyperplasia		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)
pancreas			<50>				<50>				<50>				<50>			
	lymphocytic infiltration		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	islet cell hyperplasia		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)
(Urinary system)																		
kidney			<50>				<50>				<50>				<50>			
	cyst		0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	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. : 0580
 ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 25

Organ	Findings	Group Name	Control				512 ppm				1280 ppm				3200 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		3 (6)	3 (6)	1 (2)	0 (0)	1 (2)	6 (12)	0 (0)	0 (0)	4 (8)	4 (8)	2 (4)	0 (0)	3 (6)	7 (14)	5 (10)	0 (0)
	deposit of amyloid		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	inflammatory infiltration		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	lymphocytic infiltration		8 (16)	2 (4)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)	5 (10)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)
	scar		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)
	inflammatory polyp		1 (2)	2 (4)	0 (0)	0 (0)	2 (4)	1 (2)	0 (0)	0 (0)	1 (2)	0 (0)	1 (2)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)
	ossification		1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
hydronephrosis		0 (0)	2 (4)	2 (4)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	1 (2)	5 (10)	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. : 0580
 ANIMAL : MOUSE B6D2F1/Crj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 26

		Group Name No. of Animals on Study	Control 50				512 ppm 50				1280 ppm 50				3200 ppm 50				
Organ	Findings	Grade	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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)
urin bladd			<50>				<50>				<50>				<50>				
	dilatation		1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
			(2)	(2)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory infiltration		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)
	lymphocytic infiltration		0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Endocrine system}																			
pituitary			<50>				<50>				<50>				<50>				
	angiectasis		0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)
	cyst		0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(4)	(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. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 27

Organ	Findings	Group Name No. of Animals on Study Grade				Control 50				512 ppm 50				1280 ppm 50				3200 ppm 50			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Endocrine system)																					
pituitary	hyperplasia	9 (18)	5 (10)	3 (6)	0 (0)	11 (22)	5 (10)	1 (2)	0 (0)	8 (16)	4 (8)	4 (8)	0 (0)	7 (14)	6 (12)	4 (8)	0 (0)				
	Rathke pouch	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)				
thyroid	cyst	2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)				
	lymphocytic infiltration	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)				
parathyroid	cyst	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)				
adrenal	fatty change	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)				
	extramedullary hematopoiesis	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)				

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. : 0580
ANIMAL : MOUSE B6D2F1/Crj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 28

Organ	Findings	Group Name No. of Animals on Study Grade	Control 50				512 ppm 50				1280 ppm 50				3200 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}																		
adrenal	spindle-cell hyperplasia		<50>				<50>				<50>				<50>			
			34	13	0	0	35	11	0	0	37	10	0	0	40	9	0	0
			(68)	(26)	(0)	(0)	(70)	(22)	(0)	(0)	(74)	(20)	(0)	(0)	(80)	(18)	(0)	(0)
	hyperplasia:cortical cell		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)
	focal fatty change:cortex		1	0	0	0	2	1	0	0	0	0	0	0	2	0	0	0
			(2)	(0)	(0)	(0)	(4)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
{Reproductive system}																		
ovary	angiectasis		<50>				<50>				<50>				<50>			
			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)
	thrombus		0	0	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)
	cyst		3	1	0	0	0	0	1	0	3	0	2	0	0	0	1	0
			(6)	(2)	(0)	(0)	(0)	(0)	(2)	(0)	(6)	(0)	(4)	(0)	(0)	(0)	(2)	(0)
	lymphocytic infiltration		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)
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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 29

		Group Name No. of Animals on Study	Control 50				512 ppm 50				1280 ppm 50				3200 ppm 50			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
{Reproductive system}																		
uterus			<50>				<50>				<50>				<50>			
	stromal 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)	(2)	(0)	(0)	(0)
	cystic endometrial hyperplasia		28	0	0	0	32	1	0	0	29	0	0	0	29	0	0	0
			(56)	(0)	(0)	(0)	(64)	(2)	(0)	(0)	(58)	(0)	(0)	(0)	(58)	(0)	(0)	(0)
{Nervous system}																		
brain			<50>				<50>				<50>				<50>			
	mineralization		5	0	0	0	10	0	0	0	3	0	0	0	4	0	0	0
			(10)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(8)	(0)	(0)	(0)
{Special sense organs/appendage}																		
eye			<50>				<50>				<50>				<50>			
	keratitis		2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			(4)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	degeneration:cornea		0	1	0	0	2	0	0	0	0	0	0	0	1	0	0	0
			(0)	(2)	(0)	(0)	(4)	(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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Chi Square

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 30

Organ_____	Findings_____	Group Name	Control				512 ppm				1280 ppm				3200 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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Special sense organs/appendage}																		
eye			<50>				<50>				<50>				<50>			
	mineralization:cornea		0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(6)	(0)	(0)	(0)
Harder gl			<50>				<50>				<50>				<50>			
	hyperplasia		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)
{Musculoskeletal system}																		
muscle			<50>				<50>				<50>				<50>			
	mineralization		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)
bone			<50>				<50>				<50>				<50>			
	osteosclerosis		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

TABLE L 5

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

FEMALE: DEAD AND MORIBUND ANIMALS

STUDY NO. : 0580
 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

		Group Name	Control				512 ppm				1280 ppm				3200 ppm			
		No. of Animals on Study	16				22				22				20			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																		
skin/app			<16>				<22>				<22>				<20>			
	ulcer		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)	(0)	(0)	(0)
	scab		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)	(5)	(0)	(0)	(0)	(0)
	epidermal cyst		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)	(0)	(0)	(0)	(0)
{Respiratory system}																		
nasal cavit			<16>				<22>				<22>				<20>			
	leukemic cell infiltration		0	0	0	0	3	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
	metastasis:uterus tumor		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)	(5)	(0)	(0)	(0)	(0)
	eosinophilic change:olfactory epithelium		5	3	0	0	5	0	0	0	7	0	0	0	8	0	0	0
			(31)	(19)	(0)	(0)	(23)	(0)	(0)	(0)	(32)	(0)	(0)	(0)	(40)	(0)	(0)	(0)
	eosinophilic change:respiratory epithelium		7	6	0	0	7	4	0	0	9	4	1	0	9	4	0	0
			(44)	(38)	(0)	(0)	(32)	(18)	(0)	(0)	(41)	(18)	(5)	(0)	(45)	(20)	(0)	(0)
Grade	1 : Slight 2 : Moderate 3 : Marked 4 : Severe																	
< a >	a : Number of animals examined at the site																	
b	b : Number of animals with lesion																	
(c)	c : b / a * 100																	
Significant difference ; * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square																		

STUDY NO. : 0580
 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

Organ	Findings	Group Name No. of Animals on Study Grade	Control 16				512 ppm 22				1280 ppm 22				3200 ppm 20			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
(Respiratory system)																		
nasal cavit			<16>				<22>				<22>				<20>			
	respiratory metaplasia:olfactory epithelium		5 (31)	0 (0)	0 (0)	0 (0)	3 (14)	0 (0)	0 (0)	0 (0)	2 (9)	0 (0)	0 (0)	0 (0)	5 (25)	1 (5)	0 (0)	0 (0)
	respiratory metaplasia:gland		11 (69)	0 (0)	0 (0)	0 (0)	13 (59)	3 (14)	0 (0)	0 (0)	15 (68)	2 (9)	0 (0)	0 (0)	11 (55)	2 (10)	0 (0)	0 (0)
nasopharynx			<16>				<22>				<22>				<20>			
	eosinophilic change		1 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)
trachea			<16>				<22>				<22>				<20>			
	leukemic cell infiltration		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)
lung			<16>				<22>				<22>				<20>			
	lymphocytic infiltration		0 (0)	0 (0)	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)
	leukemic cell infiltration		5 (31)	2 (13)	0 (0)	0 (0)	10 (45)	0 (0)	0 (0)	0 (0)	5 (23)	0 (0)	0 (0)	0 (0)	2 (10)	1 (5)	0 (0)	0 (0)
	metastasis:liver tumor		0 (0)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (10)	1 (5)	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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDFl]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 17

		Group Name	Control				512 ppm				1280 ppm				3200 ppm			
		No. of Animals on Study	16				22				22				20			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ	Findings		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
lung			<16>				<22>				<22>				<20>			
	metastasis:uterus tumor		4	0	0	0	4	0	0	0	7	0	0	0	7	0	0	0
			(25)	(0)	(0)	(0)	(18)	(0)	(0)	(0)	(32)	(0)	(0)	(0)	(35)	(0)	(0)	(0)
	metastasis:bone tumor		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)	(0)	(0)	(0)	(0)
	metastasis:spleen tumor		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
	accumulation of foamy cells		0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Hematopoietic system}																		
bone marrow			<16>				<22>				<22>				<20>			
	angiectasis		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)	(0)	(0)	(0)	(0)
	leukemic cell infiltration		3	0	0	0	5	0	0	0	3	0	0	0	0	0	0	0
			(19)	(0)	(0)	(0)	(23)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	metastasis:uterus tumor		2	0	0	0	1	0	0	0	5	0	0	0	2	0	0	0
			(13)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(23)	(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	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. : 0580
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 Grade	Control 16				512 ppm 22				1280 ppm 22				3200 ppm 20			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
bone marrow			<16>				<22>				<22>				<20>			
	metastasis:spleen tumor		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)
	increased hematopoiesis		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)	(5)	(0)	(0)	(0)	
	myelofibrosis		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)	(0)	(0)	
lymph node			<16>				<22>				<22>				<20>			
	metastasis:uterus tumor		0	1	0	0	1	0	0	0	2	0	0	0	2	0	0	0
			(0)	(6)	(0)	(0)	(5)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	metastasis:spleen tumor		1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	
spleen			<16>				<22>				<22>				<20>			
	deposit of hemosiderin		1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	deposit of melanin		1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(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. : 0580
 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

		Group Name No. of Animals on Study Grade				Control 16				512 ppm 22				1280 ppm 22				3200 ppm 20			
Organ	Findings	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)				
{Hematopoietic system}																					
spleen		<16>				<22>				<22>				<20>							
	leukemic cell infiltration	5 (31)	2 (13)	0 (0)	0 (0)	5 (23)	3 (14)	0 (0)	0 (0)	3 (14)	2 (9)	0 (0)	0 (0)	2 (10)	1 (5)	0 (0)	0 (0)				
	metastasis:liver tumor	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (5)	1 (5)	0 (0)	0 (0)				
	metastasis:uterus tumor	3 (19)	0 (0)	0 (0)	0 (0)	5 (23)	0 (0)	0 (0)	0 (0)	0 (0)	3 (14)	0 (0)	0 * (0)	8 (40)	0 (0)	0 (0)	0 (0)				
	extramedullary hemapoiesis	0 (0)	2 (13)	1 (6)	0 (0)	3 (14)	2 (9)	0 (0)	0 (0)	3 (14)	2 (9)	6 (27)	0 (0)	0 (0)	2 (10)	2 (10)	0 (0)				
{Circulatory system}																					
heart		<16>				<22>				<22>				<20>							
	thrombus	0 (0)	1 (6)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)				
	mineralization	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)				
	leukemic cell infiltration	0 (0)	0 (0)	0 (0)	0 (0)	2 (9)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)				
Grade	1 : Slight 2 : Moderate 3 : Marked 4 : Severe																				
< a >	a : Number of animals examined at the site																				
b	b : Number of animals with lesion																				
(c)	c : b / a * 100																				
Significant difference ; * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square																					

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 20

Organ	Findings	Group Name No. of Animals on Study Grade	Control 16				512 ppm 22				1280 ppm 22				3200 ppm 20			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
[Circulatory system]																		
heart			<16>				<22>				<22>				<20>			
	arteritis		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)
{Digestive system}																		
oral cavity			<16>				<22>				<22>				<20>			
	thrombus		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)
tooth			<16>				<22>				<22>				<20>			
	dysplasia		1	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(9)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
tongue			<16>				<22>				<22>				<20>			
	inflammation		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)	(0)	(0)	(0)	(0)
salivary gl			<16>				<22>				<22>				<20>			
	leukemic cell infiltration		2	0	0	0	5	1	0	0	1	0	0	0	2	0	0	0
			(13)	(0)	(0)	(0)	(23)	(5)	(0)	(0)	(5)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
stomach			<16>				<22>				<22>				<20>			
	leukemic cell infiltration		1	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(5)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 21

		Group Name	Control				512 ppm				1280 ppm				3200 ppm			
		No. of Animals on Study	16				22				22				20			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
stomach			<16>				<22>				<22>				<20>			
	ulcer:forestomach		1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia:forestomach		1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
			(6)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
	erosion:glandular stomach		0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	ulcer:glandular stomach		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)
	hyperplasia:glandular stomach		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)
large intes			<16>				<22>				<22>				<20>			
	metastasis:uterus tumor		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)	(0)	(0)	(0)
liver			<16>				<22>				<22>				<20>			
	necrosis:central		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)	(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. : 0580
ANIMAL : MOUSE B6D2F1/Crj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 22

Organ	Findings	Group Name No. of Animals on Study Grade	Control 16				512 ppm 22				1280 ppm 22				3200 ppm 20			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
liver	necrosis:focal		<16>				<22>				<22>				<20>			
			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)
	granulation		0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	leukemic cell infiltration		3	2	0	0	5	2	0	0	3	2	0	0	2	1	0	0
			(19)	(13)	(0)	(0)	(23)	(9)	(0)	(0)	(14)	(9)	(0)	(0)	(10)	(5)	(0)	(0)
	metastasis:uterus tumor		0	4	0	0	0	3	1	0	2	6	0	0	2	6	0	0
			(0)	(25)	(0)	(0)	(0)	(14)	(5)	(0)	(9)	(27)	(0)	(0)	(10)	(30)	(0)	(0)
	metastasis:spleen tumor		1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(5)	(0)	(0)
	extramedullary hematopoiesis		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)
	acidophilic cell focus		0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(5)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(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)	(5)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 23

Organ	Findings	Group Name No. of Animals on Study Grade	Control 16				512 ppm 22				1280 ppm 22				3200 ppm 20			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
liver			<16>				<22>				<22>				<20>			
	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)	(5)	(0)	(0)	(0)
	hyperplasia:Ito-cell		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)
pancreas			<16>				<22>				<22>				<20>			
	leukemic cell infiltration		3	0	0	0	2	0	0	0	1	1	0	0	1	0	0	0
			(19)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(5)	(5)	(0)	(0)	(5)	(0)	(0)	(0)
	metastasis:uterus tumor		1	0	0	0	3	0	0	0	2	0	0	0	2	0	0	0
			(6)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	islet 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)	(5)	(0)	(0)	(0)
{Urinary system}																		
kidney			<16>				<22>				<22>				<20>			
	hyaline droplet		1	3	1	0	1	6	0	0	3	4	2	0	2	6	5	0
			(6)	(19)	(6)	(0)	(5)	(27)	(0)	(0)	(14)	(18)	(9)	(0)	(10)	(30)	(25)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 24

Organ	Findings	Group Name No. of Animals on Study Grade	Control 16				512 ppm 22				1280 ppm 22				3200 ppm 20			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																		
kidney			<16>				<22>				<22>				<20>			
	deposit of amyloid		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)
	lymphocytic infiltration		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)	(0)	(0)	(0)	(0)
	scar		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)	(0)	(0)	(0)	(0)
	inflammatory polyp		0	1	0	0	2	0	0	0	1	0	0	0	0	0	0	0
			(0)	(6)	(0)	(0)	(9)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	leukemic cell infiltration		3	2	0	0	5	2	0	0	3	0	0	0	3	0	0	0
			(19)	(13)	(0)	(0)	(23)	(9)	(0)	(0)	(14)	(0)	(0)	(0)	(15)	(0)	(0)	(0)
	metastasis:liver tumor		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)
	metastasis:uterus tumor		3	0	0	0	3	1	0	0	3	2	0	0	2	0	0	0
			(19)	(0)	(0)	(0)	(14)	(5)	(0)	(0)	(14)	(9)	(0)	(0)	(10)	(0)	(0)	(0)
	metastasis:spleen tumor		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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 25

Organ	Findings	Group Name No. of Animals on Study Grade	Control 16				512 ppm 22				1280 ppm 22				3200 ppm 20			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																		
kidney	hydronephrosis		<16>				<22>				<22>				<20>			
			0	1	0	0	0	0	0	0	0	0	1	0	0	1	1	0
			(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(5)	(5)	(0)
urin bladd	dilatation		<16>				<22>				<22>				<20>			
			1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(6)	(6)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	leukemic cell infiltration		3	0	0	0	3	2	0	0	1	0	0	0	0	0	0	0
			(19)	(0)	(0)	(0)	(14)	(9)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	metastasis:uterus tumor		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)
(Endocrine system)																		
pituitary	angiectasis		<16>				<22>				<22>				<20>			
			0	0	0	0	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)
	hyperplasia		0	0	0	0	1	1	0	0	4	0	0	0	1	1	0	0
			(0)	(0)	(0)	(0)	(5)	(5)	(0)	(0)	(18)	(0)	(0)	(0)	(5)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 26

Organ	Findings	Group Name No. of Animals on Study Grade	Control 16				512 ppm 22				1280 ppm 22				3200 ppm 20			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
{Endocrine system}																		
thyroid			<16>				<22>				<22>				<20>			
	cyst		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)
	leukemic cell infiltration		0 (0)	0 (0)	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)
	metastasis:spleen tumor		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	
parathyroid			<16>				<22>				<22>				<20>			
	cyst		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)
	metastasis:spleen tumor		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	
adrenal			<16>				<22>				<22>				<20>			
	leukemic cell infiltration		2 (13)	0 (0)	0 (0)	0 (0)	3 (14)	1 (5)	0 (0)	0 (0)	2 (9)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	extramedullary hematopoiesis		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)
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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 27

Organ	Findings	Group Name No. of Animals on Study Grade				Control 16				512 ppm 22				1280 ppm 22				3200 ppm 20			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Endocrine system)																					
adrenal		<16>				<22>				<22>				<20>							
	spindle-cell hyperplasia	12	2	0	0	19	0	0	0	17	2	0	0	18	2	0	0	18	2	0	0
		(75)	(13)	(0)	(0)	(86)	(0)	(0)	(0)	(77)	(9)	(0)	(0)	(90)	(10)	(0)	(0)	(90)	(10)	(0)	(0)
	hyperplasia:cortical cell	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)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	focal fatty change:cortex	0	0	0	0	1	0	0	0	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)
(Reproductive system)																					
ovary		<16>				<22>				<22>				<20>							
	angiectasis	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)	(5)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
	cyst	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		(6)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	leukemic cell infiltration	3	1	0	0	9	0	0	0	3	0	0	0	2	0	0	0	2	0	0	0
		(19)	(6)	(0)	(0)	(41)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	metastasis:liver tumor	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)	(5)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 28

		Group Name No. of Animals on Study	Control 16				512 ppm 22				1280 ppm 22				3200 ppm 20			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Reproductive system)																		
ovary			<16>				<22>				<22>				<20>			
	metastasis:uterus tumor		2 (13)	0 (0)	0 (0)	0 (0)	4 (18)	0 (0)	0 (0)	0 (0)	7 (32)	0 (0)	0 (0)	0 (0)	5 (25)	0 (0)	0 (0)	0 (0)
	metastasis:spleen tumor		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (10)	0 (0)	0 (0)	0 (0)	
uterus			<16>				<22>				<22>				<20>			
	leukemic cell infiltration		0 (0)	0 (0)	0 (0)	0 (0)	1 (5)	1 (5)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)
	cystic endometrial hyperplasia		2 (13)	0 (0)	0 (0)	0 (0)	9 (41)	1 (5)	0 (0)	0 (0)	6 (27)	0 (0)	0 (0)	6 (30)	0 (0)	0 (0)	0 (0)	
vagina			<16>				<22>				<22>				<20>			
	leukemic cell infiltration		1 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
mammary gl			<16>				<22>				<22>				<20>			
	leukemic cell infiltration		1 (6)	0 (0)	0 (0)	0 (0)	2 (9)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
(Nervous system)																		
brain			<16>				<22>				<22>				<20>			
	mineralization		0 (0)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	1 (5)	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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDFl]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 29

Organ	Findings	Group Name No. of Animals on Study Grade	Control 16				512 ppm 22				1280 ppm 22				3200 ppm 20			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Nervous system)																		
brain	leukemic cell infiltration		<16>				<22>				<22>				<20>			
			0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(5)	(0)	(0)	(0)
spinal cord	leukemic cell infiltration		<16>				<22>				<22>				<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)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(Special sense organs/appendage)																		
eye	keratitis		<16>				<22>				<22>				<20>			
			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)	(0)	(0)	(0)	(0)
Harder gl	leukemic cell infiltration		<16>				<22>				<22>				<20>			
			1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	metastasis:uterus tumor		<16>				<22>				<22>				<20>			
			0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(5)	(0)	(0)	(0)
(Musculoskeletal system)																		
muscle	mineralization		<16>				<22>				<22>				<20>			
			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)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 30

Organ	Findings	Group Name No. of Animals on Study Grade	Control 16				512 ppm 22				1280 ppm 22				3200 ppm 20			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
[Body cavities]																		
pleura	metastasis:spleen tumor		<16>				<22>				<22>				<20>			
		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 (5)	0 (0)	0 (0)	0 (0)	
peritoneum	leukemic cell infiltration		<16>				<22>				<22>				<20>			
		1 (6)	1 (6)	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)	
	metastasis:uterus tumor		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	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	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 L 6

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

FEMALE: SACRIFICED ANIMALS

STUDY NO. : 0580
 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 No. of Animals on Study Grade	Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

{Integumentary system/appandage}

skin/app		<34>					<28>					<28>				<30>			
	inflammation	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)	(0)	(0)
	leukemic cell infiltration	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)	(0)	(0)
	scab	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)	(0)	(0)
subcutis		<34>					<28>					<28>				<30>			
	metastasis:uterus tumor	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)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

{Respiratory system}

nasal cavit		<34>					<28>					<28>				<30>			
	mineralization	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)	(0)	(3)	(0)	(0)	(0)
	inflammation	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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Chi Square

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 19

Organ	Findings	Group Name No. of Animals on Study Grade	Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
{Respiratory system}																		
nasal cavit			<34>				<28>				<28>				<30>			
	leukemic cell infiltration		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)
	eosinophilic change:olfactory epithelium		18 (53)	2 (6)	0 (0)	0 (0)	13 (46)	1 (4)	0 (0)	0 (0)	16 (57)	2 (7)	0 (0)	0 (0)	8 (27)	0 (0)	0 (0)	0 * (0)
	eosinophilic change:respiratory epithelium		12 (35)	18 (53)	0 (0)	0 (0)	9 (32)	12 (43)	4 (14)	0 (0)	10 (36)	13 (46)	2 (7)	0 (0)	9 (30)	9 (30)	1 (3)	0 (0)
	respiratory metaplasia:olfactory epithelium		8 (24)	2 (6)	0 (0)	0 (0)	7 (25)	0 (0)	0 (0)	0 (0)	6 (21)	1 (4)	0 (0)	0 (0)	8 (27)	0 (0)	0 (0)	0 (0)
	respiratory metaplasia:gland		24 (71)	9 (26)	0 (0)	0 (0)	21 (75)	6 (21)	0 (0)	0 (0)	25 (89)	3 (11)	0 (0)	0 (0)	25 (83)	3 (10)	0 (0)	0 (0)
	squamous cell metaplasia:respiratory epithelium		2 (6)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	ulcer:respiratory epithelium		1 (3)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
nasopharynx			<34>				<28>				<28>				<30>			
	eosinophilic change		2 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	2 (7)	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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 20

Organ	Findings	Group Name No. of Animals on Study Grade				Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																					
lung		<34>				<28>				<28>				<30>							
	lymphocytic infiltration	1 (3)	0 (0)	0 (0)	0 (0)	2 (7)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	leukemic cell infiltration	4 (12)	0 (0)	0 (0)	0 (0)	2 (7)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	metastasis:liver tumor	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	metastasis:uterus tumor	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	accumulation of foamy cells	7 (21)	0 (0)	0 (0)	0 (0)	11 (39)	0 (0)	0 (0)	0 (0)	2 (7)	0 (0)	0 (0)	0 (0)	10 (33)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	bronchiolar-alveolar cell hyperplasia	3 (9)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (11)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
{Hematopoietic system}																					
bone marrow		<34>				<28>				<28>				<30>							
	granulation	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	1 (3)	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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 21

Organ	Findings	Group Name No. of Animals on Study Grade	Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Hematopoietic system}																		
bone marrow			<34>				<28>				<28>				<30>			
	leukemic cell infiltration		3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
			(9)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)
	metastasis:uterus tumor		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)
	myelofibrosis		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)
lymph node			<34>				<28>				<28>				<30>			
	metastasis:liver tumor		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)
	metastasis:uterus tumor		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)	(3)	(0)	(0)	(0)
			<34>				<28>				<28>				<30>			
thymus	metastasis:uterus tumor		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)
			<34>				<28>				<28>				<30>			
spleen	deposit of hemosiderin		4	0	0	0	1	0	0	0	4	0	0	0	11	0	0	0 *
			(12)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(37)	(0)	(0)	(0)
			<34>				<28>				<28>				<30>			

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. : 0580
 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 No. of Animals on Study Grade	Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Hematopoietic system}																		
spleen			<34>				<28>				<28>				<30>			
	deposit of melanin		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)
	leukemic cell infiltration		2	2	0	0	0	3	0	0	0	0	0	0	1	2	0	0
			(6)	(6)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(7)	(0)	(0)
	metastasis:uterus tumor		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)
	extramedullary hematopoiesis		7	3	1	0	8	0	0	0	11	1	0	0	13	4	1	0
			(21)	(9)	(3)	(0)	(29)	(0)	(0)	(0)	(39)	(4)	(0)	(0)	(43)	(13)	(3)	(0)
	follicular hyperplasia		0	1	0	0	0	3	0	0	1	1	1	0	0	0	1	0
			(0)	(3)	(0)	(0)	(0)	(11)	(0)	(0)	(4)	(4)	(4)	(0)	(0)	(0)	(3)	(0)
{Circulatory system}																		
heart			<34>				<28>				<28>				<30>			
	inflammatory infiltration		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)
	arteritis		0	0	0	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)

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. : 0580
ANIMAL : MOUSE B6D2F1/CrJ[BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 23

Organ	Findings	Group Name No. of Animals on Study Grade	Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
tooth	dysplasia		<34>				<28>				<28>				<30>			
			1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
tongue	leukemic cell infiltration		<34>				<28>				<28>				<30>			
			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	lymphocytic infiltration		<34>				<28>				<28>				<30>			
			4	0	0	0	3	0	0	0	4	0	0	0	4	0	0	0
			(12)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(13)	(0)	(0)	(0)
	leukemic cell infiltration		<34>				<28>				<28>				<30>			
			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)
stomach	leukemic cell infiltration		<34>				<28>				<28>				<30>			
			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)
	ulcer:forestomach		<34>				<28>				<28>				<30>			
			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)	(3)	(0)	(0)	(0)
	hyperplasia:forestomach		<34>				<28>				<28>				<30>			
			1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
			(3)	(3)	(0)	(0)	(7)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
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HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 SACRIFICED ANIMALS (105W)

PAGE : 24

Organ	Findings	Group Name No. of Animals on Study Grade	Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
stomach			<34>				<28>				<28>				<30>			
	erosion:glandular stomach		3	1	0	0	6	0	0	0	1	0	0	0	3	0	0	0
			(9)	(3)	(0)	(0)	(21)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	ulcer:glandular stomach		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:glandular stomach		13	0	0	0	6	0	0	0	4	0	0	0	5	0	0	0
			(38)	(0)	(0)	(0)	(21)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(17)	(0)	(0)	(0)
small intes			<34>				<28>				<28>				<30>			
	lymphocytic infiltration		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)
	leukemic cell infiltration		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)	(3)	(0)
liver			<34>				<28>				<28>				<30>			
	angiectasis		3	0	0	0	2	0	0	0	1	0	0	0	0	2	0	0
			(9)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(7)	(0)	(0)
	inflammatory infiltration		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 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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
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HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 SACRIFICED ANIMALS (105W)

PAGE : 25

Organ	Findings	Group Name No. of Animals on Study Grade	Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
liver	lymphocytic infiltration		<34>				<28>				<28>				<30>			
			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)
	granulation		11	1	0	0	16	1	0	0	18	1	0	0 *	17	1	0	0
			(32)	(3)	(0)	(0)	(57)	(4)	(0)	(0)	(64)	(4)	(0)	(0)	(57)	(3)	(0)	(0)
	inflammatory cell nest		4	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(12)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
	leukemic cell infiltration		2	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0
			(6)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)
	metastasis:uterus tumor		3	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(9)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
	metastasis:ovary tumor		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)
	extramedullary hematopoiesis		1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	clear cell focus		0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(4)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
 < a > a : Number of animals examined at the site
 b : 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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 26

Organ	Findings	Group Name No. of Animals on Study Grade				Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																					
liver		<34>				<28>				<28>				<30>							
	acidophilic cell focus	1	1	2	0	1	0	3	0	1	2	3	0	1	1	2	0	1	1	2	0
		(3)	(3)	(6)	(0)	(4)	(0)	(11)	(0)	(4)	(7)	(11)	(0)	(3)	(3)	(7)	(0)	(3)	(3)	(7)	(0)
	basophilic cell focus	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(3)	(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
		(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	mineralization:central	0	0	0	0	1	0	0	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)	(0)	(0)	(0)	(0)
gall bladd		<34>				<28>				<28>				<30>							
	hyperplasia	0	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)	(3)	(0)	(0)	(0)	(3)	(0)	(0)
pancreas		<34>				<28>				<28>				<30>							
	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)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	leukemic cell infiltration	2	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)	(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. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 27

Organ	Findings	Group Name No. of Animals on Study Grade	Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
{Digestive system}																		
pancreas			<34>				<28>				<28>				<30>			
	metastasis:uterus tumor		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)
	islet cell hyperplasia		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)	0 (0)	0 (0)	0 (0)
{Urinary system}																		
kidney			<34>				<28>				<28>				<30>			
	cyst		0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	hyaline droplet		2 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	1 (3)	1 (3)	0 (0)	0 (0)
	inflammatory infiltration		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	lymphocytic infiltration		8 (24)	2 (6)	0 (0)	0 (0)	2 (7)	0 (0)	0 (0)	0 (0)	5 (18)	0 (0)	0 (0)	0 (0)	3 (10)	0 (0)	0 (0)	0 (0)
	inflammatory polyp		1 (3)	1 (3)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	2 (7)	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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 28

Organ	Findings	Group Name No. of Animals on Study Grade	Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
(Urinary system)																		
kidney			<34>				<28>				<28>				<30>			
	ossification		1 (3)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	leukemic cell infiltration		2 (6)	2 (6)	0 (0)	0 (0)	2 (7)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	metastasis:uterus tumor		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)	0 (0)	0 (0)	0 (0)
	hydronephrosis		0 (0)	1 (3)	2 (6)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	4 (13)	0 (0)	0 (0)
	regeneration:proximal tubule		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)
urin bladd			<34>				<28>				<28>				<30>			
	inflammatory infiltration		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)
	lymphocytic infiltration		0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	leukemic cell infiltration		1 (3)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
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. : 0580
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 29

Organ	Findings	Group Name No. of Animals on Study Grade	Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
urin bladd	metastasis:uterus tumor		<34>				<28>				<28>				<30>			
			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)
{Endocrine system}																		
pituitary	cyst		<34>				<28>				<28>				<30>			
			0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(7)	(0)	(0)	(0)
	hyperplasia		9	5	3	0	10	4	1	0	4	4	4	0	6	5	4	0
			(26)	(15)	(9)	(0)	(36)	(14)	(4)	(0)	(14)	(14)	(14)	(0)	(20)	(17)	(13)	(0)
	Rathke pouch		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)
thyroid	cyst		<34>				<28>				<28>				<30>			
			2	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(7)	(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)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 30

Organ	Findings	Group Name No. of Animals on Study Grade	Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}																		
thyroid	leukemic cell infiltration		<34>				<28>				<28>				<30>			
			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)
parathyroid	cyst		<34>				<28>				<28>				<30>			
			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)
adrenal	fatty change		<34>				<28>				<28>				<30>			
			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)
	leukemic cell infiltration		<34>				<28>				<28>				<30>			
			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)
	spindle-cell hyperplasia		<34>				<28>				<28>				<30>			
			22	11	0	0	16	11	0	0	20	8	0	0	22	7	0	0
			(65)	(32)	(0)	(0)	(57)	(39)	(0)	(0)	(71)	(29)	(0)	(0)	(73)	(23)	(0)	(0)
	focal fatty change:cortex		<34>				<28>				<28>				<30>			
			1	0	0	0	1	1	0	0	0	0	0	0	2	0	0	0
			(3)	(0)	(0)	(0)	(4)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(0)	(0)	(0)
{Reproductive system}																		
ovary	thrombus		<34>				<28>				<28>				<30>			
			0	0	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)	(3)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 31

Organ	Findings	Group Name No. of Animals on Study Grade	Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																		
ovary			<34>				<28>				<28>				<30>			
	cyst		2	1	0	0	0	0	0	0	3	0	2	0	0	0	1	0
			(6)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(11)	(0)	(7)	(0)	(0)	(0)	(3)	(0)
	lymphocytic infiltration		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)
	leukemic cell infiltration		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)
	metastasis:uterus tumor		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)
	metastasis:salivary gland tumor		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)
uterus			<34>				<28>				<28>				<30>			
	leukemic cell infiltration		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)
	stromal 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)
	cystic endometrial hyperplasia		26	0	0	0	23	0	0	0	23	0	0	0	23	0	0	0
			(76)	(0)	(0)	(0)	(82)	(0)	(0)	(0)	(82)	(0)	(0)	(0)	(77)	(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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 32

Organ	Findings	Group Name No. of Animals on Study Grade	Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																		
mammary gl			<34>				<28>				<28>				<30>			
	leukemic cell infiltration		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)
{Nervous system}																		
brain			<34>				<28>				<28>				<30>			
	mineralization		5	0	0	0	9	0	0	0	2	0	0	0	3	0	0	0
			(15)	(0)	(0)	(0)	(32)	(0)	(0)	(0)	(7)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
{Special sense organs/appendage}																		
eye			<34>				<28>				<28>				<30>			
	keratitis		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)
			<34>				<28>				<28>				<30>			
	degeneration:cornea		0	1	0	0	2	0	0	0	0	0	0	0	1	0	0	0
			(0)	(3)	(0)	(0)	(7)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
			<34>				<28>				<28>				<30>			
	mineralization:cornea		0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(7)	(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 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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 33

Organ	Findings	Group Name No. of Animals on Study Grade	Control 34				512 ppm 28				1280 ppm 28				3200 ppm 30			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Special sense organs/appendage}																		
Harder gl	hyperplasia		<34>				<28>				<28>				<30>			
			0	0	0	0	2	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)
{Musculoskeletal system}																		
muscle	leukemic cell infiltration		<34>				<28>				<28>				<30>			
			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)
bone	osteosclerosis		<34>				<28>				<28>				<30>			
			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)

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 1

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

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Crj[Crlj: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	512 ppm	1280 ppm	3200 ppm
0 - 52	NO. OF EXAMINED ANIMALS		2	1	0	2
	NO. OF ANIMALS WITH TUMORS		0	0	0	1
	NO. OF ANIMALS WITH SINGLE TUMORS		0	0	0	1
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0
	NO. OF BENIGN TUMORS		0	0	0	1
	NO. OF MALIGNANT TUMORS		0	0	0	0
	NO. OF TOTAL TUMORS		0	0	0	1
53 - 78	NO. OF EXAMINED ANIMALS		5	4	5	1
	NO. OF ANIMALS WITH TUMORS		1	3	3	0
	NO. OF ANIMALS WITH SINGLE TUMORS		0	1	2	0
	NO. OF ANIMALS WITH MULTIPLE TUMORS		1	2	1	0
	NO. OF BENIGN TUMORS		0	3	2	0
	NO. OF MALIGNANT TUMORS		2	3	2	0
	NO. OF TOTAL TUMORS		2	6	4	0
79 - 104	NO. OF EXAMINED ANIMALS		10	11	9	12
	NO. OF ANIMALS WITH TUMORS		9	11	6	9
	NO. OF ANIMALS WITH SINGLE TUMORS		4	5	5	5
	NO. OF ANIMALS WITH MULTIPLE TUMORS		5	6	1	4
	NO. OF BENIGN TUMORS		4	6	1	8
	NO. OF MALIGNANT TUMORS		11	11	6	9
	NO. OF TOTAL TUMORS		15	17	7	17
105 - 105	NO. OF EXAMINED ANIMALS		33	34	36	35
	NO. OF ANIMALS WITH TUMORS		29	22	25	25
	NO. OF ANIMALS WITH SINGLE TUMORS		17	9	13	15
	NO. OF ANIMALS WITH MULTIPLE TUMORS		12	13	12	10
	NO. OF BENIGN TUMORS		18	21	19	20
	NO. OF MALIGNANT TUMORS		29	17	21	18
	NO. OF TOTAL TUMORS		47	38	40	38

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[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	512 ppm	1280 ppm	3200 ppm
0 - 105	NO. OF EXAMINED ANIMALS		50	50	50	50
	NO. OF ANIMALS WITH TUMORS		39	36	34	35
	NO. OF ANIMALS WITH SINGLE TUMORS		21	15	20	21
	NO. OF ANIMALS WITH MULTIPLE TUMORS		18	21	14	14
	NO. OF BENIGN TUMORS		22	30	22	29
	NO. OF MALIGNANT TUMORS		42	31	29	27
	NO. OF TOTAL TUMORS		64	61	51	56

(HPT070)

BAIS4

TABLE M 2

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

STUDY NO. : 0580
 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	512 ppm	1280 ppm	3200 ppm
0 - 52	NO. OF EXAMINED ANIMALS		0	0	0	2
	NO. OF ANIMALS WITH TUMORS		0	0	0	0
	NO. OF ANIMALS WITH SINGLE TUMORS		0	0	0	0
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0
	NO. OF BENIGN TUMORS		0	0	0	0
	NO. OF MALIGNANT TUMORS		0	0	0	0
	NO. OF TOTAL TUMORS		0	0	0	0
53 - 78	NO. OF EXAMINED ANIMALS		2	4	3	2
	NO. OF ANIMALS WITH TUMORS		2	4	2	2
	NO. OF ANIMALS WITH SINGLE TUMORS		2	3	2	2
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	1	0	0
	NO. OF BENIGN TUMORS		0	1	1	0
	NO. OF MALIGNANT TUMORS		2	4	1	2
	NO. OF TOTAL TUMORS		2	5	2	2
79 - 104	NO. OF EXAMINED ANIMALS		14	18	19	16
	NO. OF ANIMALS WITH TUMORS		14	17	17	16
	NO. OF ANIMALS WITH SINGLE TUMORS		13	14	11	11
	NO. OF ANIMALS WITH MULTIPLE TUMORS		1	3	6	5
	NO. OF BENIGN TUMORS		2	4	7	4
	NO. OF MALIGNANT TUMORS		13	18	19	17
	NO. OF TOTAL TUMORS		15	22	26	21
105 - 105	NO. OF EXAMINED ANIMALS		34	28	28	30
	NO. OF ANIMALS WITH TUMORS		23	20	16	23
	NO. OF ANIMALS WITH SINGLE TUMORS		13	15	11	17
	NO. OF ANIMALS WITH MULTIPLE TUMORS		10	5	5	6
	NO. OF BENIGN TUMORS		17	15	16	18
	NO. OF MALIGNANT TUMORS		18	13	6	12
	NO. OF TOTAL TUMORS		35	28	22	30

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Crj[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	512 ppm	1280 ppm	3200 ppm
0 - 105	NO. OF EXAMINED ANIMALS		50	50	50	50
	NO. OF ANIMALS WITH TUMORS		39	41	35	41
	NO. OF ANIMALS WITH SINGLE TUMORS		28	32	24	30
	NO. OF ANIMALS WITH MULTIPLE TUMORS		11	9	11	11
	NO. OF BENIGN TUMORS		19	20	24	22
	NO. OF MALIGNANT TUMORS		33	35	26	31
	NO. OF TOTAL TUMORS		52	55	50	53

(HPT070)

BAIS4

TABLE N 1

HISTOPATHOLOGICAL FINDINGS:
NEOPLASTIC LESIONS: MALE

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj: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	512 ppm 50	1280 ppm 50	3200 ppm 50
{Integumentary system/appandage}						
subcutis			<50>	<50>	<50>	<50>
	lipoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
	fibrosarcoma		1 (2%)	1 (2%)	1 (2%)	0 (0%)
	histiocytic sarcoma		0 (0%)	1 (2%)	2 (4%)	1 (2%)
{Respiratory system}						
lung			<50>	<50>	<50>	<50>
	bronchiolar-alveolar adenoma		3 (6%)	6 (12%)	2 (4%)	2 (4%)
	squamous cell carcinoma		0 (0%)	0 (0%)	1 (2%)	0 (0%)
	bronchiolar-alveolar carcinoma		6 (12%)	4 (8%)	8 (16%)	7 (14%)
{Hematopoietic system}						
lymph node			<50>	<50>	<50>	<50>
	histiocytic sarcoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
	malignant lymphoma		3 (6%)	6 (12%)	8 (16%)	2 (4%)
	mastcytoma:malignant		1 (2%)	0 (0%)	0 (0%)	0 (0%)
spleen			<50>	<50>	<50>	<50>
	hemangioma		0 (0%)	1 (2%)	2 (4%)	0 (0%)
	mastcytoma:malignant		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

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj: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	512 ppm 50	1280 ppm 50	3200 ppm 50
(Hematopoietic system)						
spleen	hemangiosarcoma		<50> 4 (8%)	<50> 2 (4%)	<50> 0 (0%)	<50> 1 (2%)
(Circulatory system)						
heart	hemangioma		<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)
(Digestive system)						
stomach	squamous cell papilloma		<50> 0 (0%)	<50> 4 (8%)	<50> 3 (6%)	<50> 6 (12%)
	carcinoid tumor:malignant		0 (0%)	0 (0%)	0 (0%)	1 (2%)
liver	hemangioma		<50> 1 (2%)	<50> 1 (2%)	<50> 1 (2%)	<50> 0 (0%)
	hepatocellular adenoma		14 (28%)	13 (26%)	13 (26%)	19 (38%)
	histiocytic sarcoma		0 (0%)	3 (6%)	0 (0%)	2 (4%)
	hemangiosarcoma		5 (10%)	3 (6%)	0 (0%)	1 (2%)
	hepatocellular carcinoma		20 (40%)	7 (14%)	7 (14%)	8 (16%)
	hepatoblastoma		1 (2%)	1 (2%)	1 (2%)	1 (2%)
pancreas	hemangioma		<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)	<50> 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. : 0580
 ANIMAL : MOUSE B6D2F1/CrJ[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	512 ppm 50	1280 ppm 50	3200 ppm 50
{Urinary system}						
urin bladd	histiocytic sarcoma		<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)	<50> 1 (2%)
{Endocrine system}						
adrenal	cortical adenoma		<50> 0 (0%)	<50> 1 (2%)	<49> 0 (0%)	<50> 0 (0%)
{Reproductive system}						
epididymis	histiocytic sarcoma		<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)	<50> 1 (2%)
{Nervous system}						
periph nerv	schwannoma:malignant		<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)
	histiocytic sarcoma		<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)
{Special sense organs/appendage}						
Harder gl	adenoma		<50> 2 (4%)	<50> 2 (4%)	<50> 0 (0%)	<50> 2 (4%)
{Body cavities}						
peritoneum	lipoma		<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)
mesenterium	hemangioma		<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)

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

TABLE N 2

HISTOPATHOLOGICAL FINDINGS:
NEOPLASTIC LESIONS: FEMALE

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 4

Organ	Findings	Group Name No. of animals on Study	Control 50	512 ppm 50	1280 ppm 50	3200 ppm 50
{Integumentary system/appandage}						
skin/app	squamous cell papilloma		<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)
	keratoacanthoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
subcutis	fibroma		<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)
	fibrosarcoma		0 (0%)	0 (0%)	1 (2%)	1 (2%)
{Respiratory system}						
lung	bronchiolar-alveolar adenoma		<50> 2 (4%)	<50> 1 (2%)	<50> 0 (0%)	<50> 1 (2%)
	bronchiolar-alveolar carcinoma		2 (4%)	1 (2%)	2 (4%)	4 (8%)
{Hematopoietic system}						
lymph node	malignant lymphoma		<50> 12 (24%)	<50> 16 (32%)	<50> 7 (14%)	<50> 7 (14%)
spleen	hemangioma		<50> 0 (0%)	<50> 0 (0%)	<50> 2 (4%)	<50> 0 (0%)
	histiocytic sarcoma		1 (2%)	0 (0%)	0 (0%)	2 (4%)
	hemangiosarcoma		1 (2%)	1 (2%)	1 (2%)	0 (0%)
{Digestive system}						
tooth	odontoma		<50> 2 (4%)	<50> 0 (0%)	<50> 0 (0%)	<50> 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. : 0580
 ANIMAL : MOUSE B6D2F1/Crlj[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	512 ppm 50	1280 ppm 50	3200 ppm 50
(Digestive system)						
salivary gl	histiocytic sarcoma		<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)
stomach	squamous cell papilloma		<50> 0 (0%)	<50> 1 (2%)	<50> 1 (2%)	<50> 3 (6%)
large intes	leiomyosarcoma		<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)
liver	hemangioma		<50> 2 (4%)	<50> 1 (2%)	<50> 2 (4%)	<50> 4 (8%)
	hepatocellular adenoma		5 (10%)	6 (12%)	4 (8%)	3 (6%)
	histiocytic sarcoma		0 (0%)	1 (2%)	0 (0%)	2 (4%)
	hemangiosarcoma		4 (8%)	3 (6%)	0 (0%)	0 (0%)
	hepatocellular carcinoma		0 (0%)	3 (6%)	1 (2%)	1 (2%)
gall bladd	papillary adenoma		<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)
(Endocrine system)						
pituitary	adenoma		<50> 2 (4%)	<50> 7 (14%)	<50> 5 (10%)	<50> 6 (12%)
adrenal	pheochromocytoma		<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)
(Reproductive system)						
ovary	adenoma		<50> 1 (2%)	<50> 1 (2%)	<50> 0 (0%)	<50> 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. : 0580
ANIMAL : MOUSE B6D2F1/Crlj[Crj: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	512 ppm 50	1280 ppm 50	3200 ppm 50
(Reproductive system)						
ovary			<50>	<50>	<50>	<50>
	hemangioma		0 (0%)	1 (2%)	1 (2%)	1 (2%)
	histiocytic sarcoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
uterus			<50>	<50>	<50>	<50>
	hemangioma		0 (0%)	0 (0%)	1 (2%)	0 (0%)
	endometrial stromal polyp		1 (2%)	0 (0%)	1 (2%)	0 (0%)
	histiocytic sarcoma		12 (24%)	7 (14%)	12 (24%)	13 (26%)
	endometrial stromal sarcoma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
mammary gl			<50>	<50>	<50>	<50>
	adenocarcinoma		0 (0%)	1 (2%)	1 (2%)	0 (0%)
(Special sense organs/appendage)						
Harder gl			<50>	<50>	<50>	<50>
	adenoma		0 (0%)	1 (2%)	4 (8%)	2 (4%)
(Musculoskeletal system)						
bone			<50>	<50>	<50>	<50>
	osteosarcoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
(Body cavities)						
peritoneum			<50>	<50>	<50>	<50>
	lipoma		1 (2%)	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. : 0580
ANIMAL : MOUSE B6D2F1/Crj[Crl: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	512 ppm 50	1280 ppm 50	3200 ppm 50
<hr/>						
(Body cavities)						
peritoneum			<50>	<50>	<50>	<50>
	hemangioma		1 (2%)	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

(HPT085)

BAIS4

TABLE O 1

NEOPLASTIC LESIONS-INCIDENCE AND
STATISTICAL ANALYSIS: MALE

STUDY No. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 1

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : lung TUMOR : bronchiolar-alveolar adenoma				
Tumor rate				
Overall rates(a)	3/50(6.0)	6/50(12.0)	2/50(4.0)	2/50(4.0)
Adjusted rates(b)	9.09	13.04	5.56	5.00
Terminal rates(c)	3/33(9.1)	4/34(11.8)	2/36(5.6)	1/35(2.9)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.8596			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.3226			
Fisher Exact test(e)		P = 0.2435	P = 0.5000	P = 0.5000
SITE : lung TUMOR : bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	6/50(12.0)	4/50(8.0)	8/50(16.0)	7/50(14.0)
Adjusted rates(b)	17.65	11.76	16.67	20.00
Terminal rates(c)	5/33(15.2)	4/34(11.8)	6/36(16.7)	7/35(20.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4556			
Prevalence method(d)	P = 0.2959			
Combined analysis(d)	P = 0.3046			
Cochran-Armitage test(e)	P = 0.5395			
Fisher Exact test(e)		P = 0.3703	P = 0.3871	P = 0.5000
SITE : lung TUMOR : bronchiolar-alveolar adenoma, bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	9/50(18.0)	9/50(18.0)	10/50(20.0)	9/50(18.0)
Adjusted rates(b)	26.47	20.59	22.22	22.86
Terminal rates(c)	8/33(24.2)	7/34(20.6)	8/36(22.2)	8/35(22.9)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4556			
Prevalence method(d)	P = 0.5620			
Combined analysis(d)	P = 0.5600			
Cochran-Armitage test(e)	P = 0.9962			
Fisher Exact test(e)		P = 0.6024	P = 0.5000	P = 0.6024

STUDY No. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 2

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : lung TUMOR : bronchiolar-alveolar adenoma, bronchiolar-alveolar carcinoma, squamous cell carcinoma				
Tumor rate				
Overall rates(a)	9/50(18.0)	9/50(18.0)	11/50(22.0)	9/50(18.0)
Adjusted rates(b)	26.47	20.59	25.00	22.86
Terminal rates(c)	8/33(24.2)	7/34(20.6)	9/36(25.0)	8/35(22.9)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4556			
Prevalence method(d)	P = 0.5610			
Combined analysis(d)	P = 0.5591			
Cochran-Armitage test(e)	P = 0.9924			
Fisher Exact test(e)		P = 0.6024	P = 0.4016	P = 0.6024
SITE : lymph node TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	3/50(6.0)	6/50(12.0)	8/50(16.0)	2/50(4.0)
Adjusted rates(b)	9.09	5.88	22.22	2.86
Terminal rates(c)	3/33(9.1)	2/34(5.9)	8/36(22.2)	1/35(2.9)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.6351			
Prevalence method(d)	P = 0.7743			
Combined analysis(d)	P = 0.8057			
Cochran-Armitage test(e)	P = 0.4275			
Fisher Exact test(e)		P = 0.2435	P = 0.0999	P = 0.5000
SITE : spleen TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	2/50(4.0)	0/50(0.0)	1/50(2.0)
Adjusted rates(b)	8.89	0.0	0.0	0.0
Terminal rates(c)	1/33(3.0)	0/34(0.0)	0/36(0.0)	0/35(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4010			
Prevalence method(d)	P = 0.9962			
Combined analysis(d)	P = 0.9335			
Cochran-Armitage test(e)	P = 0.1532			
Fisher Exact test(e)		P = 0.3389	P = 0.0587	P = 0.1811

STUDY No. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : MALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 3

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : spleen TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	3/50(6.0)	2/50(4.0)	1/50(2.0)
Adjusted rates(b)	8.89	2.86	4.26	0.0
Terminal rates(c)	1/33(3.0)	0/34(0.0)	1/36(2.8)	0/35(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4010			
Prevalence method(d)	P = 0.9755			
Combined analysis(d)	P = 0.9246			
Cochran-Armitage test(e)	P = 0.1665			
Fisher Exact test(e)		P = 0.5000	P = 0.3389	P = 0.1811
SITE : stomach TUMOR : squamous cell papilloma				
Tumor rate				
Overall rates(a)	0/50(0.0)	4/50(8.0)	3/50(6.0)	6/50(12.0)
Adjusted rates(b)	0.0	8.51	8.33	13.95
Terminal rates(c)	0/33(0.0)	2/34(5.9)	3/36(8.3)	3/35(8.6)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.0273*			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.0365*			
Fisher Exact test(e)		P = 0.0587	P = 0.1212	P = 0.0133*
SITE : liver TUMOR : hepatocellular adenoma				
Tumor rate				
Overall rates(a)	14/50(28.0)	13/50(26.0)	13/50(26.0)	19/50(38.0)
Adjusted rates(b)	33.33	31.43	33.33	42.86
Terminal rates(c)	11/33(33.3)	10/34(29.4)	12/36(33.3)	15/35(42.9)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.2429			
Prevalence method(d)	P = 0.1761			
Combined analysis(d)	P = 0.1335			
Cochran-Armitage test(e)	P = 0.1820			
Fisher Exact test(e)		P = 0.5000	P = 0.5000	P = 0.1976

STUDY No. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : MALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 4

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : liver TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	0/50(0.0)	3/50(6.0)	0/50(0.0)	2/50(4.0)
Adjusted rates(b)	0.0	0.0	0.0	0.0
Terminal rates(c)	0/33(0.0)	0/34(0.0)	0/36(0.0)	0/35(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.2791			
Prevalence method(d)	P = -----			
Combined analysis(d)	P = 0.2791			
Cochran-Armitage test(e)	P = 0.5274			
Fisher Exact test(e)		P = 0.1212	P = N. C.	P = 0.2475
SITE : liver TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	5/50(10.0)	3/50(6.0)	0/50(0.0)	1/50(2.0)
Adjusted rates(b)	15.15	4.35	0.0	2.86
Terminal rates(c)	5/33(15.2)	1/34(2.9)	0/36(0.0)	1/35(2.9)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5616			
Prevalence method(d)	P = 0.9708			
Combined analysis(d)	P = 0.9781			
Cochran-Armitage test(e)	P = 0.0683			
Fisher Exact test(e)		P = 0.3575	P = 0.0281*	P = 0.1022
SITE : liver TUMOR : hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	20/50(40.0)	7/50(14.0)	7/50(14.0)	8/50(16.0)
Adjusted rates(b)	42.42	18.92	11.11	15.38
Terminal rates(c)	14/33(42.4)	6/34(17.6)	4/36(11.1)	5/35(14.3)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.8323			
Prevalence method(d)	P = 0.9744			
Combined analysis(d)	P = 0.9859			
Cochran-Armitage test(e)	P = 0.0415*			
Fisher Exact test(e)		P = 0.0031**	P = 0.0031**	P = 0.0067**

STUDY No. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : MALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 5

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : liver				
TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	6/50(12.0)	4/50(8.0)	1/50(2.0)	1/50(2.0)
Adjusted rates(b)	16.67	6.52	2.70	2.86
Terminal rates(c)	5/33(15.2)	2/34(5.9)	0/36(0.0)	1/35(2.9)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5616			
Prevalence method(d)	P = 0.9855			
Combined analysis(d)	P = 0.9890			
Cochran-Armitage test(e)	P = 0.0385*			
Fisher Exact test(e)		P = 0.3703	P = 0.0559	P = 0.0559
SITE : liver				
TUMOR : hepatocellular adenoma, hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	28/50(56.0)	17/50(34.0)	18/50(36.0)	23/50(46.0)
Adjusted rates(b)	58.82	41.67	38.89	48.57
Terminal rates(c)	19/33(57.6)	13/34(38.2)	14/36(38.9)	17/35(48.6)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.6439			
Prevalence method(d)	P = 0.6382			
Combined analysis(d)	P = 0.6942			
Cochran-Armitage test(e)	P = 0.8157			
Fisher Exact test(e)		P = 0.0219*	P = 0.0352*	P = 0.2119
(HPT360A)				
BAIS4				

STUDY No. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 6

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : liver				
TUMOR : hepatocellular adenoma, hepatocellular carcinoma, hepatoblastoma				
Tumor rate				
Overall rates(a)	29/50(58.0)	18/50(36.0)	18/50(36.0)	24/50(48.0)
Adjusted rates(b)	58.82	44.44	38.89	48.57
Terminal rates(c)	19/33(57.6)	14/34(41.2)	14/36(38.9)	17/35(48.6)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5872			
Prevalence method(d)	P = 0.6446			
Combined analysis(d)	P = 0.6717			
Cochran-Armitage test(e)	P = 0.8135			
Fisher Exact test(e)		P = 0.0223*	P = 0.0223*	P = 0.2115

(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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 1

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : ALL SITE TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	1/50(2.0)	5/50(10.0)	3/50(6.0)	6/50(12.0)
Adjusted rates(b)	0.0	2.94	5.56	8.57
Terminal rates(c)	0/33(0.0)	1/34(2.9)	2/36(5.6)	3/35(8.6)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.3363			
Prevalence method(d)	P = 0.0504			
Combined analysis(d)	P = 0.0873			
Cochran-Armitage test(e)	P = 0.1286			
Fisher Exact test(e)		P = 0.1022	P = 0.3087	P = 0.0559
SITE : ALL SITE TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	3/50(6.0)	6/50(12.0)	8/50(16.0)	2/50(4.0)
Adjusted rates(b)	9.09	5.88	22.22	2.86
Terminal rates(c)	3/33(9.1)	2/34(5.9)	8/36(22.2)	1/35(2.9)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.6351			
Prevalence method(d)	P = 0.7743			
Combined analysis(d)	P = 0.8057			
Cochran-Armitage test(e)	P = 0.4275			
Fisher Exact test(e)		P = 0.2435	P = 0.0999	P = 0.5000

(HPT360A)

BAIS4

STUDY No. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 2

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : ALL SITE				
TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	9/50(18.0)	4/50(8.0)	0/50(0.0)	2/50(4.0)
Adjusted rates(b)	20.00	2.94	0.0	2.86
Terminal rates(c)	6/33(18.2)	1/34(2.9)	0/36(0.0)	1/35(2.9)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5266			
Prevalence method(d)	P = 0.9984			
Combined analysis(d)	P = 0.9930			
Cochran-Armitage test(e)	P = 0.0233*			
Fisher Exact test(e)		P = 0.1168	P = 0.0013**	P = 0.0256*

(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 O 2

**NEOPLASTIC LESIONS-INCIDENCE AND
STATISTICAL ANALYSIS: FEMALE**

STUDY No. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 7

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : lung TUMOR : bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	2/50(4.0)	1/50(2.0)	2/50(4.0)	4/50(8.0)
Adjusted rates(b)	2.94	3.57	6.25	13.33
Terminal rates(c)	1/34(2.9)	1/28(3.6)	1/28(3.6)	4/30(13.3)
Statistical analysis				
Peto test				
Standard method(d)	P = 1.0000 ?			
Prevalence method(d)	P = 0.0359*			
Combined analysis(d)	P = 0.0842			
Cochran-Armitage test(e)	P = 0.1929			
Fisher Exact test(e)		P = 0.5000	P = 0.6913	P = 0.3389
SITE : lung TUMOR : bronchiolar-alveolar adenoma, bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	2/50(4.0)	2/50(4.0)	5/50(10.0)
Adjusted rates(b)	8.82	4.00	6.25	16.67
Terminal rates(c)	3/34(8.8)	1/28(3.6)	1/28(3.6)	5/30(16.7)
Statistical analysis				
Peto test				
Standard method(d)	P = 1.0000 ?			
Prevalence method(d)	P = 0.1080			
Combined analysis(d)	P = 0.1809			
Cochran-Armitage test(e)	P = 0.4279			
Fisher Exact test(e)		P = 0.3389	P = 0.3389	P = 0.5000
SITE : lymph node TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	12/50(24.0)	16/50(32.0)	7/50(14.0)	7/50(14.0)
Adjusted rates(b)	14.71	14.29	0.0	13.33
Terminal rates(c)	5/34(14.7)	4/28(14.3)	0/28(0.0)	4/30(13.3)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.9462			
Prevalence method(d)	P = 0.5803			
Combined analysis(d)	P = 0.9286			
Cochran-Armitage test(e)	P = 0.0662			
Fisher Exact test(e)		P = 0.2522	P = 0.1540	P = 0.1540

STUDY No. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 8

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : spleen TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	1/50(2.0)	1/50(2.0)	3/50(6.0)	0/50(0.0)
Adjusted rates(b)	2.94	3.23	7.32	0.0
Terminal rates(c)	1/34(2.9)	0/28(0.0)	2/28(7.1)	0/30(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.6950			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.4818			
Fisher Exact test(e)		P = 0.7525	P = 0.3087	P = 0.5000
SITE : stomach TUMOR : squamous cell papilloma				
Tumor rate				
Overall rates(a)	0/50(0.0)	1/50(2.0)	1/50(2.0)	3/50(6.0)
Adjusted rates(b)	0.0	2.70	2.63	9.09
Terminal rates(c)	0/34(0.0)	0/28(0.0)	0/28(0.0)	2/30(6.7)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.0279*			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.0549			
Fisher Exact test(e)		P = 0.5000	P = 0.5000	P = 0.1212
SITE : liver TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	2/50(4.0)	1/50(2.0)	2/50(4.0)	4/50(8.0)
Adjusted rates(b)	5.88	3.57	5.13	13.33
Terminal rates(c)	2/34(5.9)	1/28(3.6)	1/28(3.6)	4/30(13.3)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.0872			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.1929			
Fisher Exact test(e)		P = 0.5000	P = 0.6913	P = 0.3389

STUDY No. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : FEMALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 9

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : liver TUMOR : hepatocellular adenoma				
Tumor rate				
Overall rates(a)	5/50(10.0)	6/50(12.0)	4/50(8.0)	3/50(6.0)
Adjusted rates(b)	14.71	21.43	11.11	10.00
Terminal rates(c)	5/34(14.7)	6/28(21.4)	3/28(10.7)	3/30(10.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.7948			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.3423			
Fisher Exact test(e)		P = 0.5000	P = 0.5000	P = 0.3575
SITE : liver TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	3/50(6.0)	0/50(0.0)	0/50(0.0)
Adjusted rates(b)	11.76	6.45	0.0	0.0
Terminal rates(c)	4/34(11.8)	1/28(3.6)	0/28(0.0)	0/30(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5483			
Prevalence method(d)	P = 0.9945			
Combined analysis(d)	P = 0.9950			
Cochran-Armitage test(e)	P = 0.0227*			
Fisher Exact test(e)		P = 0.5000	P = 0.0587	P = 0.0587
SITE : liver TUMOR : hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	0/50(0.0)	3/50(6.0)	1/50(2.0)	1/50(2.0)
Adjusted rates(b)	0.0	9.68	3.13	2.94
Terminal rates(c)	0/34(0.0)	2/28(7.1)	0/28(0.0)	0/30(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.4950			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.9335			
Fisher Exact test(e)		P = 0.1212	P = 0.5000	P = 0.5000

STUDY No. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 10

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : liver TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	6/50(12.0)	4/50(8.0)	2/50(4.0)	4/50(8.0)
Adjusted rates(b)	17.65	9.68	5.13	13.33
Terminal rates(c)	6/34(17.6)	2/28(7.1)	1/28(3.6)	4/30(13.3)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5483			
Prevalence method(d)	P = 0.5917			
Combined analysis(d)	P = 0.6467			
Cochran-Armitage test(e)	P = 0.5831			
Fisher Exact test(e)		P = 0.3703	P = 0.1343	P = 0.3703
SITE : liver TUMOR : hepatocellular adenoma, hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	5/50(10.0)	8/50(16.0)	5/50(10.0)	4/50(8.0)
Adjusted rates(b)	14.71	25.81	13.89	11.76
Terminal rates(c)	5/34(14.7)	7/28(25.0)	3/28(10.7)	3/30(10.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.7368			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.4393			
Fisher Exact test(e)		P = 0.2768	P = 0.6297	P = 0.5000
SITE : pituitary gland TUMOR : adenoma				
Tumor rate				
Overall rates(a)	2/50(4.0)	7/50(14.0)	5/50(10.0)	6/50(12.0)
Adjusted rates(b)	0.0	17.86	12.50	20.00
Terminal rates(c)	0/34(0.0)	5/28(17.9)	3/28(10.7)	6/30(20.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.9012			
Prevalence method(d)	P = 0.0427*			
Combined analysis(d)	P = 0.1642			
Cochran-Armitage test(e)	P = 0.4128			
Fisher Exact test(e)		P = 0.0798	P = 0.2180	P = 0.1343

STUDY No. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 11

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : uterus TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	12/50(24.0)	7/50(14.0)	12/50(24.0)	13/50(26.0)
Adjusted rates(b)	17.65	7.14	7.14	10.00
Terminal rates(c)	6/34(17.6)	2/28(7.1)	2/28(7.1)	3/30(10.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.0484*			
Prevalence method(d)	P = 0.7898			
Combined analysis(d)	P = 0.1667			
Cochran-Armitage test(e)	P = 0.4290			
Fisher Exact test(e)		P = 0.1540	P = 0.5924	P = 0.5000
SITE : Harderian gland TUMOR : adenoma				
Tumor rate				
Overall rates(a)	0/50(0.0)	1/50(2.0)	4/50(8.0)	2/50(4.0)
Adjusted rates(b)	0.0	3.57	9.30	5.71
Terminal rates(c)	0/34(0.0)	1/28(3.6)	2/28(7.1)	1/30(3.3)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.1228			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.2968			
Fisher Exact test(e)		P = 0.5000	P = 0.0587	P = 0.2475

(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. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 3

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : ALL SITE TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	14/50(28.0)	9/50(18.0)	12/50(24.0)	17/50(34.0)
Adjusted rates(b)	20.59	14.29	7.14	10.00
Terminal rates(c)	7/34(20.6)	4/28(14.3)	2/28(7.1)	3/30(10.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.0076**			
Prevalence method(d)	P = 0.9033			
Combined analysis(d)	P = 0.0837			
Cochran-Armitage test(e)	P = 0.2091			
Fisher Exact test(e)		P = 0.1710	P = 0.4100	P = 0.3329
SITE : ALL SITE TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	12/50(24.0)	16/50(32.0)	7/50(14.0)	7/50(14.0)
Adjusted rates(b)	14.71	14.29	0.0	13.33
Terminal rates(c)	5/34(14.7)	4/28(14.3)	0/28(0.0)	4/30(13.3)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.9462			
Prevalence method(d)	P = 0.5803			
Combined analysis(d)	P = 0.9286			
Cochran-Armitage test(e)	P = 0.0662			
Fisher Exact test(e)		P = 0.2522	P = 0.1540	P = 0.1540

(HPT360A)

BAIS4

STUDY No. : 0580
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 4

Group Name	Control	512 ppm	1280 ppm	3200 ppm
SITE : ALL SITE				
TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	5/50(10.0)	3/50(6.0)	1/50(2.0)	0/50(0.0)
Adjusted rates(b)	14.71	6.45	2.44	0.0
Terminal rates(c)	5/34(14.7)	1/28(3.6)	0/28(0.0)	0/30(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5483			
Prevalence method(d)	P = 0.9934			
Combined analysis(d)	P = 0.9945			
Cochran-Armitage test(e)	P = 0.0182*			
Fisher Exact test(e)		P = 0.3575	P = 0.1022	P = 0.0281*

(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 1

HISTOPATHOLOGICAL FINDINGS:
METASTASIS OF TUMOR: MALE

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name No. of Animals on Study	Control 50	512 ppm 50	1280 ppm 50	3200 ppm 50
{Respiratory system}						
nasal cavit	leukemic cell infiltration		<50> 0	<50> 1	<50> 0	<50> 0
	metastasis:subcutis tumor		0	1	0	0
	metastasis:spleen tumor		0	1	0	0
	metastasis:epididymis tumor		0	0	1	0
lung	leukemic cell infiltration		<50> 2	<50> 4	<50> 2	<50> 0
	metastasis:liver tumor		9	2	2	5
	metastasis:subcutis tumor		0	0	0	1
	metastasis:urinary bladder tumor		0	0	0	1
{Hematopoietic system}						
bone marrow	leukemic cell infiltration		<50> 1	<50> 4	<50> 5	<50> 0
	metastasis:liver tumor		2	2	0	1
	metastasis:spleen tumor		0	2	0	0
	metastasis:epididymis tumor		0	0	1	0
	metastasis:lymph node tumor		1	0	0	0
lymph node	metastasis:subcutis tumor		<50> 1	<50> 0	<50> 0	<50> 0
	metastasis:spleen tumor		0	1	0	0
< a >	a : Number of animals examined at the site					
b	b : Number of animals with lesion					

STUDY NO. : 0580
 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	512 ppm 50	1280 ppm 50	3200 ppm 50
(Hematopoietic system)						
thymus			<50>	<50>	<50>	<50>
	metastasis:liver tumor		0	0	0	1
spleen			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	5	6	1
	metastasis:liver tumor		0	1	0	1
	metastasis:lymph node tumor		1	0	0	0
(Circulatory system)						
heart			<50>	<50>	<50>	<50>
	metastasis:spleen tumor		1	0	0	0
(Digestive system)						
tongue			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	1	0	0
salivary gl			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	1	1	0
	metastasis:liver tumor		0	1	0	0
	metastasis:lymph node tumor		1	0	0	0
small intes			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	1	1	1
liver			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	2	2	0
	metastasis:subcutis tumor		0	1	1	0
< a >	a : Number of animals examined at the site					
b	b : Number of animals with lesion					

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 3

Organ	Findings	Group Name No. of Animals on Study	Control 50	512 ppm 50	1280 ppm 50	3200 ppm 50
{Digestive system}						
liver			<50>	<50>	<50>	<50>
	metastasis:peripheral nerve tumor		0	0	0	1
	metastasis:spleen tumor		0	1	0	0
	metastasis:urinary bladder tumor		0	0	0	1
	metastasis:epididymis tumor		0	0	1	0
	metastasis:lymph node tumor		2	0	0	0
gall bladd			<50>	<50>	<50>	<50>
	metastasis:urinary bladder tumor		0	0	0	1
pancreas			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	1	4	0
	metastasis:urinary bladder tumor		0	0	0	1
{Urinary system}						
kidney			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	1	1	0
	metastasis:liver tumor		0	1	0	1
	metastasis:subcutis tumor		0	1	0	0
	metastasis:urinary bladder tumor		0	1	0	1
	metastasis:lymph node tumor		1	0	0	0
urin bladd			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	1	0
< a > a : Number of animals examined at the site b b : Number of animals with lesion						

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/CrJ[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	512 ppm 50	1280 ppm 50	3200 ppm 50
(Urinary system)						
urin bladd	metastasis:liver tumor		<50> 0	<50> 1	<50> 0	<50> 0
(Endocrine system)						
thyroid	leukemic cell infiltration		<50> 0	<50> 1	<50> 0	<50> 0
adrenal	metastasis:liver tumor		<50> 0	<50> 0	<50> 0	<50> 1
(Reproductive system)						
testis	metastasis:epididymis tumor		<50> 0	<50> 0	<50> 1	<50> 0
prostate	leukemic cell infiltration		<50> 1	<50> 1	<50> 0	<50> 0
prep/cli gl	metastasis:liver tumor		<50> 0	<50> 1	<50> 0	<50> 0
(Nervous system)						
brain	metastasis:peripheral nerve tumor		<50> 0	<50> 0	<50> 0	<50> 1
(Special sense organs/appendage)						
eye	metastasis:epididymis tumor		<50> 0	<50> 0	<50> 1	<50> 0
< a >	a : Number of animals examined at the site					
b	b : Number of animals with lesion					

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 5

		Group Name	Control	512 ppm	1280 ppm	3200 ppm
Organ	Findings	No. of Animals on Study	50	50	50	50
(Musculoskeletal system)						
muscle	leukemic cell infiltration		<50> 0	<50> 1	<50> 0	<50> 0
	metastasis:subcutis tumor		1	0	0	0
(Body cavities)						
retroperit	metastasis:liver tumor		<50> 0	<50> 0	<50> 0	<50> 1

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

(JPT150)

BAIS4

TABLE P 2

HISTOPATHOLOGICAL FINDINGS:
METASTASIS OF TUMOR: FEMALE

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 6

Organ	Findings	Group Name No. of Animals on Study	Control 50	512 ppm 50	1280 ppm 50	3200 ppm 50
{Integumentary system/appandage}						
skin/app	leukemic cell infiltration		<50> 1	<50> 0	<50> 0	<50> 0
subcutis	metastasis:uterus tumor		<50> 0	<50> 0	<50> 1	<50> 0
{Respiratory system}						
nasal cavit	leukemic cell infiltration		<50> 1	<50> 3	<50> 0	<50> 1
	metastasis:uterus tumor		0	0	0	1
trachea	leukemic cell infiltration		<50> 0	<50> 0	<50> 1	<50> 0
lung	leukemic cell infiltration		<50> 11	<50> 12	<50> 5	<50> 4
	metastasis:liver tumor		0	2	0	3
	metastasis:uterus tumor		5	4	7	8
	metastasis:bone tumor		0	1	0	0
	metastasis:spleen tumor		1	0	0	1
{Hematopoietic system}						
bone marrow	leukemic cell infiltration		<50> 6	<50> 5	<50> 3	<50> 2
	metastasis:uterus tumor		3	1	5	2
< a >	a : Number of animals examined at the site					
b	b : Number of animals with lesion					

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 7

		Group Name	Control	512 ppm	1280 ppm	3200 ppm
		No. of Animals on Study	50	50	50	50
Organ	Findings					
(Hematopoietic system)						
bone marrow			<50>	<50>	<50>	<50>
	metastasis:spleen tumor		0	0	0	1
lymph node			<50>	<50>	<50>	<50>
	metastasis:liver tumor		0	1	0	0
	metastasis:uterus tumor		2	1	2	3
	metastasis:spleen tumor		1	0	0	1
thymus			<50>	<50>	<50>	<50>
	metastasis:uterus tumor		0	0	0	1
spleen			<50>	<50>	<50>	<50>
	leukemic cell infiltration		11	11	5	6
	metastasis:liver tumor		0	1	0	2
	metastasis:uterus tumor		3	5	3	9
(Circulatory system)						
heart			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	2	0	0
(Digestive system)						
tongue			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	0	0
salivary gl			<50>	<50>	<50>	<50>
	leukemic cell infiltration		3	7	1	2
stomach			<50>	<50>	<50>	<50>
	leukemic cell infiltration		2	2	1	0
< a >	a : Number of animals examined at the site					
b	b : Number of animals with lesion					

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[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	512 ppm 50	1280 ppm 50	3200 ppm 50
(Digestive system)						
small intes			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	0	1
large intes			<50>	<50>	<50>	<50>
	metastasis:uterus tumor		1	0	0	0
liver			<50>	<50>	<50>	<50>
	leukemic cell infiltration		7	9	5	4
	metastasis:uterus tumor		7	4	9	9
	metastasis:ovary tumor		1	0	0	0
	metastasis:spleen tumor		1	0	0	2
pancreas			<50>	<50>	<50>	<50>
	leukemic cell infiltration		5	2	2	1
	metastasis:uterus tumor		2	3	2	2
(Urinary system)						
kidney			<50>	<50>	<50>	<50>
	leukemic cell infiltration		9	9	3	3
	metastasis:liver tumor		0	0	0	1
	metastasis:uterus tumor		3	4	5	3
	metastasis:spleen tumor		0	0	0	1
urin bladd			<50>	<50>	<50>	<50>
	leukemic cell infiltration		4	6	1	0
	metastasis:uterus tumor		1	0	1	0

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

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 9

Organ	Findings	Group Name No. of Animals on Study	Control 50	512 ppm 50	1280 ppm 50	3200 ppm 50
{Endocrine system}						
thyroid			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	1	0	0
	metastasis:spleen tumor		0	0	0	1
parathyroid			<50>	<50>	<50>	<50>
	metastasis:spleen tumor		0	0	0	1
adrenal			<50>	<50>	<50>	<50>
	leukemic cell infiltration		2	5	2	0
{Reproductive system}						
ovary			<50>	<50>	<50>	<50>
	leukemic cell infiltration		5	9	3	2
	metastasis:liver tumor		0	0	0	1
	metastasis:uterus tumor		3	4	7	5
	metastasis:spleen tumor		0	0	0	2
	metastasis:salivary gland tumor		0	1	0	0
uterus			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	2	1	1
vagina			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	0	0
mammary gl			<50>	<50>	<50>	<50>
	leukemic cell infiltration		2	2	0	0
{Nervous system}						
brain			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	1	1

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

STUDY NO. : 0580
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 10

Group Name		Control	512 ppm	1280 ppm	3200 ppm
No. of Animals on Study		50	50	50	50
Organ	Findings				
(Nervous system)					
spinal cord		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	0	1	0
(Special sense organs/appendage)					
Harder gl		<50>	<50>	<50>	<50>
	leukemic cell infiltration	1	1	1	0
	metastasis:uterus tumor	0	0	1	1
(Musculoskeletal system)					
muscle		<50>	<50>	<50>	<50>
	leukemic cell infiltration	1	0	0	0
(Body cavities)					
pleura		<50>	<50>	<50>	<50>
	metastasis:spleen tumor	0	0	0	1
peritoneum		<50>	<50>	<50>	<50>
	leukemic cell infiltration	2	0	1	0
	metastasis:uterus tumor	0	0	0	1
< a > a : Number of animals examined at the site b : Number of animals with lesion					

TABLE Q 1

HISTORICAL CONTROL DATA OF SELECTED NEOPLASTIC
LESIONS IN JAPAN BIOASSAY RESEARCH CENTER:
B6D2F1/Crlj MALE MICE

TABLE Q1 HISTORICAL CONTROL DATA OF SELECTED NEOPLASTIC LESIONS IN
JAPAN BIOASSAY RESEARCH CENTER : B6D2F1/Crlj MALE MICE

Organs Tumors	No. of animals examined	No. of animals bearing tumor	Incidence (%)	Min. - Max. (%)
Stomach Squamous cell papilloma	1946	5	0.3	0 - 2

39 carcinogenicity studies examined in Japan Bioassay Research Center were used.

Study No. : 0044, 0060, 0062, 0064, 0066, 0068, 0096, 0105, 0116, 0140, 0159, 0163, 0190, 0206,
0211, 0225, 0243, 0268, 0270, 0279, 0285, 0297, 0319, 0329, 0343, 0348, 0366, 0372,
0402, 0406, 0418, 0422, 0438, 0449, 0458, 0462, 0498, 0515, 0561

TABLE Q 2

HISTORICAL CONTROL DATA OF SELECTED NEOPLASTIC
LESIONS IN JAPAN BIOASSAY RESEARCH CENTER:
B6D2F1/Crlj FEMALE MICE

TABLE Q2 HISTORICAL CONTROL DATA OF SELECTED NEOPLASTIC LESIONS IN
JAPAN BIOASSAY RESEARCH CENTER : B6D2F1/CrIj FEMALE MICE

Organs Tumors	No. of animals examined	No. of animals bearing tumor	Incidence (%)	Min. - Max. (%)
Stomach	1947			
Squamous cell papilloma		8	0.4	0 - 6
Lung	1947			
Bronchiolar-alveolar carcinoma		55	2.8	0 - 8
Pituitary gland	1938			
Adenoma		277	14.3	2 - 34
Uterus	1947			
Histiocytic sarcoma		401	20.6	10 - 32
All organ	1947			
Histiocytic sarcoma		456	23.4	12 - 36

39 carcinogenicity studies examined in Japan Bioassay Research Center were used.

Study No. : 0044, 0060, 0062, 0064, 0066, 0068, 0096, 0105, 0116, 0140, 0159, 0163, 0190, 0206,
0211, 0225, 0243, 0268, 0270, 0279, 0285, 0297, 0319, 0329, 0343, 0348, 0366, 0372,
0402, 0406, 0418, 0422, 0438, 0449, 0458, 0462, 0498, 0515, 0561

TABLE R

CAUSE OF DEATH OF MICE IN THE 2-YEAR FEED STUDY OF
2-AMINO-4-CHLOROPHENOL

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : MALE

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

PAGE : 1

Group Name	Control	512 ppm	1280 ppm	3200 ppm
Number of Dead and Moribund Animal	17	16	14	15
no microscop confirm	0	0	1	2
digestive sy les	0	1	0	0
urinary retention	4	1	4	2
arteritis	1	0	0	0
tooth lesion	0	0	1	0
hydronephrosis	2	0	0	1
peritonitis	0	0	1	0
tumor d:leukemia	0	4	0	1
tumor d:subcutis	1	1	1	0
tumor d:lung	0	0	2	0
tumor d:lymph node	1	0	0	0
tumor d:spleen	0	2	0	1
tumor d:liver	8	5	3	7
tumor d:epididymis	0	0	1	0
tumor d:periph nerv	0	1	0	1
tumor d:Harder gl	0	1	0	0

(BI0120)

BAIS4

STUDY NO. : 0580
ANIMAL : MOUSE B6D2F1/Crj[Crj:BDF1]
SEX : FEMALE

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

PAGE : 2

Group Name	Control	512 ppm	1280 ppm	3200 ppm
Number of Dead and Moribund Animal	16	22	22	20
no microscop confirm	0	0	1	0
cardiovascular les	0	0	0	1
renal lesion	0	0	1	0
thrombosis	0	0	0	1
tooth lesion	0	1	0	0
hydronephrosis	0	0	1	0
tumor d:leukemia	7	12	7	3
tumor d:lung	1	0	0	0
tumor d:spleen	1	0	0	2
tumor d:liver	0	1	0	2
tumor d:pituitary	2	1	1	0
tumor d:ovary	0	1	0	1
tumor d:uterus	5	5	11	10
tumor d:bone	0	1	0	0

(BI0120)

BAIS4