

ジフェニルアミンのマウスを用いた  
経口投与によるがん原性試験（混餌試験）報告書

試験番号：0685

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TABLE A 1

SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0685

## 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	49/50	49/50	49/50	49/50	49/50	49/50	49/50	48/50	48/50	48/50
		100.0	100.0	100.0	100.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0
250 ppm	50	50/50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	48/50	48/50	48/50	48/50	48/50	48/50
		100.0	100.0	100.0	100.0	100.0	98.0	98.0	98.0	96.0	96.0	96.0	96.0	96.0	96.0
1000 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
4000 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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BA1S4

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/CrIj[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
Control		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
250 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
			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
1000 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
			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
4000 ppm		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	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. : 0685

## SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

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	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
250 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
1000 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
4000 ppm	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	47/50	47/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0	94.0	94.0
Number of survival/ Number of effective animals Survival rate(%)															

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BAIS4



STUDY NO. : 0685  
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	48/50	48/50	48/50	48/50	48/50	48/50	48/50	47/50	47/50	47/50	47/50	47/50	46/50	46/50
		96.0	96.0	96.0	96.0	96.0	96.0	96.0	94.0	94.0	94.0	94.0	94.0	92.0	92.0
250 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
1000 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	48/50	48/50
		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	96.0
4000 ppm	50	47/50	47/50	47/50	47/50	47/50	47/50	46/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50
		94.0	94.0	94.0	94.0	94.0	94.0	92.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
Number of survival/ Number of effective animals Survival rate(%)															

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BAIS4

STUDY NO. : 0685

## SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

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	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50
		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
250 ppm	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	47/50	47/50
		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	94.0	94.0	94.0	94.0	94.0
1000 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	46/50	46/50
		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	94.0	92.0	92.0
4000 ppm	50	45/50	44/50	44/50	44/50	44/50	44/50	44/50	44/50	44/50	43/50	42/50	42/50	42/50	40/50
		90.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	86.0	84.0	84.0	84.0	80.0
Number of survival/ Number of effective animals Survival rate(%)															

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BAIS4

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104  
SEX : MALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Weeks)													
		70	71	72	73	74	75	76	77	78	79	80	81	82	83
Control	50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	44/50	44/50	42/50
		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	88.0	88.0	84.0
250 ppm	50	47/50	47/50	46/50	46/50	46/50	46/50	46/50	45/50	44/50	44/50	42/50	42/50	42/50	38/50
		94.0	94.0	92.0	92.0	92.0	92.0	92.0	90.0	88.0	88.0	84.0	84.0	84.0	76.0
1000 ppm	50	46/50	46/50	46/50	46/50	44/50	44/50	44/50	44/50	44/50	44/50	43/50	42/50	41/50	40/50
		92.0	92.0	92.0	92.0	88.0	88.0	88.0	88.0	88.0	88.0	86.0	84.0	82.0	80.0
4000 ppm	50	40/50	39/50	39/50	38/50	37/50	36/50	36/50	35/50	34/50	34/50	34/50	34/50	34/50	33/50
		80.0	78.0	78.0	76.0	74.0	72.0	72.0	70.0	68.0	68.0	68.0	68.0	68.0	66.0
Number of survival/ Number of effective animals Survival rate(%)															

STUDY NO. : 0685

## SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

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	42/50	42/50	41/50	41/50	40/50	40/50	39/50	39/50	39/50	38/50	35/50	35/50
		84.0	84.0	84.0	84.0	82.0	82.0	80.0	80.0	78.0	78.0	78.0	76.0	70.0	70.0
250 ppm	50	36/50	36/50	34/50	34/50	34/50	34/50	34/50	34/50	34/50	33/50	32/50	31/50	31/50	31/50
		72.0	72.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	66.0	64.0	62.0	62.0	62.0
1000 ppm	50	39/50	39/50	39/50	39/50	39/50	39/50	39/50	39/50	38/50	37/50	35/50	33/50	33/50	33/50
		78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	76.0	74.0	70.0	66.0	66.0	66.0
4000 ppm	50	29/50	29/50	28/50	28/50	25/50	25/50	23/50	23/50	23/50	23/50	23/50	21/50	20/50	20/50
		58.0	58.0	56.0	56.0	50.0	50.0	46.0	46.0	46.0	46.0	46.0	42.0	40.0	40.0
Number of survival/ Number of effective animals Survival rate(%)															

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STUDY NO. : 0685  
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	33/50	33/50	33/50	32/50	31/50	31/50
		68.0	66.0	66.0	66.0	64.0	62.0	62.0
250 ppm	50	30/50	30/50	30/50	29/50	29/50	29/50	29/50
		60.0	60.0	60.0	58.0	58.0	58.0	58.0
1000 ppm	50	33/50	33/50	32/50	32/50	32/50	31/50	29/50
		66.0	66.0	64.0	64.0	64.0	62.0	58.0
4000 ppm	50	19/50	18/50	17/50	17/50	17/50	16/50	16/50
		38.0	36.0	34.0	34.0	34.0	32.0	32.0
Number of survival/ Number of effective animals Survival rate(%)								

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BA1S4

**TABLE A 2**

**SURVIVAL ANIMAL NUMBERS: FEMALE**

STUDY NO. : 0685

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

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
250 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
1000 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
4000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0685

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

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
250 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
1000 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
4000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BA1S4



STUDY NO. : 0685

## SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

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	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
		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	98.0
250 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
1000 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
4000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0685

## SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

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	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	48/50	48/50	48/50	48/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0	96.0
250 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
1000 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
4000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0685

## SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

PAGE : 13

Group Name	Animals At start	Administration (Weeks)													
		56	57	58	59	60	61	62	63	64	65	66	67	68	69
Control	50	48/50	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
		96.0	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
250 ppm	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	48/50	48/50
		98.0	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
1000 ppm	50	49/50	49/50	49/50	49/50	49/50	48/50	48/50	48/50	48/50	48/50	47/50	47/50	47/50	47/50
		98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0	96.0	96.0	94.0	94.0	94.0	94.0
4000 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
		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
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BA1S4

STUDY NO. : 0685

## SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

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	47/50	47/50	47/50	47/50	47/50	46/50	45/50	42/50	42/50	42/50	41/50	41/50	40/50	40/50
		94.0	94.0	94.0	94.0	94.0	92.0	90.0	84.0	84.0	84.0	82.0	82.0	80.0	80.0
250 ppm	50	46/50	45/50	45/50	43/50	43/50	42/50	42/50	42/50	42/50	42/50	42/50	42/50	41/50	41/50
		92.0	90.0	90.0	86.0	86.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	82.0	82.0
1000 ppm	50	47/50	46/50	46/50	46/50	46/50	44/50	44/50	44/50	44/50	44/50	44/50	44/50	44/50	42/50
		94.0	92.0	92.0	92.0	92.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	84.0
4000 ppm	50	48/50	48/50	47/50	47/50	47/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	45/50	45/50
		96.0	96.0	94.0	94.0	94.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	90.0	90.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BA1S4

STUDY NO. : 0685

## SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

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	39/50	38/50	37/50	36/50	36/50	36/50	34/50	34/50	33/50	32/50	32/50	30/50	30/50	30/50
		78.0	76.0	74.0	72.0	72.0	72.0	68.0	68.0	66.0	64.0	64.0	60.0	60.0	60.0
250 ppm	50	41/50	40/50	40/50	40/50	37/50	37/50	37/50	37/50	36/50	34/50	34/50	33/50	32/50	31/50
		82.0	80.0	80.0	80.0	74.0	74.0	74.0	74.0	72.0	68.0	68.0	66.0	64.0	62.0
1000 ppm	50	40/50	40/50	39/50	39/50	38/50	37/50	36/50	35/50	32/50	30/50	30/50	30/50	30/50	30/50
		80.0	80.0	78.0	78.0	76.0	74.0	72.0	70.0	64.0	60.0	60.0	60.0	60.0	60.0
4000 ppm	50	45/50	45/50	45/50	45/50	43/50	43/50	42/50	42/50	42/50	41/50	41/50	41/50	41/50	41/50
		90.0	90.0	90.0	90.0	86.0	86.0	84.0	84.0	84.0	82.0	82.0	82.0	82.0	82.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0685

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

PAGE : 16

Group Name	Animals At start	Administration (Weeks)						
		98	99	100	101	102	103	104
Control	50	30/50	30/50	30/50	29/50	27/50	24/50	23/50
		60.0	60.0	60.0	58.0	54.0	48.0	46.0
250 ppm	50	30/50	29/50	28/50	27/50	26/50	25/50	25/50
		60.0	58.0	56.0	54.0	52.0	50.0	50.0
1000 ppm	50	29/50	28/50	28/50	27/50	26/50	26/50	25/50
		58.0	56.0	56.0	54.0	52.0	52.0	50.0
4000 ppm	50	41/50	41/50	40/50	39/50	35/50	35/50	35/50
		82.0	82.0	80.0	78.0	70.0	70.0	70.0
Number of survival/ Number of effective animals Survival rate(%)								

(HAN360)

BAIS4

**TABLE B 1**

**CLINICAL OBSERVATION: MALE**

STUDY NO. : 0685  
 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	1	1	1	1	1	1	1	2	2	2	2
	250 ppm	0	0	0	0	1	1	1	2	2	2	2	2	2	2
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITTON	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0685  
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	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	250 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSTITON	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERT-GENTALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crl: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	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	250 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	1	1	1	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERT-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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	2	2	2	2	2	2	3	3	3	3	3	4	4	5
	250 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	1000 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	4000 ppm	2	2	2	2	2	3	4	4	4	4	4	4	4	4
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	4000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	2	1	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	1	0	0	0	0	1	1	1	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	1	1	1	1	0	0	0
	4000 ppm	0	0	2	2	2	1	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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	250 ppm	2	2	2	2	2	2	2	2	3	3	3	3	3	3
	1000 ppm	1	1	1	1	1	1	1	1	1	1	2	3	3	3
	4000 ppm	5	5	5	5	5	5	5	5	5	6	6	6	8	8
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	4000 ppm	1	1	1	1	1	1	1	1	2	2	2	2	2	2
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	4000 ppm	0	0	0	0	1	1	1	3	2	1	1	1	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	2	2
	4000 ppm	0	0	0	0	0	0	1	1	1	2	3	3	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	1	0	0	0	0	1	0	0
EXOPHTHALMOS	Control	1	1	1	1	1	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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	5	5	5	5	5	5	5	5	5	5	5	5	6	6
	250 ppm	3	4	4	4	4	4	4	5	5	7	7	7	11	12
	1000 ppm	3	3	3	5	5	5	5	5	5	5	6	7	8	9
	4000 ppm	9	9	10	11	12	12	13	14	14	14	14	14	15	18
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	1	1	2	2
	250 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	2
	1000 ppm	1	1	1	1	1	1	1	1	1	2	2	2	2	2
	4000 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	3
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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	1	1	1	1
	250 ppm	0	0	0	0	1	1	1	0	0	0	0	1	1	0
	1000 ppm	0	1	1	0	1	1	1	1	1	0	0	0	1	0
	4000 ppm	1	2	1	0	1	2	1	0	0	2	3	3	3	1
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	2	1	1	1	1
	250 ppm	0	0	0	0	1	1	1	0	0	0	0	3	0	0
	1000 ppm	2	2	1	0	0	1	1	1	1	0	0	0	0	0
	4000 ppm	0	2	1	1	1	1	0	1	1	3	4	4	4	2
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
DEATH	Control	6	6	6	7	7	8	8	9	9	9	10	12	12	13
	250 ppm	12	14	14	14	14	14	14	14	15	16	16	16	16	17
	1000 ppm	9	9	9	9	9	9	9	10	11	13	15	15	15	15
	4000 ppm	18	19	19	21	21	23	23	23	23	23	25	26	26	27
MORIBUND SACRIFICE	Control	2	2	2	2	2	2	2	2	2	2	2	3	3	3
	250 ppm	2	2	2	2	2	2	2	2	2	2	3	3	3	3
	1000 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	4000 ppm	3	3	3	4	4	4	4	4	4	4	4	4	4	4
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	1	0	0	0	0	0	0	0	0	1	1	1
	4000 ppm	1	1	4	1	1	0	0	0	0	0	1	1	1	0
PILOERECTION	Control	1	1	1	0	1	0	0	0	1	2	2	0	0	0
	250 ppm	0	0	1	0	1	1	1	1	1	1	1	1	1	0
	1000 ppm	0	0	0	0	0	0	0	2	2	0	1	1	2	2
	4000 ppm	3	2	3	2	2	1	1	2	3	3	1	2	2	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	4000 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	2
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	4000 ppm	0	3	1	1	1	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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
 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	14	14	14	15	15	15
	250 ppm	17	17	18	18	18	18
	1000 ppm	15	16	16	16	16	18
	4000 ppm	28	29	29	29	30	30
MORIBUND SACRIFICE	Control	3	3	3	3	4	4
	250 ppm	3	3	3	3	3	3
	1000 ppm	2	2	2	2	3	3
	4000 ppm	4	4	4	4	4	4
HUNCHBACK POSITION	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	1	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
PILOERECTION	Control	0	0	1	1	1	1
	250 ppm	0	0	0	1	3	2
	1000 ppm	3	3	4	4	4	2
	4000 ppm	0	0	0	1	2	2
FROG BELLY	Control	0	0	0	0	0	1
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	2	2	1	1	1	1
	250 ppm	0	0	0	0	0	0
	1000 ppm	1	1	2	2	2	1
	4000 ppm	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0

STUDY NO. : 0685  
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
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	2	2	2	2	2	2	2	1	2	2	2
	250 ppm	0	0	0	3	3	3	3	2	2	2	2	3	3	3
	1000 ppm	0	0	0	1	1	1	1	3	3	3	3	3	3	2
	4000 ppm	0	0	0	2	2	2	2	3	3	3	3	4	4	4
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0685  
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
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	2	2	2	2	3	3	3	3	3	3	3	3	3	4
	250 ppm	3	3	3	3	3	3	3	3	4	4	4	4	4	4
	1000 ppm	3	1	1	2	2	2	2	2	2	1	1	1	1	1
	4000 ppm	4	3	3	3	3	3	3	3	3	1	1	1	1	1
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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				32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
		29-7	30-7	31-7												
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	4	2	2	2	2	2	2	2	2	2	3	3	3	3	3
	250 ppm	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	1000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	4000 ppm	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	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	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	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	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	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	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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
CORNEAL OPACITY	Control	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1
INTERNAL MASS	Control	3	2	2	2	2	2	2	2	2	2	2	1	1	1
	250 ppm	3	3	3	3	3	3	3	3	3	4	4	4	4	4
	1000 ppm	1	1	1	1	1	1	1	1	2	2	2	1	1	1
	4000 ppm	2	3	3	3	3	3	2	1	1	1	1	1	1	1
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1
M. PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		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	1	1	1	1	1	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	1	1	1	1	1	1	1	2	2
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	4	4	4	4	4	3	4	4	4	4	4	5	5	7
	1000 ppm	1	1	1	1	1	2	3	3	3	3	3	3	4	4
	4000 ppm	0	0	0	0	0	1	3	3	2	3	3	4	2	2
M. EYE	Control	0	0	0	0	0	1	1	1	1	1	1	1	2	2
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M. PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	4000 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	2	2	2	2	2
	250 ppm	7	7	7	7	7	6	8	8	8	8	10	9	6	5
	1000 ppm	4	4	4	3	3	4	4	4	4	3	2	3	2	2
	4000 ppm	2	3	3	3	3	3	3	2	3	4	5	4	4	2
M. EYE	Control	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M. PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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	3	3	3	2	2	2
	250 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1000 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	4000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
INTERNAL MASS	Control	2	2	4	3	3	3	4	4	4	4	3	3	5	6
	250 ppm	7	3	5	4	4	6	9	8	9	4	4	4	4	4
	1000 ppm	3	3	3	3	3	4	4	5	4	2	1	2	3	3
	4000 ppm	2	5	5	2	2	1	1	2	3	4	3	2	2	1
M. EYE	Control	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	0
M. PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	1	1	1	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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	1
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	4000 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
CORNEAL OPACITY	Control	0	0	0	0	0	0
	250 ppm	1	1	1	1	1	1
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
EXTERNAL MASS	Control	2	2	2	1	1	1
	250 ppm	1	1	1	1	1	1
	1000 ppm	1	1	2	2	2	1
	4000 ppm	1	0	0	0	0	0
INTERNAL MASS	Control	5	5	5	5	5	5
	250 ppm	4	3	4	5	5	6
	1000 ppm	4	4	4	4	4	5
	4000 ppm	1	1	1	4	3	5
M. EYE	Control	2	2	2	1	1	1
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
M. EAR	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
M. PERI EAR	Control	0	0	0	0	0	0
	250 ppm	1	1	1	1	1	1
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
M. ABDOMEN	Control	1	1	1	1	1	1
	250 ppm	0	0	0	0	0	0
	1000 ppm	1	1	1	1	1	0
	4000 ppm	1	0	0	0	0	0

STUDY NO. : 0685  
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. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENTS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0685  
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. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
 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. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	2	1	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	1	1	1	1	0	1	1	1
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENTS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	4000 ppm	0	0	0	0	0	0	0	1	1	1	1	2	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
M. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	4000 ppm	0	0	1	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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	1	1	1	1	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENTS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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	1	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	2	0	0
	1000 ppm	1	1	1	0	1	1	1	1	1	0	0	1	1	0
	4000 ppm	0	0	1	0	1	1	1	0	0	0	0	0	0	1

STUDY NO. : 0685  
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. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	1	1	1	1	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	1	1	0	0	0	1	1
	4000 ppm	0	0	0	0	0	0	1	1	1	1	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	1	1	1	1	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	1	1	1	1	2	2	1	1	1	1
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENTS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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	1	0	0	0
	250 ppm	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	1	0	0	1	2	1
	4000 ppm	1	1	3	1	1	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 24

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
M. ANTERIOR. DORSUM	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
M. TAIL	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	1	1	1	1
	4000 ppm	1	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
ULCER	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
EROSION	Control	0	0	1	1	1	1
	250 ppm	0	0	0	0	0	0
	1000 ppm	1	1	1	1	1	1
	4000 ppm	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	1	0	1	1	1	2
TORTICOLLIS	Control	0	0	1	1	1	1
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
PROLAPSE OF PENTS	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0
	250 ppm	0	0	0	1	2	1
	1000 ppm	1	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 25

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
BROWN URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	1	0	0	1	1	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
NON REMARKABLE	Control	50	50	50	47	47	47	47	47	47	47	47	46	46	46
	250 ppm	49	50	50	46	45	46	46	46	46	46	46	45	45	45
	1000 ppm	50	50	50	49	49	49	49	47	47	47	47	47	47	48
	4000 ppm	50	50	50	48	48	48	48	47	47	47	47	46	46	45

(HAN190)

BAIS 4



STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 26

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
BROWN URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	3	24	24	28	28	28	28	30	30	23
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	46	46	46	46	45	45	45	45	45	45	45	45	45	44
	250 ppm	45	45	45	45	45	45	45	45	44	44	44	44	44	44
	1000 ppm	47	49	49	48	48	48	48	48	48	49	49	49	49	49
	4000 ppm	45	46	46	46	43	22	22	21	21	21	21	19	19	26

(HAN190)

BAIS 4

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 27

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
BROWN URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	23	26	26	28	28	28	49	49	48	48	48	47	47	47
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	44	46	46	46	46	46	46	46	46	46	45	45	45	45
	250 ppm	44	45	45	45	45	45	45	45	45	45	45	45	45	45
	1000 ppm	49	49	49	49	49	49	49	49	49	49	49	49	49	49
	4000 ppm	26	23	23	21	21	21	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 28

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
BROWN URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	47	47	47	47	47	46	45	45	45	45	45	45	45	45
SMALL STOOL	Control	0	0	0	0	0	1	0	0	0	0	0	0	1	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	1	0	0	0	0	1	1	1	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	45	46	45	45	45	44	44	44	44	44	43	43	43	43
	250 ppm	45	45	45	45	45	45	45	45	45	44	44	44	44	44
	1000 ppm	49	49	49	49	49	49	49	48	47	47	47	47	47	47
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS 4

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 29

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
BROWN URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	44	44	44	44	44	44	44	44	43	42	42	42	40	40
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0
OLIGO-STOOL	Control	0	1	0	0	0	0	0	0	0	0	0	0	1	1
	250 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	2	1	1	1
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	43	42	43	43	43	43	43	43	43	43	43	43	41	41
	250 ppm	44	44	44	44	44	45	44	44	43	42	43	42	42	40
	1000 ppm	47	47	47	47	47	46	45	45	45	45	43	43	42	42
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 30

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
BROWN URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	39	39	38	37	36	36	35	34	34	34	34	34	33	29
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	1	0	0	0	0	2	1	0
	1000 ppm	0	0	0	0	0	0	1	1	1	0	0	1	1	0
	4000 ppm	0	0	0	1	0	0	1	0	0	0	1	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	1	1	1	1	1	1	1	2	2	0	0
	1000 ppm	0	0	0	0	0	0	1	1	1	0	1	1	1	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	42	42	42	42	42	42	42	42	42	40	40	40	38	38
	250 ppm	40	39	39	38	38	39	35	35	35	33	30	32	31	31
	1000 ppm	42	42	42	41	41	40	40	40	40	40	38	37	37	37
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS 4

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 31

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
BROWN URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	1	1	0	0	0	0
	4000 ppm	29	28	28	25	25	23	23	23	23	23	21	20	20	19
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	3	0	1	0
	250 ppm	1	0	0	0	0	0	0	0	1	0	0	0	0	0
	1000 ppm	0	0	1	0	0	0	0	0	0	0	1	0	0	0
	4000 ppm	1	0	4	1	1	1	1	2	4	3	1	0	1	0
OLIGO-STOOL	Control	0	0	0	0	1	0	1	0	4	4	3	0	1	0
	250 ppm	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	1	1	0	0	0	0	1	0	1	0
	4000 ppm	0	0	3	0	0	0	0	0	3	3	2	1	2	1
NON REMARKABLE	Control	38	38	36	36	36	35	34	33	31	31	31	30	28	26
	250 ppm	29	31	28	30	30	27	24	24	22	26	25	25	25	24
	1000 ppm	36	36	35	36	35	34	34	32	32	32	30	29	27	26
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(HAN190)

BAIS 4

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 32

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
BROWN URINE	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	18	17	17	17	16	16
SMALL STOOL	Control	0	0	0	0	0	0
	250 ppm	0	0	0	1	2	1
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	1
OLIGO-STOOL	Control	0	0	0	0	0	0
	250 ppm	0	0	0	1	3	1
	1000 ppm	0	1	1	1	1	1
	4000 ppm	1	1	0	0	0	0
NON REMARKABLE	Control	26	26	25	25	24	23
	250 ppm	24	25	23	21	21	21
	1000 ppm	25	25	25	26	25	23
	4000 ppm	0	0	0	0	0	0

(HAN190)

BAIS 4

**TABLE B 2**

**CLINICAL OBSERVATION: FEMALE**



STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 33

Clinical sign	Group Name	Administration Week-day													
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TREMOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILLORECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
 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
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	4000 ppm	0	0	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	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	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	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TREMOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	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	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	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	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	4000 ppm	0	0	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	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TREMOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
DEATH	Control	1	1	1	1	1	1	1	1	1	2	2	2	2	2
	250 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	1000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TREMOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
 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													
		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	3	3	3	3	3	3	3	3
	250 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	4
	1000 ppm	1	1	1	1	2	2	2	2	2	3	3	3	3	3
	4000 ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	2
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TREMOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	1	1	1	1	0	0	0	0	1	1	1	2	2
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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	3	3	3	3	3	4	5	5	5	6	6	7	7	7
	250 ppm	5	5	7	7	8	8	8	8	8	8	8	9	9	9
	1000 ppm	3	3	3	3	5	5	5	5	5	5	5	5	6	8
	4000 ppm	2	3	3	3	4	4	4	4	4	4	4	4	4	4
MORBUND SACRIFICE	Control	0	0	0	0	1	1	3	3	3	3	3	3	3	4
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	2	2
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
PRONE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TREMOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	1	0	1	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	1	1	2	2	2	2	1	1	1	2	2
	1000 ppm	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	3	2	2	2

STUDY NO. : 0685  
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	7	8	9	9	9	11	11	12	13	13	15	15	15	15
	250 ppm	9	9	9	11	11	11	11	12	13	13	13	14	15	16
	1000 ppm	8	9	9	10	10	11	11	14	16	16	16	16	16	17
	4000 ppm	4	4	4	5	5	6	6	6	7	7	7	7	7	7
MORIBUND SACRIFICE	Control	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	250 ppm	1	1	1	2	2	2	2	2	3	3	4	4	4	4
	1000 ppm	2	2	2	2	3	3	4	4	4	4	4	4	4	4
	4000 ppm	1	1	1	2	2	2	2	2	2	2	2	2	2	2
PRONE	Control	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TREMOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	1	0	0	1	1	0	0	0	0	0	0	0	0	0
	250 ppm	2	2	2	1	1	1	1	1	2	2	1	1	2	2
	1000 ppm	1	0	1	0	0	0	1	0	0	0	0	0	0	0
	4000 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	1	1	1	1	0	0	0	0	0	0
	250 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	1	0	0	0	0	1	0	0	0	0	0	0
	4000 ppm	2	2	2	2	3	2	2	2	2	2	2	2	3	3

STUDY NO. : 0685  
 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	15	15	16	18	21	22
	250 ppm	17	18	19	20	20	20
	1000 ppm	18	18	19	20	20	21
	4000 ppm	7	8	9	13	13	13
MORIBUND SACRIFICE	Control	5	5	5	5	5	5
	250 ppm	4	4	4	4	5	5
	1000 ppm	4	4	4	4	4	4
	4000 ppm	2	2	2	2	2	2
PRONE	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
TREMOR	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0
	250 ppm	0	1	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
PILOERECTION	Control	0	2	2	2	0	0
	250 ppm	1	2	2	1	1	1
	1000 ppm	0	1	1	0	0	0
	4000 ppm	1	1	2	1	1	1
FROG BELLY	Control	0	1	1	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	3	2	2	3	2	2



STUDY NO. : 0685  
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
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1000 ppm	1	1	1	1	1	1	1	1	1	1	2	2	2	1
	4000 ppm	0	1	1	1	1	1	1	1	1	2	2	2	2	2
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	1	2	2
	1000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	250 ppm	2	2	2	2	1	1	1	1	1	1	1	1	1	1
	1000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	4000 ppm	1	1	2	3	1	2	2	2	2	2	2	2	2	2
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
 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
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	1	1	1	1	1	1	0	0	1	1	1	1	1	1
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
INTERNAL MASS	Control	0	1	1	1	1	1	1	1	1	2	2	2	3	4
	250 ppm	0	1	1	1	1	1	1	1	1	1	1	2	3	1
	1000 ppm	1	1	1	1	1	1	1	2	2	2	2	2	1	2
	4000 ppm	2	3	1	1	1	2	2	2	3	4	4	4	4	4
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	1	1	0	1	1	1	1	1	1	1	1	1	1	1
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	1	1	1	1	1	1	0	0	0	1	1
	250 ppm	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
INTERNAL MASS	Control	4	4	3	4	4	4	2	2	2	2	2	2	1	2
	250 ppm	1	1	0	0	0	1	1	1	3	3	3	2	2	2
	1000 ppm	3	3	2	3	2	2	4	4	5	5	6	6	5	3
	4000 ppm	3	4	4	4	3	3	3	3	4	5	5	4	5	5
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	1	1	1	1	1	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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	0	0	0	0	0	0	0	0	0	1	1	2
	250 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	2
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	1	1	1	1	1	1	1	2	2	3	3	3	3	4
INTERNAL MASS	Control	1	1	1	2	2	1	2	2	2	2	2	2	3	4
	250 ppm	3	3	3	2	3	4	4	4	3	3	3	2	2	2
	1000 ppm	4	3	4	4	4	5	5	3	2	2	2	2	3	3
	4000 ppm	5	5	6	4	4	3	4	5	5	5	5	5	6	6
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1

STUDY NO. : 0685  
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
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0
	250 ppm	0	0	1	1	0	0
	1000 ppm	0	0	1	0	0	0
	4000 ppm	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	1
	4000 ppm	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0
	250 ppm	1	1	1	1	1	1
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
ANTERIOR CHAMBER OPACITY	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
EXTERNAL MASS	Control	2	1	1	1	0	0
	250 ppm	1	2	1	1	1	1
	1000 ppm	0	1	1	0	0	1
	4000 ppm	4	5	4	2	2	2
INTERNAL MASS	Control	5	5	4	3	2	2
	250 ppm	1	1	2	1	2	2
	1000 ppm	3	6	6	6	6	6
	4000 ppm	6	5	6	4	4	6
M. NOSE	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
M. EYE	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	1	1	1	1	1	1



STUDY NO. : 0685  
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			4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
		1-7	2-7	3-7											
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crlj: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. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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			32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
		29-7	30-7	31-7											
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day				60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
		57-7	58-7	59-7												
M. NECK	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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				74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
		71-7	72-7	73-7												
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	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	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	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	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	1	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	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	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	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day				88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
		85-7	86-7	87-7												
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
M. BREAST	Control	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1
	250 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	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	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	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	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	1	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	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1
SWELLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
M. NECK	Control	1	1	1	1	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	1
	4000 ppm	1	1	1	0	0	0
M. BREAST	Control	1	0	0	0	0	0
	250 ppm	0	1	1	1	1	1
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
M. ANTERIOR. DORSUM	Control	0	0	0	0	0	0
	250 ppm	1	1	0	0	0	0
	1000 ppm	0	1	1	0	0	0
	4000 ppm	1	1	1	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	1	0	0	0	0
M. TAIL	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	1	1	1	1	1	1
EDEMA	Control	0	0	1	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	1	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	1	1	1	1	0	0
SWELLING	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0



STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Cxj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 57

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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOISY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BROWN URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	1	1	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	1000 ppm	50	48	49	50	50	50	49	49	49	49	49	49	49	49
	4000 ppm	50	49	50	50	50	50	50	50	50	50	50	50	50	50

STUDY NO. : 0685  
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			18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
		15-7	16-7	17-7											
TORTICOLLIS	Control	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOISY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BROWN URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	12	23	18	17	17	31	35	35	34	44
SMALL STOOL	Control	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	1	1	1	1	1	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	50	50	50	49	50	50	50	49	49	49	49	49	49	48
	250 ppm	50	50	50	50	50	50	50	50	50	50	49	50	50	49
	1000 ppm	49	49	49	49	49	49	49	49	49	49	48	47	48	48
	4000 ppm	50	49	49	49	37	26	31	32	32	19	15	15	16	6

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[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
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOISY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BROWN URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	33	33	33	33	34	34	50	50	47	47	49	49	50	50
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	48	48	48	48	48	48	48	48	48	48	48	48	48	48
	250 ppm	50	50	50	50	50	50	50	50	50	50	50	49	48	48
	1000 ppm	48	48	48	48	48	48	48	48	48	48	48	48	48	48
	4000 ppm	17	17	17	17	16	16	0	0	3	3	1	1	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 60

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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 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
	250 ppm	0	0	0	0	0	0	1	1	1	0	0	1	1	1
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOISY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BROWN URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	250 ppm	0	0	0	0	0	0	1	1	1	0	0	1	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	48	48	48	48	48	48	48	48	48	47	47	47	47	47
	250 ppm	48	48	48	48	48	48	47	47	47	48	48	47	47	47
	1000 ppm	48	48	48	48	48	48	48	48	48	48	48	48	48	48
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
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
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOISY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BROWN URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	50	50	49	49	49	49	49	49	49	49	49	49	49	48
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	2	2	2
	4000 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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	1	1	0	0	1	1	2	2	2
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	47	46	46	46	46	46	46	46	46	45	45	45	44	43
	250 ppm	47	46	46	46	46	46	47	47	45	45	45	44	43	43
	1000 ppm	48	47	47	47	46	46	46	46	46	44	44	44	43	42
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crl:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 62

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
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1000 ppm	1	1	1	1	0	0	0	2	2	2	2	2	2	2
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1000 ppm	1	1	1	1	0	0	0	0	0	0	0	0	0	1
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOISY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BROWN URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	48	47	47	47	46	46	46	46	46	46	46	45	45	45
SMALL STOOL	Control	0	0	0	1	0	1	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	1	1	1	1	0	0	0	0	0	0	1
	1000 ppm	0	1	1	1	0	0	0	0	0	0	0	1	0	0
	4000 ppm	0	0	0	0	0	0	0	1	2	2	2	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	2	0	0	0	0	0	0	0	1
	250 ppm	0	0	0	1	0	0	0	0	0	0	0	0	1	1
	1000 ppm	1	1	1	2	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	1	1	0	0	0
NON REMARKABLE	Control	43	43	44	42	41	39	39	39	39	39	39	38	38	36
	250 ppm	42	41	42	40	40	40	40	40	38	38	38	38	37	37
	1000 ppm	41	41	42	41	42	42	40	38	37	37	36	36	35	35
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day			88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
		85-7	86-7	87-7											
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	1	0	0	1	1	1	1	0	0	0	0	0	0	0
	250 ppm	1	2	2	1	1	1	1	1	1	1	1	1	1	1
	1000 ppm	1	0	0	0	0	0	1	1	0	0	0	0	0	0
	4000 ppm	0	1	1	0	0	0	0	0	0	0	0	0	0	0
NOISY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BROWN URINE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4000 ppm	45	45	45	43	43	42	42	42	41	41	41	41	41	41
SMALL STOOL	Control	0	0	0	1	1	0	1	0	0	0	0	0	0	0
	250 ppm	1	1	0	0	0	1	1	0	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	4000 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	1	0	1	1	1	1	1	0	0	0	0	1	0	0
	250 ppm	0	1	1	0	0	1	1	0	0	0	0	1	0	0
	1000 ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	4000 ppm	0	1	1	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	35	35	34	33	33	32	31	31	30	30	28	27	27	25
	250 ppm	36	36	36	34	33	31	31	31	30	29	29	28	28	26
	1000 ppm	35	35	34	33	32	30	29	27	27	27	27	27	26	25
	4000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 64

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
TORTICOLLIS	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	1	1	1	1	1	1
	4000 ppm	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	1	1	2	0	0
	250 ppm	1	2	1	1	1	1
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	1	1	1	1	1
NOISY	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	0	0	0	0	0	0
BROWN URINE	Control	0	0	0	0	0	0
	250 ppm	0	0	0	0	0	0
	1000 ppm	0	0	0	0	0	0
	4000 ppm	41	40	39	35	35	35
SMALL STOOL	Control	0	1	1	2	0	0
	250 ppm	0	1	0	1	0	0
	1000 ppm	0	1	0	0	0	1
	4000 ppm	0	0	1	0	0	1
OLIGO-STOOL	Control	0	0	1	2	0	0
	250 ppm	0	0	1	1	0	0
	1000 ppm	0	1	1	0	0	1
	4000 ppm	0	0	1	0	0	1
NON REMARKABLE	Control	24	23	23	23	22	21
	250 ppm	26	24	22	22	21	21
	1000 ppm	24	19	19	19	19	17
	4000 ppm	0	0	0	0	0	0



TABLE C 1

BODY WEIGHT CHANGES AND  
SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

MEAN BODY WEIGHTS AND SURVIVAL

PAGE : 1

Week on Study	Control		250 ppm		1000 ppm		4000 ppm		Av. Wt.	% of cont. <50>	No. of Surviv.
	Av. Wt.	No. of Surviv. <50>	Av. Wt.	% of cont. <50>	No. of Surviv.	Av. Wt.	% of cont. <50>	No. of Surviv.			
0	23.3 (50)	50/50	23.3 (50)	100	50/50	23.3 (50)	100	50/50	23.3 (50)	100	50/50
1	24.2 (50)	50/50	24.1 (50)	100	50/50	24.1 (50)	100	50/50	23.4 (50)	97	50/50
2	24.7 (50)	50/50	24.8 (50)	100	50/50	25.0 (50)	101	50/50	24.1 (50)	98	50/50
3	25.3 (50)	50/50	25.3 (50)	100	50/50	25.5 (50)	101	50/50	24.8 (50)	98	50/50
4	26.4 (49)	49/50	26.1 (50)	99	50/50	26.2 (50)	99	50/50	25.6 (50)	97	50/50
5	27.0 (49)	49/50	27.0 (49)	100	49/50	27.0 (50)	100	50/50	26.2 (50)	97	50/50
6	27.5 (49)	49/50	27.9 (49)	101	49/50	27.6 (50)	100	50/50	26.3 (50)	96	50/50
7	28.2 (49)	49/50	28.8 (49)	102	49/50	28.2 (50)	100	50/50	27.0 (50)	96	50/50
8	28.8 (49)	49/50	29.7 (48)	103	48/50	28.6 (50)	99	50/50	26.9 (50)	93	50/50
9	29.2 (49)	49/50	30.2 (48)	103	48/50	29.0 (50)	99	50/50	27.4 (50)	94	50/50
10	30.2 (49)	49/50	31.2 (48)	103	48/50	30.3 (50)	100	50/50	28.0 (50)	93	50/50
11	30.4 (48)	48/50	31.3 (48)	103	48/50	30.6 (50)	101	50/50	27.8 (50)	91	50/50
12	31.9 (48)	48/50	32.4 (48)	102	48/50	31.7 (50)	99	50/50	28.8 (50)	90	50/50
13	32.5 (48)	48/50	33.1 (48)	102	48/50	32.3 (50)	99	50/50	29.1 (50)	90	50/50
14	32.9 (48)	48/50	33.6 (48)	102	48/50	32.8 (50)	100	50/50	29.4 (50)	89	50/50
18	35.5 (48)	48/50	36.4 (48)	103	48/50	35.0 (50)	99	50/50	30.9 (49)	87	49/50
22	37.7 (48)	48/50	39.1 (48)	104	48/50	37.4 (50)	99	50/50	32.2 (49)	85	49/50
26	39.9 (48)	48/50	41.8 (48)	105	48/50	39.4 (50)	99	50/50	32.9 (49)	82	49/50
30	41.7 (48)	48/50	43.9 (48)	105	48/50	41.2 (50)	99	50/50	34.0 (49)	82	49/50
34	43.2 (48)	48/50	45.6 (48)	106	48/50	43.0 (50)	100	50/50	34.9 (49)	81	49/50
38	45.0 (48)	48/50	47.2 (48)	105	48/50	44.8 (50)	100	50/50	35.9 (48)	80	48/50
42	46.7 (48)	48/50	48.9 (48)	105	48/50	46.6 (50)	100	50/50	36.9 (47)	79	47/50
46	48.2 (48)	48/50	50.4 (48)	105	48/50	47.7 (50)	99	50/50	37.8 (47)	78	47/50
50	48.5 (47)	47/50	50.6 (48)	104	48/50	48.1 (50)	99	50/50	38.7 (45)	80	45/50
54	49.9 (46)	46/50	52.4 (48)	105	48/50	50.5 (48)	101	48/50	40.3 (45)	81	45/50
58	49.9 (45)	45/50	52.3 (48)	105	48/50	50.5 (48)	101	48/50	40.4 (44)	81	44/50
62	50.7 (45)	45/50	52.6 (48)	104	48/50	50.7 (48)	100	48/50	40.6 (44)	80	44/50
66	51.6 (45)	45/50	53.2 (47)	103	47/50	51.4 (48)	100	48/50	41.2 (42)	80	42/50
70	51.9 (45)	45/50	53.3 (47)	103	47/50	52.6 (46)	101	46/50	42.3 (40)	82	40/50
74	52.2 (45)	45/50	52.9 (46)	101	46/50	53.4 (44)	102	44/50	43.4 (37)	83	37/50
78	52.8 (45)	45/50	53.4 (44)	101	44/50	53.5 (44)	101	44/50	44.5 (34)	84	34/50
82	52.2 (44)	44/50	51.3 (42)	98	42/50	54.0 (41)	103	41/50	42.9 (34)	82	34/50
86	52.4 (42)	42/50	54.2 (34)	103	34/50	54.2 (39)	103	39/50	42.8 (28)	82	28/50
90	52.8 (40)	40/50	53.9 (34)	102	34/50	52.8 (39)	100	39/50	43.0 (23)	81	23/50
94	50.7 (39)	39/50	53.2 (32)	105	32/50	51.7 (35)	102	35/50	40.7 (23)	80	23/50
98	51.3 (34)	34/50	53.3 (30)	104	30/50	50.7 (33)	99	33/50	41.7 (19)	81	19/50
102	50.9 (32)	32/50	51.5 (29)	101	29/50	49.0 (32)	96	32/50	41.0 (17)	81	17/50
104	50.6 (31)	31/50	49.7 (29)	98	29/50	48.8 (29)	96	29/50	38.9 (16)	77	16/50

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

Av. Wt. : g

TABLE C 2

BODY WEIGHT CHANGES AND  
SURVIVAL ANIMAL NUMBERS: FEMALE

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

PAGE : 2

Week on Study	Control		250 ppm		1000 ppm		4000 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	19.0 (50)	50/50	19.0 (50)	100	50/50	19.0 (50)	100	50/50	19.0 (50)	100	50/50
1	19.3 (50)	50/50	19.4 (50)	101	50/50	19.5 (50)	101	50/50	19.3 (50)	100	50/50
2	19.8 (50)	50/50	19.8 (50)	100	50/50	19.7 (50)	99	50/50	19.5 (50)	98	50/50
3	20.3 (50)	50/50	20.4 (50)	100	50/50	20.2 (50)	100	50/50	20.1 (50)	99	50/50
4	20.7 (50)	50/50	20.8 (50)	100	50/50	20.9 (50)	101	50/50	20.7 (50)	100	50/50
5	21.2 (50)	50/50	21.3 (50)	100	50/50	21.5 (50)	101	50/50	21.0 (50)	99	50/50
6	21.7 (50)	50/50	21.8 (50)	100	50/50	21.6 (50)	100	50/50	21.5 (50)	99	50/50
7	22.1 (50)	50/50	22.3 (50)	101	50/50	22.1 (50)	100	50/50	21.9 (50)	99	50/50
8	22.7 (50)	50/50	22.6 (50)	100	50/50	22.5 (50)	99	50/50	22.3 (50)	98	50/50
9	22.8 (50)	50/50	22.9 (50)	100	50/50	22.6 (50)	99	50/50	22.4 (50)	98	50/50
10	22.9 (50)	50/50	23.2 (50)	101	50/50	23.1 (50)	101	50/50	22.9 (50)	100	50/50
11	23.5 (50)	50/50	23.2 (50)	99	50/50	23.2 (50)	99	50/50	23.0 (50)	98	50/50
12	23.9 (50)	50/50	23.9 (50)	100	50/50	23.7 (50)	99	50/50	23.2 (50)	97	50/50
13	23.9 (50)	50/50	24.2 (50)	101	50/50	24.0 (50)	100	50/50	23.5 (50)	98	50/50
14	24.3 (50)	50/50	24.2 (50)	100	50/50	24.4 (50)	100	50/50	23.7 (50)	98	50/50
18	25.8 (50)	50/50	26.0 (50)	101	50/50	25.6 (50)	99	50/50	24.6 (50)	95	50/50
22	27.6 (50)	50/50	27.9 (50)	101	50/50	27.0 (50)	98	50/50	25.7 (50)	93	50/50
26	28.7 (50)	50/50	29.4 (50)	102	50/50	28.7 (50)	100	50/50	26.6 (50)	93	50/50
30	30.2 (49)	49/50	30.8 (50)	102	50/50	29.8 (49)	99	49/50	27.1 (50)	90	50/50
34	31.9 (49)	49/50	32.7 (50)	103	50/50	31.4 (49)	98	49/50	27.9 (50)	87	50/50
38	33.1 (49)	49/50	33.8 (50)	102	50/50	32.3 (49)	98	49/50	28.6 (50)	86	50/50
42	33.8 (49)	49/50	34.2 (50)	101	50/50	33.0 (49)	98	49/50	29.0 (50)	86	50/50
46	34.6 (49)	49/50	35.3 (50)	102	50/50	33.9 (49)	98	49/50	29.1 (50)	84	50/50
50	35.3 (49)	49/50	35.6 (49)	101	49/50	33.9 (49)	96	49/50	29.6 (50)	84	50/50
54	36.8 (48)	48/50	36.9 (49)	100	49/50	35.4 (49)	96	49/50	30.4 (50)	83	50/50
58	36.8 (47)	47/50	36.7 (48)	100	48/50	35.5 (49)	96	49/50	30.8 (50)	84	50/50
62	36.8 (47)	47/50	36.9 (48)	100	48/50	35.9 (48)	98	48/50	30.9 (49)	84	49/50
66	37.1 (47)	47/50	37.4 (48)	101	48/50	36.0 (47)	97	47/50	31.2 (49)	84	49/50
70	38.0 (47)	47/50	38.1 (46)	100	46/50	36.6 (47)	96	47/50	31.3 (48)	82	48/50
74	37.9 (47)	47/50	37.4 (43)	99	43/50	36.5 (46)	96	46/50	31.4 (47)	83	47/50
78	38.4 (42)	42/50	37.7 (42)	98	42/50	36.9 (44)	96	44/50	31.4 (46)	82	46/50
82	38.3 (40)	40/50	37.4 (41)	98	41/50	37.2 (44)	97	44/50	31.5 (45)	82	45/50
86	37.8 (37)	37/50	38.1 (40)	101	40/50	37.2 (39)	98	39/50	31.4 (45)	83	45/50
90	38.0 (34)	34/50	37.6 (37)	99	37/50	37.4 (36)	98	36/50	31.6 (42)	83	42/50
94	37.5 (32)	32/50	37.6 (34)	100	34/50	36.4 (30)	97	30/50	31.8 (41)	85	41/50
98	36.2 (30)	30/50	37.4 (30)	103	30/50	36.2 (29)	100	29/50	31.8 (41)	88	41/50
102	35.5 (27)	27/50	35.9 (26)	101	26/50	36.1 (26)	102	26/50	30.7 (35)	86	35/50
104	36.4 (23)	23/50	35.8 (25)	98	25/50	35.7 (25)	98	25/50	31.1 (35)	85	35/50

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

TABLE C 3

BODY WEIGHT CHANGES: MALE

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 1

Group Name	Administration week						
	0	1	2	3	4	5	6
Control	23.3± 0.9	24.2± 1.1	24.7± 1.7	25.3± 1.9	26.4± 1.4	27.0± 1.8	27.5± 2.1
250 ppm	23.3± 0.9	24.1± 1.3	24.8± 1.8	25.3± 2.0	26.1± 2.7	27.0± 2.2	27.9± 2.6
1000 ppm	23.3± 0.9	24.1± 1.1	25.0± 0.9	25.5± 1.2	26.2± 1.3	27.0± 1.4	27.6± 1.5
4000 ppm	23.3± 1.0	23.4± 1.2**	24.1± 1.6	24.8± 1.5	25.6± 1.3**	26.2± 1.2**	26.3± 1.2**

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

Test of Dunnett

STUDY NO. : 0685  
 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						
	7	8	9	10	11	12	13
Control	28.2± 2.3	28.8± 2.4	29.2± 3.0	30.2± 2.9	30.4± 2.5	31.9± 2.4	32.5± 2.5
250 ppm	28.8± 2.7	29.7± 2.2	30.2± 2.6	31.2± 2.6	31.3± 2.6	32.4± 2.9	33.1± 2.9
1000 ppm	28.2± 1.7	28.6± 1.9	29.0± 2.9	30.3± 2.1	30.6± 2.2	31.7± 2.3	32.3± 2.5
4000 ppm	27.0± 1.3**	26.9± 1.5**	27.4± 2.2**	28.0± 1.3**	27.8± 1.7**	28.8± 1.8**	29.1± 2.2**

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

Test of Dunnett

STUDY NO. : 0685  
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						
	14	18	22	26	30	34	38
Control	32.9± 2.4	35.5± 2.8	37.7± 3.5	39.9± 3.9	41.7± 4.3	43.2± 4.5	45.0± 4.7
250 ppm	33.6± 3.0	36.4± 3.4	39.1± 4.1	41.8± 4.6*	43.9± 4.7*	45.6± 4.5*	47.2± 4.2*
1000 ppm	32.8± 2.6	35.0± 3.2	37.4± 3.5	39.4± 4.1	41.2± 4.4	43.0± 4.7	44.8± 4.7
4000 ppm	29.4± 2.0**	30.9± 2.0**	32.2± 2.3**	32.9± 3.0**	34.0± 3.0**	34.9± 3.3**	35.9± 3.5**

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

Test of Dunnett



STUDY NO. : 0685  
 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 week						
	42	46	50	54	58	62	66
Control	46.7± 4.4	48.2± 4.3	48.5± 4.7	49.9± 4.1	49.9± 3.7	50.7± 4.2	51.6± 4.0
250 ppm	48.9± 4.2*	50.4± 3.9*	50.6± 4.0	52.4± 3.4**	52.3± 3.3**	52.6± 3.9	53.2± 4.4
1000 ppm	46.6± 4.9	47.7± 4.7	48.1± 5.4	50.5± 4.4	50.5± 4.4	50.7± 4.7	51.4± 5.8
4000 ppm	36.9± 4.1**	37.8± 4.9**	38.7± 4.5**	40.3± 5.3**	40.4± 5.6**	40.6± 6.2**	41.2± 6.7**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0685  
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													
	70		74		78		82		86		90		94	
Control	51.9±	4.9	52.2±	4.4	52.8±	4.6	52.2±	5.7	52.4±	5.9	52.8±	5.2	50.7±	8.4
250 ppm	53.3±	5.4	52.9±	6.5	53.4±	6.9	51.3±	9.4	54.2±	6.5	53.9±	7.2	53.2±	7.6
1000 ppm	52.6±	6.2	53.4±	5.8	53.5±	6.9	54.0±	6.5	54.2±	6.4	52.8±	7.4	51.7±	8.0
4000 ppm	42.3±	6.8**	43.4±	7.2**	44.5±	7.7**	42.9±	9.2**	42.8±	7.9**	43.0±	7.7**	40.7±	9.0**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0685  
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		
	98	102	104
Control	51.3± 7.0	50.9± 7.2	50.6± 8.1
250 ppm	53.3± 7.4	51.5± 8.7	49.7± 9.4
1000 ppm	50.7± 8.8	49.0± 9.6	48.8± 9.2
4000 ppm	41.7± 7.7**	41.0± 7.8**	38.9± 8.1**

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. : 0685  
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 7

Group Name	Administration week						
	0	1	2	3	4	5	6
Control	19.0± 0.8	19.3± 1.1	19.8± 1.2	20.3± 1.0	20.7± 1.0	21.2± 1.0	21.7± 1.2
250 ppm	19.0± 0.8	19.4± 0.8	19.8± 1.0	20.4± 1.0	20.8± 1.0	21.3± 1.1	21.8± 1.3
1000 ppm	19.0± 0.8	19.5± 1.0	19.7± 1.4	20.2± 1.1	20.9± 1.3	21.5± 1.6	21.6± 1.4
4000 ppm	19.0± 0.8	19.3± 0.9	19.5± 1.0	20.1± 0.9	20.7± 0.9	21.0± 1.1	21.5± 0.9

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

Test of Dunnett

STUDY NO. : 0685  
 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					
	7	8	9	10	11	12
Control	22.1± 1.1	22.7± 1.4	22.8± 1.4	22.9± 1.3	23.5± 1.3	23.9± 1.6
250 ppm	22.3± 1.2	22.6± 1.3	22.9± 1.4	23.2± 1.6	23.2± 1.4	23.9± 1.6
1000 ppm	22.1± 1.3	22.5± 1.5	22.6± 1.8	23.1± 1.7	23.2± 1.6	23.7± 1.6
4000 ppm	21.9± 1.1	22.3± 1.1	22.4± 1.0	22.9± 1.1	23.0± 1.2	23.2± 1.3

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

Test of Dunnett

STUDY NO. : 0685  
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						
	14	18	22	26	30	34	38
Control	24.3± 1.8	25.8± 2.2	27.6± 3.2	28.7± 3.3	30.2± 3.4	31.9± 3.8	33.1± 3.8
250 ppm	24.2± 2.0	26.0± 2.3	27.9± 2.8	29.4± 3.0	30.8± 3.4	32.7± 3.6	33.8± 4.3
1000 ppm	24.4± 1.8	25.6± 2.0	27.0± 2.5	28.7± 3.2	29.8± 3.3	31.4± 3.4	32.3± 3.8
4000 ppm	23.7± 1.3	24.6± 1.4**	25.7± 1.6**	26.6± 1.9**	27.1± 2.0**	27.9± 2.0**	28.6± 2.2**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0685  
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	42	46	50	54	58	62	66
Control		33.8± 4.1	34.6± 4.5	35.3± 4.4	36.8± 4.5	36.8± 4.5	36.8± 4.5	37.1± 4.4
250 ppm		34.2± 4.0	35.3± 4.2	35.6± 4.5	36.9± 4.9	36.7± 5.0	36.9± 5.2	37.4± 4.9
1000 ppm		33.0± 3.7	33.9± 3.7	33.9± 4.2	35.4± 4.1	35.5± 4.3	35.9± 4.5	36.0± 5.2
4000 ppm		29.0± 2.2**	29.1± 2.5**	29.6± 2.6**	30.4± 2.6**	30.8± 3.4**	30.9± 3.1**	31.2± 3.0**

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

Test of Dunnett

(HAN260)

BAIS 4



STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 11

Group Name	Administration week						
	70	74	78	82	86	90	94
Control	38.0± 4.7	37.9± 4.7	38.4± 4.9	38.3± 5.0	37.8± 4.9	38.0± 4.7	37.5± 4.6
250 ppm	38.1± 5.4	37.4± 5.7	37.7± 5.8	37.4± 5.8	38.1± 5.7	37.6± 5.9	37.6± 5.5
1000 ppm	36.6± 5.8	36.5± 5.4	36.9± 5.2	37.2± 5.0	37.2± 5.2	37.4± 5.5	36.4± 5.5
4000 ppm	31.3± 3.1**	31.4± 3.1**	31.4± 3.1**	31.5± 3.3**	31.4± 3.6**	31.6± 3.4**	31.8± 3.3**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 12

Group Name	Administration week		
	98	102	104
Control	36.2± 4.8	35.5± 5.2	36.4± 4.7
250 ppm	37.4± 5.6	35.9± 5.9	35.8± 5.7
1000 ppm	36.2± 5.2	36.1± 5.6	35.7± 5.0
4000 ppm	31.8± 3.9**	30.7± 4.0**	31.1± 4.3**

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

Test of Dunnett

(HAN260)

BAIS 4

TABLE D 1

FOOD CONSUMPTION CHANGES AND  
SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

PAGE : 1

Week on Study	Control			250 ppm			1000 ppm			4000 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	4.1 (50)	50/50		4.0 (50)	98	50/50	4.0 (50)	98	50/50	3.9 (50)	95	50/50
2	3.7 (50)	50/50		3.8 (50)	103	50/50	3.8 (50)	103	50/50	3.9 (50)	105	50/50
3	3.7 (50)	50/50		3.7 (50)	100	50/50	3.8 (50)	103	50/50	3.7 (50)	100	50/50
4	3.9 (49)	49/50		3.9 (49)	100	50/50	3.9 (50)	100	50/50	3.9 (50)	100	50/50
5	4.0 (49)	49/50		3.9 (49)	98	49/50	4.0 (50)	100	50/50	4.0 (50)	100	50/50
6	4.0 (49)	49/50		4.0 (47)	100	49/50	3.9 (50)	98	50/50	3.9 (50)	98	50/50
7	4.0 (49)	49/50		4.0 (49)	100	49/50	3.9 (49)	98	50/50	4.0 (50)	100	50/50
8	4.1 (49)	49/50		4.2 (48)	102	48/50	3.9 (49)	95	50/50	3.9 (50)	95	50/50
9	4.0 (49)	49/50		4.1 (48)	103	48/50	4.0 (50)	100	50/50	4.0 (50)	100	50/50
10	4.2 (49)	49/50		4.3 (48)	102	48/50	4.4 (50)	105	50/50	4.1 (50)	98	50/50
11	4.1 (48)	48/50		4.1 (48)	100	48/50	4.2 (50)	102	50/50	4.0 (50)	98	50/50
12	4.2 (48)	48/50		4.2 (48)	100	48/50	4.1 (50)	98	50/50	4.1 (50)	98	50/50
13	4.2 (48)	48/50		4.2 (48)	100	48/50	4.2 (50)	100	50/50	4.0 (50)	95	50/50
14	4.2 (48)	48/50		4.2 (48)	100	48/50	4.2 (49)	100	50/50	4.1 (50)	98	50/50
18	4.4 (48)	48/50		4.4 (48)	100	48/50	4.3 (50)	98	50/50	4.3 (48)	98	49/50
22	4.3 (48)	48/50		4.5 (48)	105	48/50	4.4 (50)	102	50/50	4.3 (49)	100	49/50
26	4.4 (48)	48/50		4.5 (48)	102	48/50	4.4 (50)	100	50/50	4.2 (49)	95	49/50
30	4.5 (48)	48/50		4.5 (48)	100	48/50	4.3 (50)	96	50/50	4.2 (49)	93	49/50
34	4.5 (48)	48/50		4.5 (48)	100	48/50	4.4 (50)	98	50/50	4.3 (49)	96	49/50
38	4.7 (48)	48/50		4.7 (48)	100	48/50	4.6 (50)	98	50/50	4.7 (48)	100	48/50
42	4.7 (48)	48/50		4.8 (48)	102	48/50	4.7 (50)	100	50/50	4.6 (47)	98	47/50
46	4.7 (48)	48/50		4.8 (48)	102	48/50	4.5 (50)	96	50/50	4.6 (43)	98	47/50
50	4.7 (46)	47/50		4.5 (47)	96	48/50	4.5 (50)	96	50/50	4.4 (42)	94	45/50
54	4.6 (46)	46/50		4.7 (48)	102	48/50	4.7 (48)	102	48/50	4.7 (44)	102	45/50
58	4.7 (45)	45/50		4.8 (48)	102	48/50	4.7 (48)	100	48/50	4.7 (44)	100	44/50
62	4.6 (45)	45/50		4.9 (48)	107	48/50	4.6 (48)	100	48/50	4.6 (44)	100	44/50
66	4.8 (45)	45/50		4.9 (47)	102	47/50	4.8 (48)	100	48/50	4.7 (42)	98	42/50
70	4.6 (45)	45/50		4.9 (47)	107	47/50	4.9 (45)	107	46/50	4.8 (40)	104	40/50
74	4.7 (45)	45/50		4.8 (46)	102	46/50	4.8 (43)	102	44/50	5.0 (37)	106	37/50
78	4.8 (45)	45/50		4.8 (44)	100	44/50	4.9 (44)	102	44/50	4.7 (33)	98	34/50
82	4.6 (44)	44/50		4.7 (42)	102	42/50	4.8 (41)	104	41/50	4.9 (34)	107	34/50
86	5.0 (42)	42/50		4.9 (34)	98	34/50	5.0 (39)	100	39/50	5.1 (28)	102	28/50
90	4.8 (40)	40/50		5.0 (34)	104	34/50	4.8 (39)	100	39/50	4.6 (23)	96	23/50
94	4.6 (39)	39/50		4.7 (32)	102	32/50	4.8 (35)	104	35/50	4.4 (23)	96	23/50
98	4.9 (34)	34/50		5.2 (30)	106	30/50	5.0 (33)	102	33/50	5.2 (19)	106	19/50
102	4.9 (32)	32/50		4.9 (28)	100	29/50	4.8 (30)	98	32/50	4.4 (17)	90	17/50
104	4.7 (30)	31/50		4.6 (29)	98	29/50	4.6 (29)	98	29/50	4.7 (15)	100	16/50

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

TABLE D 2

FOOD CONSUMPTION CHANGES AND  
SURVIVAL ANIMAL NUMBERS: FEMALE

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

PAGE : 2

Week on Study	Control		250 ppm		1000 ppm			4000 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	3.6 (50)	50/50	3.7 (50)	103	50/50	3.7 (50)	103	50/50	3.6 (50)	100	50/50
2	3.5 (50)	50/50	3.4 (50)	97	50/50	3.3 (50)	94	50/50	3.4 (50)	97	50/50
3	3.3 (50)	50/50	3.5 (50)	106	50/50	3.4 (50)	103	50/50	3.4 (50)	103	50/50
4	3.5 (50)	50/50	3.6 (50)	103	50/50	3.6 (50)	103	50/50	3.5 (50)	100	50/50
5	3.6 (50)	50/50	3.6 (50)	100	50/50	3.6 (50)	100	50/50	3.5 (48)	97	50/50
6	3.6 (50)	50/50	3.6 (50)	100	50/50	3.6 (50)	100	50/50	3.5 (50)	97	50/50
7	3.7 (50)	50/50	3.7 (50)	100	50/50	3.7 (50)	100	50/50	3.6 (49)	97	50/50
8	3.8 (50)	50/50	3.8 (50)	100	50/50	3.8 (50)	100	50/50	3.7 (50)	97	50/50
9	3.7 (50)	50/50	3.8 (50)	103	50/50	3.8 (50)	103	50/50	3.6 (50)	97	50/50
10	3.8 (50)	50/50	3.9 (50)	103	50/50	4.0 (50)	105	50/50	3.9 (50)	103	50/50
11	3.9 (50)	50/50	3.9 (50)	100	50/50	3.8 (50)	97	50/50	3.7 (50)	95	50/50
12	3.7 (50)	50/50	3.9 (50)	105	50/50	3.7 (50)	100	50/50	3.7 (50)	100	50/50
13	3.8 (50)	50/50	3.9 (49)	103	50/50	3.9 (50)	103	50/50	3.8 (50)	100	50/50
14	3.9 (50)	50/50	3.8 (50)	97	50/50	3.9 (50)	100	50/50	3.8 (50)	97	50/50
18	4.0 (50)	50/50	4.0 (50)	100	50/50	3.8 (50)	95	50/50	3.9 (50)	98	50/50
22	4.2 (50)	50/50	4.3 (50)	102	50/50	4.1 (50)	98	50/50	4.1 (50)	98	50/50
26	3.9 (50)	50/50	4.2 (50)	108	50/50	4.2 (50)	108	50/50	4.2 (50)	108	50/50
30	4.1 (49)	49/50	4.2 (50)	102	50/50	4.1 (49)	100	49/50	4.0 (50)	98	50/50
34	4.2 (49)	49/50	4.4 (50)	105	50/50	4.1 (49)	98	49/50	4.1 (50)	98	50/50
38	4.4 (49)	49/50	4.6 (50)	105	50/50	4.4 (49)	100	49/50	4.3 (50)	98	50/50
42	4.5 (49)	49/50	4.6 (50)	102	50/50	4.5 (49)	100	49/50	4.3 (50)	96	50/50
46	4.2 (47)	49/50	4.4 (50)	105	50/50	4.5 (47)	107	49/50	4.3 (49)	102	50/50
50	4.4 (46)	49/50	4.5 (49)	102	49/50	4.6 (48)	105	49/50	4.6 (50)	105	50/50
54	4.3 (48)	48/50	4.3 (49)	100	49/50	4.4 (49)	102	49/50	4.1 (50)	95	50/50
58	4.3 (47)	47/50	4.4 (48)	102	48/50	4.4 (49)	102	49/50	4.3 (50)	100	50/50
62	4.4 (47)	47/50	4.5 (48)	102	48/50	4.6 (48)	105	48/50	4.3 (49)	98	49/50
66	4.3 (47)	47/50	4.4 (48)	102	48/50	4.6 (47)	107	47/50	4.4 (49)	102	49/50
70	4.3 (47)	47/50	4.3 (46)	100	46/50	4.3 (47)	100	47/50	4.2 (48)	98	48/50
74	4.3 (47)	47/50	4.4 (43)	102	43/50	4.4 (46)	102	46/50	4.3 (46)	100	47/50
78	4.5 (41)	42/50	4.4 (42)	98	42/50	4.6 (44)	102	44/50	4.3 (46)	96	46/50
82	4.3 (40)	40/50	4.5 (41)	105	41/50	4.4 (43)	102	44/50	4.3 (45)	100	45/50
86	4.4 (37)	37/50	4.6 (40)	105	40/50	4.6 (39)	105	39/50	4.4 (45)	100	45/50
90	4.2 (34)	34/50	4.5 (37)	107	37/50	4.6 (36)	110	36/50	4.6 (42)	110	42/50
94	4.5 (32)	32/50	4.5 (34)	100	34/50	4.9 (29)	109	30/50	4.7 (41)	104	41/50
98	4.1 (30)	30/50	4.5 (30)	110	30/50	4.6 (29)	112	29/50	4.4 (41)	107	41/50
102	4.4 (27)	27/50	4.5 (25)	102	26/50	4.8 (26)	109	26/50	4.7 (34)	107	35/50
104	4.6 (23)	23/50	4.5 (25)	98	25/50	4.6 (25)	100	25/50	4.4 (35)	96	35/50
<div>&lt; &gt;:No. of effective animals, ( ):No. of measured animals</div> <div>Av. FC. : g</div>											

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

**TABLE D 3**

**FOOD CONSUMPTION CHANGES: MALE**

STUDY NO. : 0685  
 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						
	1	2	3	4	5	6	7
Control	4.1± 0.3	3.7± 0.5	3.7± 0.5	3.9± 0.5	4.0± 0.4	4.0± 0.4	4.0± 0.4
250 ppm	4.0± 0.4	3.8± 0.6	3.7± 0.6	3.9± 0.6	3.9± 0.6	4.0± 0.5	4.0± 0.4
1000 ppm	4.0± 0.4	3.8± 0.3	3.8± 0.4	3.9± 0.3	4.0± 0.3	3.9± 0.4	3.9± 0.4
4000 ppm	3.9± 0.5**	3.9± 0.5	3.7± 0.4	3.9± 0.3	4.0± 0.3	3.9± 0.4	4.0± 0.3

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

Test of Dunnett



STUDY NO. : 0685  
 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					
	8	9	10	11	12	13
Control	4.1± 0.5	4.0± 0.6	4.2± 0.6	4.1± 0.4	4.2± 0.4	4.2± 0.3
250 ppm	4.2± 0.4	4.1± 0.5	4.3± 0.5	4.1± 0.4	4.2± 0.5	4.2± 0.4
1000 ppm	3.9± 0.5	4.0± 0.5	4.4± 0.6	4.2± 0.3	4.1± 0.4	4.2± 0.3
4000 ppm	3.9± 0.4	4.0± 0.4	4.1± 0.3*	4.0± 0.4	4.1± 0.5	4.0± 0.5

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

Test of Dunnett

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 3

Group Name	Administration week						
	18	22	26	30	34	38	42
Control	4.4± 0.4	4.3± 0.5	4.4± 0.4	4.5± 0.6	4.5± 0.6	4.7± 0.7	4.7± 0.6
250 ppm	4.4± 0.4	4.5± 0.4	4.5± 0.4	4.5± 0.5	4.5± 0.5	4.7± 0.4	4.8± 0.6
1000 ppm	4.3± 0.4	4.4± 0.4	4.4± 0.5	4.3± 0.5	4.4± 0.5	4.6± 0.4	4.7± 0.4
4000 ppm	4.3± 0.5	4.3± 0.4	4.2± 0.6	4.2± 0.4**	4.3± 0.4*	4.7± 0.6	4.6± 0.5

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0685  
 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						
	46	50	54	58	62	66	70
Control	4.7± 0.5	4.7± 0.6	4.6± 0.8	4.7± 0.6	4.6± 0.5	4.8± 0.4	4.6± 0.6
250 ppm	4.8± 0.5	4.5± 0.9	4.7± 0.4	4.8± 0.4	4.9± 0.5*	4.9± 0.6	4.9± 0.4
1000 ppm	4.5± 0.7	4.5± 0.8	4.7± 0.5	4.7± 0.6	4.6± 0.8	4.8± 0.7	4.9± 0.6
4000 ppm	4.6± 0.7	4.4± 0.6	4.7± 0.6	4.7± 0.7	4.6± 0.7	4.7± 0.5	4.8± 0.6

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

Test of Dunnett

STUDY NO. : 0685  
 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						
	74	78	82	86	90	94	98
Control	4.7± 0.7	4.8± 0.6	4.6± 0.9	5.0± 0.7	4.8± 0.7	4.6± 1.1	4.9± 0.6
250 ppm	4.8± 0.8	4.8± 0.6	4.7± 1.2	4.9± 0.7	5.0± 0.8	4.7± 0.9	5.2± 0.6
1000 ppm	4.8± 0.6	4.9± 0.5	4.8± 0.8	5.0± 0.7	4.8± 0.8	4.8± 0.8	5.0± 0.6
4000 ppm	5.0± 1.0	4.7± 0.9	4.9± 0.8	5.1± 0.9	4.6± 0.8	4.4± 0.9	5.2± 0.7

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0685  
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	
	102	104
Control	4.9± 0.8	4.7± 0.8
250 ppm	4.9± 1.0	4.6± 0.9
1000 ppm	4.8± 0.6	4.6± 0.8
4000 ppm	4.4± 0.9	4.7± 1.1

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. : 0685  
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						
	1	2	3	4	5	6	7
Control	3.6± 0.3	3.5± 0.4	3.3± 0.3	3.5± 0.2	3.6± 0.3	3.6± 0.3	3.7± 0.3
250 ppm	3.7± 0.2	3.4± 0.3	3.5± 0.3*	3.6± 0.3	3.6± 0.3	3.6± 0.4	3.7± 0.2
1000 ppm	3.7± 0.3	3.3± 0.4	3.4± 0.3	3.6± 0.3	3.6± 0.5	3.6± 0.3	3.7± 0.3
4000 ppm	3.6± 0.4	3.4± 0.4	3.4± 0.3	3.5± 0.3	3.5± 0.4	3.5± 0.3	3.6± 0.3

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

Test of Dunnett

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 8

Group Name	Administration week						
	8	9	10	11	12	13	14
Control	3.8± 0.3	3.7± 0.3	3.8± 0.3	3.9± 0.3	3.7± 0.4	3.8± 0.4	3.9± 0.3
250 ppm	3.8± 0.3	3.8± 0.3	3.9± 0.4	3.9± 0.3	3.9± 0.3	3.9± 0.4	3.8± 0.4
1000 ppm	3.8± 0.4	3.8± 0.5	4.0± 0.4	3.8± 0.3	3.7± 0.3	3.9± 0.4	3.9± 0.4
4000 ppm	3.7± 0.3	3.6± 0.4	3.9± 0.3	3.7± 0.2	3.7± 0.3	3.8± 0.3	3.8± 0.3

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

Test of Dunnett



STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 9

Group Name	Administration week						
	18	22	26	30	34	38	42
Control	4.0± 0.4	4.2± 0.6	3.9± 0.6	4.1± 0.5	4.2± 0.6	4.4± 0.6	4.5± 0.6
250 ppm	4.0± 0.5	4.3± 0.6	4.2± 0.7	4.2± 0.7	4.4± 0.5	4.6± 0.8	4.6± 0.7
1000 ppm	3.8± 0.5	4.1± 0.5	4.2± 0.8	4.1± 0.6	4.1± 0.5	4.4± 0.7	4.5± 0.6
4000 ppm	3.9± 0.4	4.1± 0.5	4.2± 0.6	4.0± 0.5	4.1± 0.5	4.3± 0.7	4.3± 0.5

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0685  
 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						
	46	50	54	58	62	66	70
Control	4.2± 0.6	4.4± 0.7	4.3± 0.7	4.3± 0.7	4.4± 0.7	4.3± 0.6	4.3± 0.7
250 ppm	4.4± 0.8	4.5± 0.7	4.3± 0.8	4.4± 0.8	4.5± 0.7	4.4± 0.6	4.3± 0.6
1000 ppm	4.5± 0.7	4.6± 0.6	4.4± 0.6	4.4± 0.7	4.6± 0.5	4.6± 0.8	4.3± 0.8
4000 ppm	4.3± 0.5	4.6± 0.8	4.1± 0.6	4.3± 0.6	4.3± 0.6	4.4± 0.5	4.2± 0.5

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0685  
 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						
	74	78	82	86	90	94	98
Control	4.3± 0.6	4.5± 0.7	4.3± 0.6	4.4± 0.6	4.2± 0.7	4.5± 0.7	4.1± 0.8
250 ppm	4.4± 0.6	4.4± 0.6	4.5± 0.8	4.6± 0.7	4.5± 0.9	4.5± 0.7	4.5± 0.6
1000 ppm	4.4± 0.8	4.6± 0.8	4.4± 0.8	4.6± 0.5	4.6± 0.8	4.9± 0.5	4.6± 0.8*
4000 ppm	4.3± 0.5	4.3± 0.5	4.3± 0.6	4.4± 0.8	4.6± 0.7	4.7± 0.6	4.4± 0.6

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0685  
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	
	102	104
Control	4.4± 1.3	4.6± 0.8
250 ppm	4.5± 1.3	4.5± 0.6
1000 ppm	4.8± 0.7	4.6± 0.9
4000 ppm	4.7± 0.9	4.4± 0.7

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

Test of Dunnett

(HAN260)

BATS 4

TABLE E 1

CHEMICAL INTAKE CHANGES: MALE

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : mg/kg/d a y  
 REPORT TYPE : A1 104  
 SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 1

Group Name	Administration (weeks)													
	1		2		3		4		5		6		7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
250 ppm	42±	3	38±	4	37±	4	37±	4	36±	4	36±	3	35±	4
1000 ppm	167±	11	153±	10	148±	11	149±	10	148±	10	142±	12	140±	11
4000 ppm	662±	75	655±	73	599±	54	609±	46	614±	39	588±	48	599±	39

(HAN300)

BAIS 4

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : mg/kg/day  
REPORT TYPE : AI 104  
SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 2

Group Name	Administration (weeks)													
	8		9		10		11		12		13		14	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
250 ppm	35±	3	34±	4	34±	4	33±	3	33±	4	32±	3	31±	4
1000 ppm	137±	12	138±	12	145±	20	138±	10	131±	12	131±	11	127±	10
4000 ppm	582±	50	583±	45	586±	45	577±	45	562±	54	556±	47	557±	56

(HAN300)

BAIS 4

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : mg/kg/day  
 REPORT TYPE : AI 104  
 SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 3

Group Name	Administration (weeks)													
	18		22		26		30		34		38		42	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
250 ppm	30±	3	29±	3	27±	3	26±	3	25±	3	25±	3	25±	3
1000 ppm	123±	13	117±	10	112±	11	105±	12	104±	10	105±	11	102±	10
4000 ppm	558±	66	537±	52	513±	67	494±	45	488±	42	522±	65	498±	50

(HAN300)

BAIS 4



STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : mg/kg/day  
REPORT TYPE : A1 104  
SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 4

Group Name	Administration (weeks)													
	46		50		54		58		62		66		70	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
250 ppm	24±	2	22±	4	22±	2	23±	2	24±	3	23±	3	23±	3
1000 ppm	95±	15	94±	15	95±	12	94±	12	92±	16	95±	22	95±	20
4000 ppm	500±	108	464±	60	469±	63	470±	66	457±	87	469±	97	461±	92

(HAN300)

BAIS 4

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : mg/kg/day  
 REPORT TYPE : AI 104  
 SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 5

Group Name	Administration (weeks)													
	74		78		82		86		90		94		98	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
250 ppm	23±	4	23±	4	23±	6	23±	4	23±	5	22±	5	25±	4
1000 ppm	90±	11	94±	21	88±	13	93±	12	91±	15	94±	15	103±	28
4000 ppm	460±	73	435±	76	472±	114	485±	106	436±	98	453±	134	512±	99

(HAN300)

BAIS 4

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : mg/kg/d a y  
REPORT TYPE : A1 104  
SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 6

Group Name	Administration (weeks)			
	102		104	
Control	0±	0	0±	0
250 ppm	23±	5	24±	6
1000 ppm	99±	27	98±	30
4000 ppm	443±	107	489±	153

(HAN300)

BAIS 4

**TABLE E 2**

**CHEMICAL INTAKE CHANGES: FEMALE**

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : mg/kg/day  
 REPORT TYPE : A1 104  
 SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 7

Group Name	Administration (weeks)													
	1		2		3		4		5		6		7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
250 ppm	48±	3	43±	3	43±	3	43±	3	43±	3	42±	3	42±	2
1000 ppm	190±	13	168±	16	166±	15	170±	12	166±	16	165±	13	167±	11
4000 ppm	753±	78	706±	67	679±	62	680±	44	657±	66	653±	54	654±	48

(HAN300)

BAIS 4

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : mg/kg/d a y  
 REPORT TYPE : A1 104  
 SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 8

Group Name	Administration (weeks)													
	8		9		10		11		12		13		14	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
250 ppm	42±	3	41±	3	42±	4	42±	3	41±	2	40±	4	40±	3
1000 ppm	167±	14	166±	18	172±	14	165±	12	158±	13	161±	14	161±	15
4000 ppm	664±	56	651±	69	682±	49	648±	42	637±	51	640±	45	644±	52

(HAN300)

BAIS 4

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : mg/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±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
250 ppm	38±	4	39±	4	36±	7	34±	6	34±	5	34±	5	34±	5
1000 ppm	148±	19	153±	20	148±	27	137±	18	133±	19	136±	20	137±	23
4000 ppm	639±	67	642±	59	634±	90	597±	62	590±	63	608±	91	590±	69

(HAN300)

BAIS 4

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : mg/kg/day  
 REPORT TYPE : AI 104  
 SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 10

Group Name	Administration (weeks)													
	46		50		54		58		62		66		70	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
250 ppm	31±	6	32±	7	29±	5	30±	6	31±	5	30±	6	29±	6
1000 ppm	134±	23	138±	23	124±	18	125±	19	131±	18	129±	24	119±	24
4000 ppm	589±	61	618±	100	545±	76	558±	76	563±	66	565±	58	537±	49

(HAN300)

BATS 4



STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : mg/kg/d a y  
REPORT TYPE : A1 104  
SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 11

Group Name	Administration (weeks)													
	74		78		82		86		90		94		98	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
250 ppm	30±	6	30±	6	31±	8	31±	8	30±	9	30±	6	30±	6
1000 ppm	120±	20	126±	22	121±	23	124±	17	124±	22	136±	19	127±	21
4000 ppm	545±	56	555±	61	542±	64	563±	103	583±	101	596±	76	554±	80

(HAN300)

BAIS 4

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : mg/kg/day  
REPORT TYPE : A1 104  
SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 12

Group Name	Administration (weeks)			
	102		104	
Control	0±	0	0±	0
250 ppm	31±	9	32±	6
1000 ppm	134±	14	129±	23
4000 ppm	610±	123	570±	102

(HAN300)

BAIS 4

TABLE F 1

HEMATOLOGY: MALE

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
MEASURE. TIME : 1  
SEX : MALE

HEMATOLOGY (SUMMARY)  
ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 1

Group Name	NO. of Animals	RED BLOOD CELL 10 <sup>6</sup> /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 <sup>5</sup> /μl	
Control	30	9.74±	1.07	13.7±	1.1	42.4±	3.1	43.7±	2.1	14.2±	0.8	32.4±	0.7	1674±	465
250 ppm	28	9.15±	1.48	13.2±	1.9	40.8±	5.5**	44.8±	2.0	14.5±	0.7*	32.4±	1.5	1804±	486
1000 ppm	28	7.47±	1.15**	12.6±	1.9**	33.4±	4.5**	45.2±	4.3	17.0±	1.4**	37.6±	2.4**	1758±	319
4000 ppm	15	5.48±	1.42**	10.5±	2.8**	27.7±	4.4**	52.4±	9.3**	19.2±	0.8**	37.7±	6.7**	1957±	675

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0685  
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 %		METHEMOGLOBIN %	
Control	30	2.5±	1.2	0.4±	0.1
250 ppm	28	3.8±	2.9**	1.0±	0.4**
1000 ppm	28	4.8±	5.0**	2.6±	0.7**
4000 ppm	15	1.8±	2.6	5.3±	2.2**

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDFl]  
 MEASURE. TIME : 1  
 SEX : MALE

HEMATOLOGY (SUMMARY)  
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 3

Group Name	NO. of Animals	WBC 10 <sup>3</sup> /μl		Differential		WBC (%)		MONO		EOSINO		BASO		OTHER	
				NEUTRO		LYMPHO									
Control	30	4.90 ±	3.03	30 ±	14	63 ±	16	4 ±	2	3 ±	1	0 ±	0	1 ±	1
250 ppm	28	4.77 ±	2.57	29 ±	14	64 ±	14	3 ±	1	3 ±	2	0 ±	0	0 ±	1
1000 ppm	28	5.76 ±	2.52	26 ±	14	67 ±	16	4 ±	1	3 ±	3	0 ±	0	0 ±	0
4000 ppm	15	5.42 ±	2.35	39 ±	17	55 ±	17	5 ±	2	2 ±	1	0 ±	0	1 ±	1

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

TABLE F 2

HEMATOLOGY: FEMALE

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
MEASURE. TIME : 1  
SEX : FEMALE

HEMATOLOGY (SUMMARY)  
ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 4

Group Name	NO. of Animals	RED BLOOD CELL 10 <sup>6</sup> /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 <sup>5</sup> /μl	
Control	23	10.01±	0.43	14.5±	0.7	44.2±	2.6	44.1±	1.3	14.5±	0.5	32.8±	0.7	1171±	235
250 ppm	25	9.05±	1.15**	13.4±	1.2**	41.1±	3.3**	45.6±	2.0**	14.8±	0.6**	32.5±	0.8	1043±	317
1000 ppm	24	7.46±	1.44**	12.0±	2.2**	34.5±	5.0**	47.1±	5.1**	16.2±	0.8**	34.6±	2.6**	965±	383
4000 ppm	34	5.97±	1.17**	11.2±	2.2**	29.9±	3.9**	51.1±	6.7**	18.8±	1.3**	37.1±	4.1**	1124±	358

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

Test of Dunnett

(HCL070)

BAIS4



STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]  
MEASURE. TIME : 1  
SEX : FEMALE

HEMATOLOGY (SUMMARY)  
ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 5

Group Name	NO. of Animals	RETICULOCYTE %		METHEMOGLOBIN %	
Control	23	2.1±	0.6	0.4±	0.1
250 ppm	25	4.0±	1.9**	0.7±	0.2**
1000 ppm	24	7.0±	5.7**	2.0±	0.6**
4000 ppm	34	3.6±	4.5	4.0±	1.5**

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
MEASURE. TIME : 1  
SEX : FEMALE

HEMATOLOGY (SUMMARY)  
ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 6

Group Name	NO. of Animals	WBC 10 <sup>3</sup> /μl		Differential		WBC (%)		MONO		EOSINO		BASO		OTHER	
				NEUTRO		LYMPHO									
Control	23	3.04±	1.23	24±	11	68±	12	3±	2	4±	2	0±	0	1±	1
250 ppm	25	3.91±	3.81	23±	9	70±	10	3±	1	3±	2	0±	0	1±	1
1000 ppm	24	3.40±	1.88	26±	13	65±	16	4±	4	3±	2	0±	0	1±	4
4000 ppm	34	13.05±	42.81	30±	16	61±	17	5±	2**	2±	2*	0±	1	2±	2

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

TABLE G 1

BIOCHEMISTRY: MALE

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : MALE

BIOCHEMISTRY (SUMMARY)  
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 1

Group Name	NO. of Animals	TOTAL PROTEIN g/dl		ALBUMIN g/dl		A/G RATIO		T-BILIRUBIN mg/dl		GLUCOSE mg/dl		T-CHOLESTEROL mg/dl		TRIGLYCERIDE mg/dl	
Control	30	5.3±	0.7	2.6±	0.4	1.0±	0.2	0.11±	0.02	185±	37	114±	55	52±	25
250 ppm	28	5.6±	0.9	2.8±	0.4	1.1±	0.2	0.12±	0.01*	188±	27	148±	85	70±	44
1000 ppm	27	5.1±	0.7	2.5±	0.4	1.0±	0.2	0.16±	0.07**	182±	44	122±	67	64±	38
4000 ppm	15	5.1±	0.8	2.5±	0.5	1.0±	0.2	0.21±	0.08**	169±	46	117±	43	65±	36

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0685  
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 I U/l		ALT I U/l		LDH I U/l		ALP I U/l		G-GTP I U/l		CK I U/l	
Control	30	199±	73	101±	136	57±	78	298±	236	208±	69	1±	1	53±	27
250 ppm	28	245±	103	73±	45	58±	72	250±	145	227±	116	1±	1	42±	11
1000 ppm	27	214±	103	93±	82	52±	53	297±	143	251±	218	1±	1	70±	70
4000 ppm	15	196±	49	147±	138	81±	109	510±	344**	203±	112	1±	1	124±	261

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

Test of Dunnett

(HCL074)

BATS 4

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : MALE

BIOCHEMISTRY (SUMMARY)  
 ALL ANIMALS (105W)

REPORT TYPE : A1

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	30	22.3±	9.8	153±	2	4.2±	0.3	121±	3	9.0±	0.6	6.3±	0.9
250 ppm	28	21.9±	2.9	152±	1	4.1±	0.3	120±	2	9.2±	0.7	5.9±	0.6
1000 ppm	27	22.3±	8.2	153±	2	4.4±	0.4	121±	3	8.9±	0.6	6.2±	1.1
4000 ppm	15	25.1±	7.3	153±	2	4.4±	0.4	121±	3	8.8±	0.7	6.2±	0.9

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

Test of Dunnett

(HCL074)

BAIS 4

**TABLE G 2**

**BIOCHEMISTRY: FEMALE**

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)  
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 4

Group Name	NO. of Animals	TOTAL PROTEIN g/dl		ALBUMIN g/dl		A/G RATIO		T-BILIRUBIN mg/dl		GLUCOSE mg/dl		T-CHOLESTEROL mg/dl		TRIGLYCERIDE mg/dl	
Control	23	4.9±	0.4	2.6±	0.2	1.1±	0.2	0.11±	0.02	154±	30	75±	14	40±	15
250 ppm	25	4.9±	0.6	2.7±	0.3	1.2±	0.2	0.12±	0.04	155±	23	88±	58	51±	27
1000 ppm	24	4.9±	0.8	2.6±	0.4	1.2±	0.3	0.15±	0.05**	155±	23	81±	25	56±	21
4000 ppm	34	5.5±	1.0**	2.9±	0.4**	1.2±	0.3	0.22±	0.09**	144±	38	96±	49	50±	41

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

Test of Dunnett

(HCL074)

BAIS 4



STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)  
 ALL ANIMALS (105#)

REPORT TYPE : A1

PAGE : 5

Group Name	NO. of Animals	PHOSPHOLIPID mg/dl		AST I U/l		ALT I U/l		LDH I U/l		ALP I U/l		G-GTP I U/l		CK I U/l	
Control	23	135±	26	122±	177	54±	71	236±	221	369±	146	0±	1	69±	64
250 ppm	25	160±	103	117±	143	59±	107	223±	144	370±	187	1±	1	54±	30
1000 ppm	24	148±	39	81±	36	31±	16	282±	203	232±	104**	0±	0	68±	56
4000 ppm	34	174±	75**	136±	124	44±	50	542±	622**	295±	113	1±	3	82±	56

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)  
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 6

Group Name	NO. of Animals	UREA NITROGEN mg/dl		SODIUM mEq/l		POTASSIUM mEq/l		CHLORIDE mEq/l		CALCIUM mg/dl		INORGANIC PHOSPHORUS mg/dl	
Control	23	16.2±	2.6	151±	2	4.0±	0.3	121±	2	8.7±	0.4	5.4±	0.8
250 ppm	25	17.6±	5.4	152±	2	4.2±	0.4	122±	3	8.9±	0.5	5.9±	1.1
1000 ppm	24	17.7±	4.9	151±	3	4.3±	0.5	121±	3	9.0±	0.7	6.3±	1.0**
4000 ppm	34	23.9±	16.0**	154±	3**	4.4±	0.8	122±	4	9.3±	0.7**	6.5±	1.6**

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

Test of Dunnett

(HCL074)

BAIS 4

TABLE H 1

URINALYSIS: MALE

## Urinalysis of male mice

In the dosed groups, ketone body could not be measured by urine test paper in some animals, because their urine were colored by metabolite of test substance.

The inspection items and number of animals that could not be measured are shown as followed.

Ketone body: 1000 ppm(2), 4000 ppm(14)

Therefore, ketone body in 4000 ppm dosed group could not be evaluated.

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
MEASURE. TIME : 1  
SEX : MALE REPORT TYPE : A1

URINALYSIS

PAGE : 1

Group Name	NO. of Animals	pH							CHI	Protein					CHI	Glucose					CHI	Ketone body					CHI	Occult blood					CHI		
		5.0	6.0	6.5	7.0	7.5	8.0	8.5		—	±	+	2+	3+		4+	—	±	+	2+		3+	4+	—	±	+		2+	3+	4+	—	±		+	2+
Control	31	0	2	4	8	8	9	0		0	0	16	13	2	0		31	0	0	0	0	0		4	22	5	0	0	0		28	1	0	1	1
250 ppm	29	0	3	8	7	7	3	1		0	2	17	9	1	0		29	0	0	0	0	0		4	24	1	0	0	0		29	0	0	0	0
1000 ppm	28	0	5	5	9	7	2	0		0	3	19	6	0	0		28	0	0	0	0	0		5	17	4	0	0	0		26	0	0	0	2
4000 ppm	16	0	3	3	2	5	3	0		1	3	7	4	1	0		16	0	0	0	0	0		0	1	1	0	0	0	?	16	0	0	0	0

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

Test of CHI SQUARE

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

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
MEASURE. TIME : 1  
SEX : MALE

URINALYSIS

REPORT TYPE : A1

PAGE : 2

Group Name	NO. of Animals	Urobilinogen					CHI
		±	+	2+	3+	4+	
Control	31	31	0	0	0	0	0
250 ppm	29	29	0	0	0	0	0
1000 ppm	28	28	0	0	0	0	0
4000 ppm	16	16	0	0	0	0	0

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

Test of CHI SQUARE

(HCL101)

BATS 4

**TABLE H 2**

**URINALYSIS: FEMALE**

## Urinalysis of female mice

In the dosed groups, ketone body could not be measured by urine test paper in some animals, because their urine were colored by metabolite of test substance.

The inspection items and number of animals that could not be measured are shown as followed.

Ketone body: 1000 ppm(2), 4000 ppm(26)



STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[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+
Control	24	0	1	3	3	10	7	0		0	1	17	6	0	0		24	0	0	0	0	0		9	14	1	0	0	0		20	0	0	0	4	
250 ppm	25	0	0	2	4	13	5	1		0	2	15	8	0	0		25	0	0	0	0	0		5	19	1	0	0	0		23	0	0	2	0	*
1000 ppm	26	0	4	2	4	9	7	0		0	4	18	4	0	0		26	0	0	0	0	0		9	15	0	0	0	0		23	0	0	2	1	
4000 ppm	35	0	13	2	4	11	5	0		0	7	26	2	0	0	*	35	0	0	0	0	0		1	8	0	0	0	0		35	0	0	0	0	*

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

Test of CHI SQUARE

(HCL101)

BATS 4

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
MEASURE. TIME : 1  
SEX : FEMALE

URINALYSIS

REPORT TYPE : A1

PAGE : 4

Group Name	NO. of Animals	Urobilinogen ± + 2+ 3+ 4+ CHII
Control	24	24 0 0 0 0
250 ppm	25	25 0 0 0 0
1000 ppm	26	26 0 0 0 0
4000 ppm	35	35 0 0 0 0

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

Test of CHI SQUARE

(HCL101)

BATS 4

**TABLE I 1**

**GROSS FINDINGS: MALE: ALL ANIMALS**

STUDY NO. : 0685  
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		250 ppm		1000 ppm		4000 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
skin/app	ulcer		0	( 0)	1	( 2)	0	( 0)	0	( 0)
	erosion		1	( 2)	0	( 0)	2	( 4)	2	( 4)
	scab		0	( 0)	0	( 0)	3	( 6)	5	( 10)
subcutis	edema		0	( 0)	1	( 2)	0	( 0)	1	( 2)
	mass		4	( 8)	0	( 0)	2	( 4)	0	( 0)
lung	white zone		1	( 2)	1	( 2)	0	( 0)	0	( 0)
	red zone		1	( 2)	0	( 0)	1	( 2)	0	( 0)
	brown zone		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	nodule		10	( 20)	7	( 14)	9	( 18)	3	( 6)
lymph node	enlarged		6	( 12)	6	( 12)	4	( 8)	2	( 4)
thymus	atrophic		1	( 2)	1	( 2)	0	( 0)	0	( 0)
spleen	enlarged		3	( 6)	0	( 0)	6	( 12)	17	( 34)
	nodule		0	( 0)	1	( 2)	5	( 10)	0	( 0)
heart	pale		0	( 0)	0	( 0)	0	( 0)	1	( 2)
	white zone		0	( 0)	0	( 0)	0	( 0)	2	( 4)
oral cavity	nodule		1	( 2)	0	( 0)	0	( 0)	0	( 0)
salivary gl	nodule		0	( 0)	0	( 0)	1	( 2)	0	( 0)
small intes	nodule		2	( 4)	1	( 2)	0	( 0)	2	( 4)
liver	enlarged		1	( 2)	0	( 0)	0	( 0)	1	( 2)
	dark		0	( 0)	0	( 0)	0	( 0)	8	( 16)
	white zone		5	( 10)	2	( 4)	4	( 8)	4	( 8)
	red zone		2	( 4)	1	( 2)	3	( 6)	0	( 0)

STUDY NO. : 0685  
 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		250 ppm		1000 ppm		4000 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
liver	nodule		16	( 32)	26	( 52)	12	( 24)	5	( 10)
	cyst		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	deformed		0	( 0)	0	( 0)	1	( 2)	0	( 0)
kidney	enlarged		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	atrophic		0	( 0)	0	( 0)	2	( 4)	0	( 0)
	small		0	( 0)	0	( 0)	0	( 0)	1	( 2)
	white zone		0	( 0)	0	( 0)	1	( 2)	4	( 8)
	nodule		0	( 0)	1	( 2)	0	( 0)	0	( 0)
	deformed		0	( 0)	0	( 0)	0	( 0)	3	( 6)
	hydronephrosis		7	( 14)	9	( 18)	3	( 6)	2	( 4)
ureter	dilated		1	( 2)	0	( 0)	0	( 0)	0	( 0)
urin bladd	nodule		0	( 0)	0	( 0)	1	( 2)	1	( 2)
	urine:marked retention		5	( 10)	7	( 14)	10	( 20)	25	( 50)
	urine:turbid		0	( 0)	0	( 0)	0	( 0)	1	( 2)
pituitary	enlarged		0	( 0)	0	( 0)	1	( 2)	0	( 0)
testis	enlarged		0	( 0)	0	( 0)	1	( 2)	0	( 0)
	small		0	( 0)	1	( 2)	0	( 0)	0	( 0)
epididymis	nodule		1	( 2)	2	( 4)	3	( 6)	1	( 2)
brain	red zone		0	( 0)	0	( 0)	1	( 2)	0	( 0)
eye	turbid		0	( 0)	1	( 2)	0	( 0)	0	( 0)
harder gl	enlarged		1	( 2)	1	( 2)	0	( 0)	0	( 0)
	nodule		1	( 2)	1	( 2)	1	( 2)	0	( 0)

STUDY NO. : 0685  
 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		250 ppm		1000 ppm		4000 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
Zymbal gl	nodule		0	( 0)	1	( 2)	0	( 0)	0	( 0)
pleura	adhesion		0	( 0)	0	( 0)	1	( 2)	0	( 0)
mediastinum	mass		1	( 2)	0	( 0)	1	( 2)	0	( 0)
peritoneum	adhesion		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	thick		1	( 2)	0	( 0)	0	( 0)	0	( 0)
retroperit	mass		0	( 0)	1	( 2)	0	( 0)	0	( 0)
	thick		0	( 0)	0	( 0)	0	( 0)	1	( 2)
abdominal c	ascites		4	( 8)	2	( 4)	3	( 6)	1	( 2)
thoracic ca	hemorrhage		0	( 0)	1	( 2)	0	( 0)	0	( 0)
	pleural fluid		3	( 6)	3	( 6)	2	( 4)	0	( 0)
other	tail nodule		0	( 0)	0	( 0)	1	( 2)	1	( 2)
whole body	anemic		1	( 2)	2	( 4)	0	( 0)	0	( 0)

**TABLE I 2**

**GROSS FINDINGS: MALE: DEAD AND MORIBUND ANIMALS**

STUDY NO. : 0685  
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	Control	250 ppm	1000 ppm	4000 ppm
		NO. of Animals	19 (%)	21 (%)	21 (%)	34 (%)
skin/app	ulcer		0 ( 0)	1 ( 5)	0 ( 0)	0 ( 0)
	erosion		0 ( 0)	0 ( 0)	2 ( 10)	2 ( 6)
	scab		0 ( 0)	0 ( 0)	3 ( 14)	3 ( 9)
subcutis	edema		0 ( 0)	1 ( 5)	0 ( 0)	1 ( 3)
	mass		2 ( 11)	0 ( 0)	1 ( 5)	0 ( 0)
lung	red zone		1 ( 5)	0 ( 0)	1 ( 5)	0 ( 0)
	brown zone		1 ( 5)	0 ( 0)	0 ( 0)	0 ( 0)
	nodule		3 ( 16)	3 ( 14)	3 ( 14)	1 ( 3)
lymph node	enlarged		3 ( 16)	1 ( 5)	1 ( 5)	1 ( 3)
thymus	atrophic		1 ( 5)	1 ( 5)	0 ( 0)	0 ( 0)
spleen	enlarged		1 ( 5)	0 ( 0)	6 ( 29)	13 ( 38)
	nodule		0 ( 0)	1 ( 5)	2 ( 10)	0 ( 0)
heart	pale		0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)
	white zone		0 ( 0)	0 ( 0)	0 ( 0)	2 ( 6)
oral cavity	nodule		1 ( 5)	0 ( 0)	0 ( 0)	0 ( 0)
salivary gl	nodule		0 ( 0)	0 ( 0)	1 ( 5)	0 ( 0)
small intes	nodule		2 ( 11)	0 ( 0)	0 ( 0)	0 ( 0)
liver	enlarged		1 ( 5)	0 ( 0)	0 ( 0)	1 ( 3)
	dark		0 ( 0)	0 ( 0)	0 ( 0)	8 ( 24)
	white zone		2 ( 11)	1 ( 5)	1 ( 5)	2 ( 6)
	red zone		1 ( 5)	0 ( 0)	1 ( 5)	0 ( 0)
	nodule		4 ( 21)	10 ( 48)	6 ( 29)	2 ( 6)



STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj: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	250 ppm		1000 ppm		4000 ppm	
			19 (%)	21 (%)		21 (%)		34 (%)	
liver	deformed		0 ( 0)	0 ( 0)		1 ( 5)		0 ( 0)	
kidney	enlarged		1 ( 5)	0 ( 0)		0 ( 0)		0 ( 0)	
	atrophic		0 ( 0)	0 ( 0)		2 ( 10)		0 ( 0)	
	small		0 ( 0)	0 ( 0)		0 ( 0)		1 ( 3)	
	white zone		0 ( 0)	0 ( 0)		0 ( 0)		4 ( 12)	
	deformed		0 ( 0)	0 ( 0)		0 ( 0)		1 ( 3)	
	hydronephrosis		4 ( 21)	5 ( 24)		1 ( 5)		2 ( 6)	
	ureter		1 ( 5)	0 ( 0)		0 ( 0)		0 ( 0)	
urin bladd	urine:marked retention		3 ( 16)	6 ( 29)		10 ( 48)		22 ( 65)	
	urine:turbid		0 ( 0)	0 ( 0)		0 ( 0)		1 ( 3)	
pituitary	enlarged		0 ( 0)	0 ( 0)		1 ( 5)		0 ( 0)	
epididymis	nodule		1 ( 5)	0 ( 0)		1 ( 5)		1 ( 3)	
brain	red zone		0 ( 0)	0 ( 0)		1 ( 5)		0 ( 0)	
mediastinum	mass		1 ( 5)	0 ( 0)		0 ( 0)		0 ( 0)	
retroperit	thick		0 ( 0)	0 ( 0)		0 ( 0)		1 ( 3)	
abdominal c	ascites		3 ( 16)	2 ( 10)		1 ( 5)		1 ( 3)	
thoracic ca	hemorrhage		0 ( 0)	1 ( 5)		0 ( 0)		0 ( 0)	
	pleural fluid		3 ( 16)	3 ( 14)		1 ( 5)		0 ( 0)	
other	tail:nodule		0 ( 0)	0 ( 0)		0 ( 0)		1 ( 3)	
whole body	anemic		1 ( 5)	2 ( 10)		0 ( 0)		0 ( 0)	

**TABLE I 3**

**GROSS FINDINGS: MALE: SACRIFICED ANIMALS**

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDFl]  
 REPORT TYPE : A1  
 SEX : MALE

GROSS FINDINGS (SUMMARY)  
 SACRIFICED ANIMALS (105W)

PAGE : 1

Organ_____	Findings_____	Group Name	Control	250 ppm	1000 ppm	4000 ppm
		NO. of Animals	31 (%)	29 (%)	29 (%)	16 (%)
skin/app	erosion		1 ( 3)	0 ( 0)	0 ( 0)	0 ( 0)
	scab		0 ( 0)	0 ( 0)	0 ( 0)	2 ( 13)
subcutis	mass		2 ( 6)	0 ( 0)	1 ( 3)	0 ( 0)
lung	white zone		1 ( 3)	1 ( 3)	0 ( 0)	0 ( 0)
	nodule		7 ( 23)	4 ( 14)	6 ( 21)	2 ( 13)
lymph node	enlarged		3 ( 10)	5 ( 17)	3 ( 10)	1 ( 6)
spleen	enlarged		2 ( 6)	0 ( 0)	0 ( 0)	4 ( 25)
	nodule		0 ( 0)	0 ( 0)	3 ( 10)	0 ( 0)
small intes	nodule		0 ( 0)	1 ( 3)	0 ( 0)	2 ( 13)
liver	white zone		3 ( 10)	1 ( 3)	3 ( 10)	2 ( 13)
	red zone		1 ( 3)	1 ( 3)	2 ( 7)	0 ( 0)
	nodule		12 ( 39)	16 ( 55)	6 ( 21)	3 ( 19)
	cyst		1 ( 3)	0 ( 0)	0 ( 0)	0 ( 0)
kidney	white zone		0 ( 0)	0 ( 0)	1 ( 3)	0 ( 0)
	nodule		0 ( 0)	1 ( 3)	0 ( 0)	0 ( 0)
	deformed		0 ( 0)	0 ( 0)	0 ( 0)	2 ( 13)
	hydronephrosis		3 ( 10)	4 ( 14)	2 ( 7)	0 ( 0)
urin bladd	nodule		0 ( 0)	0 ( 0)	1 ( 3)	1 ( 6)
	urine:marked retention		2 ( 6)	1 ( 3)	0 ( 0)	3 ( 19)
testis	enlarged		0 ( 0)	0 ( 0)	1 ( 3)	0 ( 0)
	small		0 ( 0)	1 ( 3)	0 ( 0)	0 ( 0)
epididymis	nodule		0 ( 0)	2 ( 7)	2 ( 7)	0 ( 0)

STUDY NO. : 0685  
 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		250 ppm		1000 ppm		4000 ppm	
			31	(%)	29	(%)	29	(%)	16	(%)
eye	turbid		0	( 0)	1	( 3)	0	( 0)	0	( 0)
Harder gl	enlarged		1	( 3)	1	( 3)	0	( 0)	0	( 0)
	nodule		1	( 3)	1	( 3)	1	( 3)	0	( 0)
Zymbal gl	nodule		0	( 0)	1	( 3)	0	( 0)	0	( 0)
pleura	adhesion		0	( 0)	0	( 0)	1	( 3)	0	( 0)
mediastinum	mass		0	( 0)	0	( 0)	1	( 3)	0	( 0)
peritoneum	adhesion		1	( 3)	0	( 0)	0	( 0)	0	( 0)
	thick		1	( 3)	0	( 0)	0	( 0)	0	( 0)
retroperit	mass		0	( 0)	1	( 3)	0	( 0)	0	( 0)
abdominal c	ascites		1	( 3)	0	( 0)	2	( 7)	0	( 0)
thoracic ca	pleural fluid		0	( 0)	0	( 0)	1	( 3)	0	( 0)
other	tail:nodule		0	( 0)	0	( 0)	1	( 3)	0	( 0)

**TABLE I 4**

**GROSS FINDINGS: FEMALE: ALL ANIMALS**

STUDY NO. : 0685  
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		250 ppm		1000 ppm		4000 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
skin/app	nodule		0	( 0)	1	( 2)	0	( 0)	0	( 0)
	thick		0	( 0)	1	( 2)	0	( 0)	0	( 0)
	scab		0	( 0)	0	( 0)	0	( 0)	1	( 2)
subcutis	edema		2	( 4)	3	( 6)	8	( 16)	2	( 4)
	mass		2	( 4)	3	( 6)	2	( 4)	2	( 4)
lung	red		0	( 0)	0	( 0)	1	( 2)	0	( 0)
	white zone		0	( 0)	0	( 0)	0	( 0)	1	( 2)
	nodule		1	( 2)	2	( 4)	1	( 2)	4	( 8)
lymph node	enlarged		12	( 24)	11	( 22)	12	( 24)	15	( 30)
thymus	enlarged		0	( 0)	0	( 0)	0	( 0)	1	( 2)
spleen	enlarged		13	( 26)	14	( 28)	9	( 18)	12	( 24)
	white zone		0	( 0)	1	( 2)	0	( 0)	4	( 8)
	nodule		0	( 0)	2	( 4)	1	( 2)	0	( 0)
	deformed		0	( 0)	0	( 0)	1	( 2)	2	( 4)
	accentuation of white pulp		1	( 2)	0	( 0)	0	( 0)	0	( 0)
forestomach	nodule		0	( 0)	0	( 0)	1	( 2)	0	( 0)
gl stomach	erosion		0	( 0)	1	( 2)	0	( 0)	0	( 0)
small intes	nodule		0	( 0)	0	( 0)	2	( 4)	0	( 0)
liver	enlarged		4	( 8)	1	( 2)	6	( 12)	3	( 6)
	white zone		7	( 14)	8	( 16)	9	( 18)	6	( 12)
	red zone		3	( 6)	1	( 2)	2	( 4)	2	( 4)
	nodule		6	( 12)	7	( 14)	10	( 20)	11	( 22)

STUDY NO. : 0685  
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		250 ppm		1000 ppm		4000 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
liver	rough		0	( 0)	1	( 2)	0	( 0)	0	( 0)
pancreas	nodule		0	( 0)	1	( 2)	1	( 2)	0	( 0)
kidney	enlarged		0	( 0)	0	( 0)	1	( 2)	0	( 0)
	small		0	( 0)	1	( 2)	0	( 0)	0	( 0)
	white zone		0	( 0)	0	( 0)	0	( 0)	1	( 2)
	nodule		0	( 0)	0	( 0)	3	( 6)	1	( 2)
	deformed		1	( 2)	0	( 0)	0	( 0)	5	( 10)
	granular		0	( 0)	0	( 0)	1	( 2)	0	( 0)
	hydronephrosis		2	( 4)	0	( 0)	3	( 6)	1	( 2)
urin bladd	thick		0	( 0)	1	( 2)	0	( 0)	0	( 0)
	urine:marked retention		0	( 0)	0	( 0)	1	( 2)	0	( 0)
pituitary	enlarged		1	( 2)	0	( 0)	0	( 0)	2	( 4)
	red zone		0	( 0)	0	( 0)	2	( 4)	0	( 0)
	nodule		0	( 0)	0	( 0)	2	( 4)	0	( 0)
ovary	enlarged		2	( 4)	6	( 12)	4	( 8)	3	( 6)
	cyst		3	( 6)	6	( 12)	8	( 16)	6	( 12)
uterus	nodule		8	( 16)	8	( 16)	15	( 30)	13	( 26)
	dilated lumen		0	( 0)	1	( 2)	0	( 0)	3	( 6)
brain	red zone		1	( 2)	3	( 6)	0	( 0)	0	( 0)
	black zone		0	( 0)	1	( 2)	0	( 0)	0	( 0)
Harder gl	enlarged		0	( 0)	1	( 2)	1	( 2)	1	( 2)
	nodule		0	( 0)	0	( 0)	0	( 0)	1	( 2)

STUDY NO. : 0685  
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		250 ppm		1000 ppm		4000 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
bone	nodule		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	deformed		0	( 0)	0	( 0)	1	( 2)	0	( 0)
pleura	nodule		1	( 2)	0	( 0)	0	( 0)	1	( 2)
mediastinum	mass		5	( 10)	4	( 8)	0	( 0)	2	( 4)
peritoneum	nodule		2	( 4)	0	( 0)	1	( 2)	0	( 0)
	mass		0	( 0)	1	( 2)	0	( 0)	0	( 0)
	thick		3	( 6)	2	( 4)	1	( 2)	1	( 2)
retroperit	mass		0	( 0)	0	( 0)	0	( 0)	1	( 2)
abdominal c	hemorrhage		1	( 2)	4	( 8)	2	( 4)	2	( 4)
	ascites		12	( 24)	8	( 16)	17	( 34)	17	( 34)
thoracic ca	pleural fluid		14	( 28)	15	( 30)	10	( 20)	8	( 16)
other	tail:nodule		0	( 0)	0	( 0)	0	( 0)	1	( 2)
	hindlimb:nodule		1	( 2)	0	( 0)	0	( 0)	0	( 0)



**TABLE I 5**

**GROSS FINDINGS: FEMALE: DEAD AND MORIBUND ANIMALS**

STUDY NO. : 0685  
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	250 ppm	1000 ppm	4000 ppm
			27 (%)	25 (%)	25 (%)	15 (%)
skin/app	nodule		0 ( 0)	1 ( 4)	0 ( 0)	0 ( 0)
	thick		0 ( 0)	1 ( 4)	0 ( 0)	0 ( 0)
	scab		0 ( 0)	0 ( 0)	0 ( 0)	1 ( 7)
subcutis	edema		2 ( 7)	3 ( 12)	8 ( 32)	2 ( 13)
	mass		2 ( 7)	2 ( 8)	2 ( 8)	2 ( 13)
lung	red		0 ( 0)	0 ( 0)	1 ( 4)	0 ( 0)
	nodule		1 ( 4)	2 ( 8)	1 ( 4)	1 ( 7)
lymph node	enlarged		10 ( 37)	9 ( 36)	7 ( 28)	5 ( 33)
spleen	enlarged		12 ( 44)	13 ( 52)	5 ( 20)	4 ( 27)
	nodule		0 ( 0)	1 ( 4)	1 ( 4)	0 ( 0)
	deformed		0 ( 0)	0 ( 0)	0 ( 0)	2 ( 13)
forestomach	nodule		0 ( 0)	0 ( 0)	1 ( 4)	0 ( 0)
gl stomach	erosion		0 ( 0)	1 ( 4)	0 ( 0)	0 ( 0)
small intes	nodule		0 ( 0)	0 ( 0)	1 ( 4)	0 ( 0)
liver	enlarged		4 ( 15)	1 ( 4)	6 ( 24)	1 ( 7)
	white zone		6 ( 22)	6 ( 24)	7 ( 28)	5 ( 33)
	red zone		2 ( 7)	0 ( 0)	1 ( 4)	0 ( 0)
	nodule		3 ( 11)	0 ( 0)	4 ( 16)	3 ( 20)
	rough		0 ( 0)	1 ( 4)	0 ( 0)	0 ( 0)
pancreas	nodule		0 ( 0)	1 ( 4)	1 ( 4)	0 ( 0)
kidney	nodule		0 ( 0)	0 ( 0)	2 ( 8)	0 ( 0)
	deformed		0 ( 0)	0 ( 0)	0 ( 0)	2 ( 13)

STUDY NO. : 0685  
 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	250 ppm	1000 ppm	4000 ppm
			27 (%)	25 (%)	25 (%)	15 (%)
kidney	hydronephrosis		2 ( 7)	0 ( 0)	2 ( 8)	0 ( 0)
urin bladd	thick		0 ( 0)	1 ( 4)	0 ( 0)	0 ( 0)
	urine:marked retention		0 ( 0)	0 ( 0)	1 ( 4)	0 ( 0)
pituitary	enlarged		1 ( 4)	0 ( 0)	0 ( 0)	1 ( 7)
	red zone		0 ( 0)	0 ( 0)	2 ( 8)	0 ( 0)
ovary	enlarged		2 ( 7)	5 ( 20)	4 ( 16)	3 ( 20)
	cyst		1 ( 4)	2 ( 8)	3 ( 12)	3 ( 20)
uterus	nodule		5 ( 19)	7 ( 28)	9 ( 36)	9 ( 60)
	dilated lumen		0 ( 0)	0 ( 0)	0 ( 0)	1 ( 7)
brain	red zone		1 ( 4)	3 ( 12)	0 ( 0)	0 ( 0)
	black zone		0 ( 0)	1 ( 4)	0 ( 0)	0 ( 0)
Harder gl	enlarged		0 ( 0)	1 ( 4)	0 ( 0)	1 ( 7)
bone	nodule		1 ( 4)	0 ( 0)	0 ( 0)	0 ( 0)
pleura	nodule		1 ( 4)	0 ( 0)	0 ( 0)	0 ( 0)
mediastinum	mass		5 ( 19)	2 ( 8)	0 ( 0)	1 ( 7)
peritoneum	nodule		2 ( 7)	0 ( 0)	1 ( 4)	0 ( 0)
	mass		0 ( 0)	1 ( 4)	0 ( 0)	0 ( 0)
	thick		3 ( 11)	2 ( 8)	1 ( 4)	0 ( 0)
abdominal c	hemorrhage		1 ( 4)	4 ( 16)	2 ( 8)	2 ( 13)
	ascites		11 ( 41)	6 ( 24)	8 ( 32)	5 ( 33)
thoracic ca	pleural fluid		14 ( 52)	15 ( 60)	10 ( 40)	2 ( 13)
other	hindlimb:nodule		1 ( 4)	0 ( 0)	0 ( 0)	0 ( 0)

**TABLE I 6**

**GROSS FINDINGS: FEMALE: SACRIFICED ANIMALS**

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDf1]  
REPORT TYPE : A1  
SEX : FEMALE

GROSS FINDINGS (SUMMARY)  
SACRIFICED ANIMALS (105W)

PAGE : 3

Organ_____	Findings_____	Group Name	Control	250 ppm	1000 ppm	4000 ppm
		NO. of Animals	23 (%)	25 (%)	25 (%)	35 (%)
subcutis	mass		0 ( 0)	1 ( 4)	0 ( 0)	0 ( 0)
lung	white zone		0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)
	nodule		0 ( 0)	0 ( 0)	0 ( 0)	3 ( 9)
lymph node	enlarged		2 ( 9)	2 ( 8)	5 ( 20)	10 ( 29)
thymus	enlarged		0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)
spleen	enlarged		1 ( 4)	1 ( 4)	4 ( 16)	8 ( 23)
	white zone		0 ( 0)	1 ( 4)	0 ( 0)	4 ( 11)
	nodule		0 ( 0)	1 ( 4)	0 ( 0)	0 ( 0)
	deformed		0 ( 0)	0 ( 0)	1 ( 4)	0 ( 0)
	accentuation of white pulp		1 ( 4)	0 ( 0)	0 ( 0)	0 ( 0)
small intes	nodule		0 ( 0)	0 ( 0)	1 ( 4)	0 ( 0)
liver	enlarged		0 ( 0)	0 ( 0)	0 ( 0)	2 ( 6)
	white zone		1 ( 4)	2 ( 8)	2 ( 8)	1 ( 3)
	red zone		1 ( 4)	1 ( 4)	1 ( 4)	2 ( 6)
	nodule		3 ( 13)	7 ( 28)	6 ( 24)	8 ( 23)
kidney	enlarged		0 ( 0)	0 ( 0)	1 ( 4)	0 ( 0)
	small		0 ( 0)	1 ( 4)	0 ( 0)	0 ( 0)
	white zone		0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)
	nodule		0 ( 0)	0 ( 0)	1 ( 4)	1 ( 3)
	deformed		1 ( 4)	0 ( 0)	0 ( 0)	3 ( 9)
	granular		0 ( 0)	0 ( 0)	1 ( 4)	0 ( 0)
	hydronephrosis		0 ( 0)	0 ( 0)	1 ( 4)	1 ( 3)

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

GROSS FINDINGS (SUMMARY)  
 SACRIFICED ANIMALS (105W)

PAGE : 4

Organ_____	Findings_____	Group Name	Control	250 ppm	1000 ppm	4000 ppm
		NO. of Animals	23 (%)	25 (%)	25 (%)	35 (%)
pituitary	enlarged		0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)
	nodule		0 ( 0)	0 ( 0)	2 ( 8)	0 ( 0)
ovary	enlarged		0 ( 0)	1 ( 4)	0 ( 0)	0 ( 0)
	cyst		2 ( 9)	4 ( 16)	5 ( 20)	3 ( 9)
uterus	nodule		3 ( 13)	1 ( 4)	6 ( 24)	4 ( 11)
	dilated lumen		0 ( 0)	1 ( 4)	0 ( 0)	2 ( 6)
Harder gl	enlarged		0 ( 0)	0 ( 0)	1 ( 4)	0 ( 0)
	nodule		0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)
bone	deformed		0 ( 0)	0 ( 0)	1 ( 4)	0 ( 0)
pleura	nodule		0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)
mediastinum	mass		0 ( 0)	2 ( 8)	0 ( 0)	1 ( 3)
peritoneum	thick		0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)
retroperit	mass		0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)
abdominal c	ascites		1 ( 4)	2 ( 8)	9 ( 36)	12 ( 34)
thoracic ca	pleural fluid		0 ( 0)	0 ( 0)	0 ( 0)	6 ( 17)
other	tail:nodule		0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)

TABLE J 1

ORGAN WEIGHT, ABSOLUTE: MALE

STUDY NO. : 0685  
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	30	47.2± 7.4	0.009±	0.002	0.218±	0.028	0.225±	0.018	0.196±	0.048	0.645±	0.091
250 ppm	28	47.2± 9.1	0.009±	0.002	0.212±	0.032	0.231±	0.022	0.235±	0.186	0.620±	0.078
1000 ppm	28	46.0± 8.2	0.010±	0.002	0.270±	0.212	0.238±	0.025	0.250±	0.191	0.812±	1.020
4000 ppm	15	36.8± 7.5**	0.009±	0.002	0.223±	0.023	0.255±	0.039**	0.250±	0.206	0.624±	0.065

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

Test of Dunnett

(HCL040)

BAIS 4



STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE  
UNIT: g

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

PAGE : 2

Group Name	NO. of Animals	SPLEEN		LIVER		BRAIN	
Control	30	0.122±	0.111	1.765±	0.566	0.465±	0.016
250 ppm	28	0.118±	0.048	1.970±	0.777	0.455±	0.014*
1000 ppm	28	0.215±	0.224**	1.821±	0.505	0.462±	0.013
4000 ppm	15	0.353±	0.480**	1.954±	0.476	0.472±	0.012

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

Test of Dunnett

(ICL040)

BATS 4

**TABLE J 2**

**ORGAN WEIGHT, ABSOLUTE: FEMALE**

STUDY NO. : 0685  
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	23	33.8± 4.8	0.013±	0.002	0.044±	0.050	0.164±	0.014	0.171±	0.019	0.408±	0.053
250 ppm	25	33.5± 5.8	0.013±	0.002	0.105±	0.171	0.168±	0.014	0.177±	0.021	0.410±	0.065
1000 ppm	24	33.8± 5.2	0.013±	0.002	0.093±	0.173	0.182±	0.026*	0.182±	0.019*	0.525±	0.284**
4000 ppm	34	28.6± 3.9**	0.012±	0.002	0.045±	0.055	0.183±	0.021**	0.194±	0.051**	0.640±	1.092**

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

Test of Dunnett

(HCL040)

BAIS 4

STUDY NO. : 0685  
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	23	0.125±	0.110	1.419±	0.648	0.472±	0.013
250 ppm	25	0.207±	0.160**	1.557±	0.690	0.470±	0.012
1000 ppm	24	0.251±	0.181**	1.827±	1.038**	0.477±	0.014
4000 ppm	34	0.333±	0.453**	1.872±	1.282**	0.474±	0.017

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

Test of Dunnett

(ICL040)

BAIS 4

TABLE K 1

ORGAN WEIGHT, RELATIVE: MALE

STUDY NO. : 0685  
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	30	47.2± 7.4	0.020± 0.005	0.471± 0.091	0.490± 0.101	0.428± 0.145	1.402± 0.327
250 ppm	28	47.2± 9.1	0.020± 0.007	0.466± 0.117	0.511± 0.137	0.580± 0.776	1.359± 0.285
1000 ppm	28	46.0± 8.2	0.022± 0.007	0.604± 0.480	0.534± 0.123	0.562± 0.446	1.752± 1.908
4000 ppm	15	36.8± 7.5**	0.026± 0.008*	0.632± 0.157**	0.719± 0.174**	0.724± 0.667**	1.745± 0.304**

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

Test of Dunnett

(HCL042)

BAIS 4

STUDY NO. : 0685  
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	30	0.275± 0.272	3.848± 1.590	1.011± 0.189
250 ppm	28	0.269± 0.159	4.652± 3.270	1.006± 0.236
1000 ppm	28	0.483± 0.489**	4.088± 1.528	1.040± 0.214
4000 ppm	15	1.061± 1.541**	5.506± 1.795**	1.331± 0.265**

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. : 0685  
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	23	33.8± 4.8	0.039± 0.006	0.139± 0.177	0.490± 0.056	0.517± 0.098	1.226± 0.223
250 ppm	25	33.5± 5.8	0.039± 0.005	0.315± 0.496	0.512± 0.071	0.542± 0.111	1.248± 0.228
1000 ppm	24	33.8± 5.2	0.039± 0.007	0.287± 0.543	0.543± 0.068*	0.548± 0.096	1.600± 1.017**
4000 ppm	34	28.6± 3.9**	0.043± 0.008	0.158± 0.197	0.653± 0.108**	0.686± 0.178**	2.179± 3.411**

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

Test of Dunnett

(HCL042)

BATS 4

STUDY NO. : 0685  
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	23	0.376± 0.339	4.302± 2.250	1.423± 0.197
250 ppm	25	0.625± 0.475**	4.789± 2.580	1.440± 0.249
1000 ppm	24	0.775± 0.583**	5.435± 2.856	1.440± 0.202
4000 ppm	34	1.117± 1.189**	6.365± 3.181*	1.688± 0.217**

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. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 1.

Organ	Findings	Group Name No. of Animals on Study				Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
		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>				<50>			
	ulcer	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )
	erosion	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 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )
	inflammation	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	squamous cell hyperplasia	1	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 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	scab	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	4	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 4 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )
subcutis		<50>				<50>				<50>				<50>				<50>			
	inflammation	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
		( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
{Respiratory system}																					
nasal cavit		<50>				<50>				<50>				<50>				<50>			
	exudate	0	1	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 )	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 2

		Group Name No. of Animals on Study				Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
Organ_____	Findings_____	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:olfactory epithelium	11 ( 22 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	11 ( 22 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	8 ( 16 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	2 ( 4 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 *			
	eosinophilic change:respiratory epithelium	15 ( 30 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	16 ( 32 )	6 ( 12 )	1 ( 2 )	0 ( 0 )	13 ( 26 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	8 ( 16 )	2 ( 4 )	0 ( 0 )	0 ( 0 )	0			
	respiratory metaplasia:olfactory epithelium	11 ( 22 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	8 ( 16 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	4 ( 8 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	2 ( 4 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 *			
	respiratory metaplasia:gland	8 ( 16 )	2 ( 4 )	0 ( 0 )	0 ( 0 )	9 ( 18 )	4 ( 8 )	0 ( 0 )	0 ( 0 )	10 ( 20 )	2 ( 4 )	0 ( 0 )	0 ( 0 )	4 ( 8 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0			
	atrophy:olfactory epithelium	1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0			
nasopharynx		<50>				<50>				<50>				<50>							
	eosinophilic change	1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	2 ( 4 )	0 ( 0 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	3 ( 6 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0			
larynx		<50>				<50>				<50>				<50>							
	arthritis	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 )	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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 3

Organ	Findings	Group Name No. of Animals on Study Grade	Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
lung			<50>				<50>				<50>				<50>			
	congestion		0	1	0	0	1	0	0	0	0	0	0	0	0	3	0	0
			( 0 )	( 2 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )
	hemorrhage		0	1	0	0	0	0	0	0	1	2	0	0	0	1	0	0
			( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 4 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )
	squamous cell metaplasia		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 )
	accumulation of foamy cells		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	bronchiolar-alveolar cell hyperplasia		0	0	0	0	3	0	0	0	0	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )
	uremic pneumonitis		0	0	0	0	0	1	0	0	0	3	0	0	2	7	0	0 **
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 4 )	( 14 )	( 0 )	( 0 )
	accumulation:macrophage		0	0	0	0	1	0	0	0	0	1	0	0	1	2	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 2 )	( 4 )	( 0 )	( 0 )
	degeneration:blood vessel		0	0	0	0	0	1	0	0	0	1	0	0	1	2	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 2 )	( 4 )	( 0 )	( 0 )

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

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Crj[BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 4

Organ_____	Findings_____	Group Name	Control				250 ppm				1000 ppm				4000 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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
bone marrow	increased hematopoiesis		<50>				<50>				<50>				<50>			
		10	0	0	0	12	0	0	0	12	0	0	0	32	0	0	0	0 **
			( 20)	( 0)	( 0)	( 0)	( 24)	( 0)	( 0)	( 0)	( 24)	( 0)	( 0)	( 0)	( 64)	( 0)	( 0)	( 0)
	granulopoiesis:increased		8	0	0	0	5	0	0	0	9	0	0	0	10	0	0	0
		( 16)	( 0)	( 0)	( 0)	( 10)	( 0)	( 0)	( 0)	( 18)	( 0)	( 0)	( 0)	( 20)	( 0)	( 0)	( 0)	
lymph node	lymphadenitis		<50>				<50>				<50>				<50>			
		0	0	0	0	2	0	0	0	2	0	0	0	1	0	0	0	
			( 0)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)
thymus	atrophy		<50>				<50>				<50>				<50>			
		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)	( 0)	( 0)
spleen	atrophy		<50>				<50>				<50>				<50>			
		0	3	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)	
	thrombus		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)	( 0)	
	deposit of hemosiderin		5	0	0	0	41	1	0	0 **	43	2	0	0 **	36	2	0	0 **
		( 10)	( 0)	( 0)	( 0)	( 82)	( 2)	( 0)	( 0)	( 86)	( 4)	( 0)	( 0)	( 72)	( 4)	( 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. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 5

Organ	Findings	Group Name	Control				250 ppm				1000 ppm				4000 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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
spleen			<50>				<50>				<50>				<50>			
	extramedullary hematopoiesis	16 ( 32)	4 ( 8)	0 ( 0)	0 ( 0)	21 ( 42)	5 ( 10)	0 ( 0)	0 ( 0)	16 ( 32)	17 ( 34)	1 ( 2)	0 ** ( 0)	11 ( 22)	32 ( 64)	0 ( 0)	0 ( 0)	0 ** ( 0)
	engorgement of erythrocyte	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	4 ( 8)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
	follicular hyperplasia	2 ( 4)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 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)
(Circulatory system)																		
heart			<50>				<50>				<50>				<50>			
	thrombus	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 4)	0 ( 0)	0 ( 0)	0 ( 0)	3 ( 6)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 4)	2 ( 4)	1 ( 2)	0 ( 0)	0 ( 0)
	mineralization	4 ( 8)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 4)	1 ( 2)	0 ( 0)	0 ( 0)	4 ( 8)	0 ( 0)	0 ( 0)	0 ( 0)	3 ( 6)	2 ( 4)	0 ( 0)	0 ( 0)	0 ( 0)
	degeneration	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
	myocardial fibrosis	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	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)
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. : 0685  
 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 No. of Animals on Study Grade	Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Circulatory system)																		
heart	arteritis		<50>				<50>				<50>				<50>			
			0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Digestive system)																		
oral cavity	squamous cell hyperplasia		<50>				<50>				<50>				<50>			
			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 )
tooth	dysplasia		<50>				<50>				<50>				<50>			
			0	3	1	0	1	1	1	0	0	1	1	0	0	0	0	0
			( 0 )	( 6 )	( 2 )	( 0 )	( 2 )	( 2 )	( 2 )	( 0 )	( 0 )	( 2 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
tongue	arteritis		<50>				<50>				<50>				<50>			
			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 )
stomach	atrophy:glandular mucosa		<50>				<50>				<50>				<50>			
			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 )
	hyperplasia:forestomach		6	0	0	0	3	0	0	0	1	0	0	0	1	0	0	0
			( 12 )	( 0 )	( 0 )	( 0 )	( 6 )	( 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. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 7

Organ_____	Findings_____	Group Name	Control				250 ppm				1000 ppm				4000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
stomach			<50>				<50>				<50>				<50>			
	erosion:glandular stomach		1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0
			( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )
	ulcer:glandular stomach		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 )	
	hyperplasia:glandular stomach		8	0	0	0	10	0	0	0	8	0	0	0	3	0	0	0
			( 16 )	( 0 )	( 0 )	( 0 )	( 20 )	( 0 )	( 0 )	( 0 )	( 16 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )
small intes			<50>				<50>				<50>				<50>			
	inflammation		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )
liver			<50>				<50>				<50>				<50>			
	angiectasis		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 )
	necrosis:central		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 )
	necrosis:focal		2	0	0	0	0	1	2	0	1	2	0	0	4	3	0	0
			( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 4 )	( 0 )	( 2 )	( 4 )	( 0 )	( 0 )	( 8 )	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 8

Organ	Findings	Group Name No. of Animals on Study Grade	Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
liver	deposit of hemosiderin		<50>				<50>				<50>				<50>			
			0	0	0	0	0	0	0	0	8	0	0	0	40	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 16 )	( 0 )	( 0 )	( 0 )	( 80 )	( 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 )
	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 )
	scar		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 )
	extramedullary hematopoiesis		0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 2 )	( 0 )	( 0 )
	clear cell focus		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 )
	acidophilic cell focus		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 )
	basophilic cell focus		2	1	0	0	2	1	0	0	1	0	0	0	0	0	0	0
			( 4 )	( 2 )	( 0 )	( 0 )	( 4 )	( 2 )	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 9

		Group Name	Control				250 ppm				1000 ppm				4000 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		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 )
	hepatocellular hypertrophy:central		0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0 *
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 14 )	( 0 )	( 0 )	( 0 )
{Urinary system}																		
kidney			<50>				<50>				<50>				<50>			
	cyst		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )
	hyaline droplet		2	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )
	deposit of hemosiderin		1	0	0	0	0	0	0	0	0	0	0	0	33	0	0	0 **
			( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 66 )	( 0 )	( 0 )	( 0 )
	hyaline cast		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 )
	inflammation		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )

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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 10

Organ	Findings	Group Name No. of Animals on Study Grade	Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
(Urinary system)																		
kidney			<50>				<50>				<50>				<50>			
	lymphocytic infiltration		1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)
	scar		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)	3 ( 6)	0 ( 0)	0 ( 0)
	inflammatory polyp		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)	1 ( 2)	0 ( 0)	0 ( 0)
	hydronephrosis		0 ( 0)	5 ( 10)	2 ( 4)	1 ( 2)	0 ( 0)	6 ( 12)	2 ( 4)	1 ( 2)	0 ( 0)	2 ( 4)	3 ( 6)	0 ( 0)	0 ( 0)	1 ( 2)	2 ( 4)	0 ( 0)
	pyelonephritis		0 ( 0)	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)	2 ( 4)	0 ( 0)
	papillary necrosis		0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 4)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)
	mineralization:pelvis		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)
	mineralization:cortex		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)
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. : 0685  
 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 No. of Animals on Study Grade				Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																					
kidney		<50>				<50>				<50>				<50>				<50>			
	dilatation:tubular lumen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 2 )	( 0 )
	glomerulosclerosis	0	0	0	0	0	1	1	0	0	0	1	0	0	0	1	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	regeneration:proximal tubule	12	0	0	0	14	0	0	0	8	0	0	0	10	2	0	0	10	2	0	0
		( 24 )	( 0 )	( 0 )	( 0 )	( 28 )	( 0 )	( 0 )	( 0 )	( 16 )	( 0 )	( 0 )	( 0 )	( 20 )	( 4 )	( 0 )	( 0 )	( 20 )	( 4 )	( 0 )	( 0 )
ureter		<50>				<50>				<50>				<50>				<50>			
	dilatation	0	1	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 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
urin bladd		<50>				<50>				<50>				<50>				<50>			
	dilatation	0	4	0	0	0	7	0	0	0	10	0	0	2	25	0	0	2	25	0	0 **
		( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 14 )	( 0 )	( 0 )	( 0 )	( 20 )	( 0 )	( 0 )	( 4 )	( 50 )	( 0 )	( 0 )	( 4 )	( 50 )	( 0 )	( 0 )
	simple hyperplasia:transitional epithelium	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
		( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )
	xanthogranuloma	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		( 2 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 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. : 0685  
ANIMAL : MOUSE B6D2F1/Crj[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 12

		Group Name	Control				250 ppm				1000 ppm				4000 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
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																		
urin bladd			<50>				<50>				<50>				<50>			
	hyaline droplet degeneration:superficial cell of transitional epithelium		0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0 **
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 24 )	( 0 )	( 0 )	( 0 )
urethra			<50>				<50>				<50>				<50>			
	inflammation		0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0 *
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 14 )	( 0 )	( 0 )
(Endocrine system)																		
pituitary			<50>				<49>				<49>				<50>			
	cyst		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	hyperplasia		0	0	0	0	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 )
	Rathke pouch		2	0	0	0	2	0	0	0	1	0	0	0	2	0	0	0
			( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )
parathyroid			<50>				<50>				<50>				<50>			
	embryonal rest		2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 4 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 13

Organ	Findings	Group Name No. of Animals on Study				Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
		Grade				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Endocrine system)																					
adrenal		<50>				<50>				<50>				<50>				<50>			
	focal fatty change:cortex	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 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Reproductive system)																					
testis		<50>				<50>				<50>				<50>				<50>			
	atrophy	2	0	0	0	2	1	1	0	3	1	0	0	0	0	0	0	0	0	0	0
		( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 2 )	( 2 )	( 0 )	( 6 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	mineralization	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
epididymis		<50>				<50>				<50>				<50>				<50>			
	inflammation	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 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	spermatogenic granuloma	1	0	0	0	2	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
		( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 2 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
prostate		<50>				<50>				<50>				<50>				<50>			
	inflammation	0	2	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	7	0	0
		( 0 )	( 4 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 14 )	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 14

		Group Name	Control				250 ppm				1000 ppm				4000 ppm			
		No. of Animals on Study	50				50				50				50			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																		
prep/cli gl			<50>				<50>				<50>				<50>			
	duct ectasia		0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
{Nervous system}																		
brain			<50>				<50>				<50>				<50>			
	hemorrhage		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	mineralization		11	0	0	0	12	1	0	0	14	0	0	0	15	0	0	0
			( 22 )	( 0 )	( 0 )	( 0 )	( 24 )	( 2 )	( 0 )	( 0 )	( 28 )	( 0 )	( 0 )	( 0 )	( 30 )	( 0 )	( 0 )	( 0 )
spinal cord			<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 )
{Special sense organs/appendage}																		
eye			<50>				<50>				<50>				<50>			
	keratitis		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe  
 < a > a : Number of animals examined at the site  
 b 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Crj[BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 15

Organ	Findings	Group Name No. of Animals on Study				Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
		Grade																			
		1	2	3	4	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>				<50>			
	squamous cell metaplasia:cornea	0	0	0	0	1	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 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
Harder gl		<49>				<50>				<50>				<50>				<50>			
	degeneration	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 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	lymphocytic infiltration	2	0	0	0	1	0	0	0	1	0	0	0	2	0	0	0	2	0	0	0
		( 4 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )
(Musculoskeletal system)																					
muscle		<50>				<50>				<50>				<50>				<50>			
	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 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	inflammatory infiltration	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )
(Body cavities)																					
retroperit		<50>				<50>				<50>				<50>				<50>			
	inflammatory infiltration	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 )	( 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

TABLE L 2

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

MALE: DEAD AND MORIBUND ANIMALS

STUDY NO. : 0685  
 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

Organ_____	Findings_____	Group Name	Control				250 ppm				1000 ppm				4000 ppm			
		No. of Animals on Study	19				21				21				34			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Integumentary system/appandage)																		
skin/app	ulcer	<19>				<21>				<21>				<34>				
		0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	
	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	
	erosion	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 )	( 6 )	( 0 )	( 0 )		
inflammation	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0		
	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )		
scab	0	0	0	0	0	0	0	0	0	3	2	0	0	0	2	0	0	
	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 14 )	( 10 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	
subcutis	inflammation	<19>				<21>				<21>				<34>				
		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
(Respiratory system)																		
nasal cavit	eosinophilic change:olfactory epithelium	<19>				<21>				<21>				<34>				
		3	0	0	0	2	0	0	0	2	0	0	0	1	0	0	0	
		( 16 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 10 )	( 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 ≤ 0.05 \*\* : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0685  
 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 19				250 ppm 21				1000 ppm 21				4000 ppm 34			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																					
nasal cavit	eosinophilic change:respiratory epithelium	6 ( 32)	0 ( 0)	0 ( 0)	0 ( 0)	6 ( 29)	1 ( 5)	0 ( 0)	0 ( 0)	4 ( 19)	0 ( 0)	0 ( 0)	0 ( 0)	6 ( 18)	2 ( 6)	0 ( 0)	0 ( 0)				
	respiratory metaplasia:olfactory epithelium	4 ( 21)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 10)	0 ( 0)	0 ( 0)	0 ( 0)	3 ( 14)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 6)	0 ( 0)	0 ( 0)	0 ( 0)				
	respiratory metaplasia:gland	4 ( 21)	0 ( 0)	0 ( 0)	0 ( 0)	4 ( 19)	1 ( 5)	0 ( 0)	0 ( 0)	7 ( 33)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 6)	0 ( 0)	0 ( 0)	0 ( 0)				
	atrophy:olfactory epithelium	1 ( 5)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)				
nasopharynx	eosinophilic change	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)				
lung	congestion	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)	3 ( 9)	0 ( 0)	0 ( 0)				
	hemorrhage	0 ( 0)	1 ( 5)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 5)	2 ( 10)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)	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. : 0685  
 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

Organ	Findings	Group Name No. of Animals on Study Grade	Control 19				250 ppm 21				1000 ppm 21				4000 ppm 34			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																		
lung	squamous cell metaplasia		<19>				<21>				<21>				<34>			
			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 )
	uremic pneumonitis		0	0	0	0	0	1	0	0	0	3	0	0	2	7	0	0 *
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 14 )	( 0 )	( 0 )	( 6 )	( 21 )	( 0 )	( 0 )
	accumulation:macrophage		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 )
	degeneration:blood vessel		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 )
(Hematopoietic system)																		
bone marrow	increased hematopoiesis		<19>				<21>				<21>				<34>			
			9	0	0	0	10	0	0	0	11	0	0	0	24	0	0	0
			( 47 )	( 0 )	( 0 )	( 0 )	( 48 )	( 0 )	( 0 )	( 0 )	( 52 )	( 0 )	( 0 )	( 0 )	( 71 )	( 0 )	( 0 )	( 0 )
	granulopoiesis:increased		5	0	0	0	4	0	0	0	7	0	0	0	9	0	0	0
			( 26 )	( 0 )	( 0 )	( 0 )	( 19 )	( 0 )	( 0 )	( 0 )	( 33 )	( 0 )	( 0 )	( 0 )	( 26 )	( 0 )	( 0 )	( 0 )
lymph node	lymphadenitis		<19>				<21>				<21>				<34>			
			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 )	( 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 ≤ 0.05 \*\* : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 4

Organ	Findings	Group Name No. of Animals on Study Grade				Control 19				250 ppm 21				1000 ppm 21				4000 ppm 34			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																					
thymus	atrophy	<19>				<21>				<21>				<34>							
		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 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
spleen	atrophy	<19>				<21>				<21>				<34>							
		0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 16 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	thrombus	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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 )
	deposit of hemosiderin	2	0	0	0	15	1	0	0 **	17	0	0	0 **	23	1	0	0 **				
		( 11 )	( 0 )	( 0 )	( 0 )	( 71 )	( 5 )	( 0 )	( 0 )	( 81 )	( 0 )	( 0 )	( 0 )	( 68 )	( 3 )	( 0 )	( 0 )				
	extramedullary hematopoiesis	7	4	0	0	8	3	0	0	4	12	1	0	7	24	0	0 **				
		( 37 )	( 21 )	( 0 )	( 0 )	( 38 )	( 14 )	( 0 )	( 0 )	( 19 )	( 57 )	( 5 )	( 0 )	( 21 )	( 71 )	( 0 )	( 0 )				
	follicular hyperplasia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )				
(Circulatory system)																					
heart	thrombus	<19>				<21>				<21>				<34>							
		1	0	0	0	2	0	0	0	3	0	0	0	2	2	1	0				
		( 5 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 14 )	( 0 )	( 0 )	( 0 )	( 6 )	( 6 )	( 3 )	( 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. : 0685  
 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 19				250 ppm 21				1000 ppm 21				4000 ppm 34			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Circulatory system)																		
heart	mineralization		<19>				<21>				<21>				<34>			
			3	0	0	0	2	1	0	0	4	0	0	0	3	2	0	0
			( 16 )	( 0 )	( 0 )	( 0 )	( 10 )	( 5 )	( 0 )	( 0 )	( 19 )	( 0 )	( 0 )	( 0 )	( 9 )	( 6 )	( 0 )	( 0 )
	degeneration		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 )
	myocardial fibrosis		1	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
			( 5 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	arteritis		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Digestive system)																		
oral cavity	squamous cell hyperplasia		<19>				<21>				<21>				<34>			
			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
tooth	dysplasia		<19>				<21>				<21>				<34>			
			0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe  
 < a > a : Number of animals examined at the site  
 b 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. : 0685  
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 19				250 ppm 21				1000 ppm 21				4000 ppm 34			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
tongue	arteritis		<19>				<21>				<21>				<34>			
		0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
stomach	atrophy:glandular mucosa		<19>				<21>				<21>				<34>			
		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	hyperplasia:forestomach		3	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0
			( 16 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )
	erosion:glandular stomach		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 )	( 6 )	( 0 )	( 0 )	( 0 )	
liver	hyperplasia:glandular stomach		0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )
	necrosis:central		<19>				<21>				<21>				<34>			
		0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	necrosis:focal		2	0	0	0	0	1	2	0	1	1	0	0	3	2	0	0
		( 11 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 10 )	( 0 )	( 5 )	( 5 )	( 0 )	( 0 )	( 9 )	( 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. : 0685  
 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 19				250 ppm 21				1000 ppm 21				4000 ppm 34			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
liver			<19>				<21>				<21>				<34>			
	deposit of hemosiderin		0	0	0	0	0	0	0	0	2	0	0	0	24	0	0	0 **
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 71 )	( 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 )	( 3 )	( 0 )	( 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 )	( 3 )	( 0 )	( 0 )	( 0 )
	basophilic cell focus		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
{Urinary system}																		
kidney			<19>				<21>				<21>				<34>			
	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 )	( 3 )	( 0 )	( 0 )	( 0 )
	hyaline droplet		2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 11 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )
	deposit of hemosiderin		1	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0 **
			( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 71 )	( 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. : 0685  
 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 No. of Animals on Study Grade	Control 19				250 ppm 21				1000 ppm 21				4000 ppm 34			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney			<19>				<21>				<21>				<34>			
	inflammation		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )
	scar		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 )
	inflammatory polyp		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 )
	hydronephrosis		0	2	2	1	0	2	2	1	0	1	2	0	0	1	2	0
			( 0 )	( 11 )	( 11 )	( 5 )	( 0 )	( 10 )	( 10 )	( 5 )	( 0 )	( 5 )	( 10 )	( 0 )	( 0 )	( 3 )	( 6 )	( 0 )
	pyelonephritis		0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 6 )	( 0 )
	mineralization:pelvis		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	dilatation:tubular lumen		0	0	0	0	0	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 )
	glomerulosclerosis		0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 5 )	( 0 )	( 0 )	( 0 )	( 5 )	( 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. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 9

		Group Name No. of Animals on Study	Control 19				250 ppm 21				1000 ppm 21				4000 ppm 34			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
{Urinary system}																		
kidney	regeneration:proximal tubule		<19>				<21>				<21>				<34>			
		0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )
ureter	dilatation		<19>				<21>				<21>				<34>			
		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
urin bladd	dilatation		<19>				<21>				<21>				<34>			
		0	3	0	0	0	6	0	0	0	10	0	0	0	24	0	0	0 **
		( 0 )	( 16 )	( 0 )	( 0 )	( 0 )	( 29 )	( 0 )	( 0 )	( 0 )	( 48 )	( 0 )	( 0 )	( 0 )	( 71 )	( 0 )	( 0 )	( 0 )
	hyaline droplet degeneration:superficial cell of transitional epithelium		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 )	( 6 )	( 0 )	( 0 )	( 0 )
urethra	inflammation		<19>				<21>				<21>				<34>			
		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 )	( 18 )	( 0 )	( 0 )	( 0 )
{Endocrine system}																		
pituitary	cyst		<19>				<20>				<20>				<34>			
		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 )	( 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. : 0685  
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	Control 19				250 ppm 21				1000 ppm 21				4000 ppm 34			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}																	
parathyroid		<19>				<21>				<21>				<34>			
	embryonal rest	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		( 5 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
adrenal		<19>				<21>				<21>				<34>			
	focal fatty change:cortex	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 )
{Reproductive system}																	
testis		<19>				<21>				<21>				<34>			
	atrophy	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 )
epididymis		<19>				<21>				<21>				<34>			
	inflammation	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
prostate		<19>				<21>				<21>				<34>			
	inflammation	0	0	0	0	1	0	0	0	1	0	0	0	1	7	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 3 )	( 21 )	( 0 )	( 0 )
prep/cli gl		<19>				<21>				<21>				<34>			
	duct ectasia	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 : Number of animals with lesion  
( c ) c : b / a \* 100  
Significant difference ; \* : P ≤ 0.05 \*\* : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 11

		Group Name No. of Animals on Study	Control 19				250 ppm 21				1000 ppm 21				4000 ppm 34			
Organ_____	Findings_____	Grade	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
<hr/>																		
{Nervous system}																		
brain			<19>				<21>				<21>				<34>			
	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 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	mineralization		3	0	0	0	3	0	0	0	6	0	0	0	6	0	0	0
		( 16 )	( 0 )	( 0 )	( 0 )	( 0 )	( 14 )	( 0 )	( 0 )	( 0 )	( 29 )	( 0 )	( 0 )	( 0 )	( 18 )	( 0 )	( 0 )	( 0 )
 {Special sense organs/appendage}																		
Harder gl			<18>				<21>				<21>				<34>			
	lymphocytic infiltration		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 )	( 3 )	( 0 )	( 0 )	( 0 )	
 {Musculoskeletal system}																		
muscle			<19>				<21>				<21>				<34>			
	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 )	

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 3

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

MALE: SACRIFICED ANIMALS

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 1

Organ_____	Findings_____	Group Name	Control				250 ppm				1000 ppm				4000 ppm			
		No. of Animals on Study	31				29				29				16			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Integumentary system/appandage)																		
skin/app			<31>				<29>				<29>				<16>			
	squamous cell hyperplasia	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)	( 0)	( 0)	( 0)	( 0)
	scab	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)	( 13)	( 0)	( 0)	( 0)	( 0)
subcutis			<31>				<29>				<29>				<16>			
	inflammation	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		( 0)	( 3)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 3)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
(Respiratory system)																		
nasal cavit			<31>				<29>				<29>				<16>			
	exudate	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)	( 0)	( 0)	( 0)
	eosinophilic change:olfactory epithelium	8	0	0	0	9	0	0	0	6	0	0	0	1	0	0	0	0
		( 26)	( 0)	( 0)	( 0)	( 31)	( 0)	( 0)	( 0)	( 21)	( 0)	( 0)	( 0)	( 6)	( 0)	( 0)	( 0)	( 0)
	eosinophilic change:respiratory epithelium	9	0	0	0	10	5	1	0 *	9	1	0	0	2	0	0	0	0
		( 29)	( 0)	( 0)	( 0)	( 34)	( 17)	( 3)	( 0)	( 31)	( 3)	( 0)	( 0)	( 13)	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Crj[Crl: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 31				250 ppm 29				1000 ppm 29				4000 ppm 16			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																		
nasal cavit	respiratory metaplasia:olfactory epithelium		<31>				<29>				<29>				<16>			
			7	0	0	0	6	1	0	0	1	0	0	0	0	0	0	0
			( 23 )	( 0 )	( 0 )	( 0 )	( 21 )	( 3 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	respiratory metaplasia:gland		4	2	0	0	5	3	0	0	3	2	0	0	2	0	0	0
			( 13 )	( 6 )	( 0 )	( 0 )	( 17 )	( 10 )	( 0 )	( 0 )	( 10 )	( 7 )	( 0 )	( 0 )	( 13 )	( 0 )	( 0 )	( 0 )
nasopharynx	eosinophilic change		<31>				<29>				<29>				<16>			
			1	0	0	0	2	0	1	0	0	1	0	0	2	0	0	0
			( 3 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 3 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 13 )	( 0 )	( 0 )	( 0 )
larynx	arthritis		<31>				<29>				<29>				<16>			
			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 )
lung	congestion		<31>				<29>				<29>				<16>			
			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 )
	accumulation of foamy cells		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	bronchiolar-alveolar cell hyperplasia		0	0	0	0	3	0	0	0	0	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Crj[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 31				250 ppm 29				1000 ppm 29				4000 ppm 16			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																					
lung	accumulation:macrophage	<31>				<29>				<29>				<16>							
		0	0	0	0	1	0	0	0	0	1	0	0	1	1	0	0	1	1	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 6 )	( 6 )	( 0 )	( 0 )	( 6 )	( 6 )	( 0 )	( 0 )
	degeneration:blood vessel																				
		0	0	0	0	0	1	0	0	0	1	0	0	1	1	0	0	1	1	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 6 )	( 6 )	( 0 )	( 0 )	( 6 )	( 6 )	( 0 )	( 0 )
{Hematopoietic system}																					
bone marrow	increased hematopoiesis	<31>				<29>				<29>				<16>							
		1	0	0	0	2	0	0	0	1	0	0	0	8	0	0	0	8	0	0	0 **
		( 3 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 50 )	( 0 )	( 0 )	( 0 )	( 50 )	( 0 )	( 0 )	( 0 )
	granulopoiesis:increased																				
		3	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0
		( 10 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )
lymph node	lymphadenitis	<31>				<29>				<29>				<16>							
		0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
spleen	deposit of hemosiderin	<31>				<29>				<29>				<16>							
		3	0	0	0	26	0	0	0 **	26	2	0	0 **	13	1	0	0	13	1	0	0 **
		( 10 )	( 0 )	( 0 )	( 0 )	( 90 )	( 0 )	( 0 )	( 0 )	( 90 )	( 7 )	( 0 )	( 0 )	( 81 )	( 6 )	( 0 )	( 0 )	( 81 )	( 6 )	( 0 )	( 0 )

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe  
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REPORT TYPE : A1  
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HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)  
SACRIFICED ANIMALS (105W)

PAGE : 4

		Group Name No. of Animals on Study	Control 31				250 ppm 29				1000 ppm 29				4000 ppm 16			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
(Hematopoietic system)																		
spleen			<31>				<29>				<29>				<16>			
	extramedullary hematopoiesis		9	0	0	0	13	2	0	0	12	5	0	0 *	4	8	0	0 **
			( 29 )	( 0 )	( 0 )	( 0 )	( 45 )	( 7 )	( 0 )	( 0 )	( 41 )	( 17 )	( 0 )	( 0 )	( 25 )	( 50 )	( 0 )	( 0 )
	engorgement of erythrocyte		0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0 *
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 25 )	( 0 )	( 0 )	( 0 )
	follicular hyperplasia		1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
			( 3 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Circulatory system)																		
heart			<31>				<29>				<29>				<16>			
	mineralization		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	degeneration		0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Digestive system)																		
tooth			<31>				<29>				<29>				<16>			
	dysplasia		0	2	1	0	1	1	1	0	0	1	1	0	0	0	0	0
		( 0 )	( 6 )	( 3 )	( 0 )	( 3 )	( 3 )	( 3 )	( 0 )	( 0 )	( 3 )	( 3 )	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 5

Organ	Findings	Group Name No. of Animals on Study				Control 31				250 ppm 29				1000 ppm 29				4000 ppm 16			
		Grade				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																					
stomach		<31>								<29>				<29>				<16>			
	hyperplasia:forestomach	3	0	0	0					1	0	0	0	1	0	0	0	0	0	0	0
		( 10)	( 0)	( 0)	( 0)					( 3)	( 0)	( 0)	( 0)	( 3)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
	erosion:glandular stomach	1	0	0	0					2	0	0	0	0	0	0	0	0	0	0	0
		( 3)	( 0)	( 0)	( 0)					( 7)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
	ulcer:glandular stomach	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:glandular stomach	8	0	0	0					10	0	0	0	6	0	0	0	2	0	0	0
		( 26)	( 0)	( 0)	( 0)					( 34)	( 0)	( 0)	( 0)	( 21)	( 0)	( 0)	( 0)	( 13)	( 0)	( 0)	( 0)
small intes		<31>								<29>				<29>				<16>			
	inflammation	0	0	0	0					0	0	0	0	0	0	0	0	0	1	0	0
liver		( 0)	( 0)	( 0)	( 0)					( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 6)	( 0)	( 0)
	angiectasis	1	0	0	0					0	1	0	0	0	0	0	0	0	0	0	0
		( 3)	( 0)	( 0)	( 0)					( 0)	( 3)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
		<31>								<29>				<29>				<16>			
	necrosis:focal	0	0	0	0					0	0	0	0	0	1	0	0	1	1	0	0
		( 0)	( 0)	( 0)	( 0)					( 0)	( 0)	( 0)	( 0)	( 0)	( 3)	( 0)	( 0)	( 6)	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 6

Organ	Findings	Group Name No. of Animals on Study Grade	Control 31				250 ppm 29				1000 ppm 29				4000 ppm 16			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
liver	deposit of hemosiderin		<31>				<29>				<29>				<16>			
			0	0	0	0	0	0	0	0	6	0	0	0 *	16	0	0	0 **
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 21 )	( 0 )	( 0 )	( 0 )	( 100 )	( 0 )	( 0 )	( 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 )
	scar		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 )
	extramedullary hematopoiesis		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 )	( 6 )	( 0 )	( 0 )
	clear cell focus		1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
			( 3 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	acidophilic cell focus		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 )
	basophilic cell focus		1	1	0	0	2	1	0	0	1	0	0	0	0	0	0	0
			( 3 )	( 3 )	( 0 )	( 0 )	( 7 )	( 3 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	biliary cyst		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 ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$  Test of Chi Square

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 8

		Group Name No. of Animals on Study Grade				Control 31				250 ppm 29				1000 ppm 29				4000 ppm 16			
Organ	Findings	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)				
(Urinary system)																					
kidney		<31>				<29>				<29>				<16>							
	hydronephrosis	0 ( 0 )	3 ( 10 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	4 ( 14 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 3 )	1 ( 3 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )				
	papillary necrosis	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	2 ( 7 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 6 )	0 ( 0 )	0 ( 0 )				
	mineralization:cortex	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 )				
	regeneration:proximal tubule	12 ( 39 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	13 ( 45 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	7 ( 24 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	10 ( 63 )	1 ( 6 )	0 ( 0 )	0 ( 0 )				
urin bladd		<31>				<29>				<29>				<16>							
	dilatation	0 ( 0 )	1 ( 3 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 3 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	2 ( 13 )	1 ( 6 )	0 ( 0 )	0 ( 0 )				
	simple hyperplasia:transitional epithelium	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 ( 6 )	0 ( 0 )	0 ( 0 )	0 ( 0 )				
	xanthogranuloma	1 ( 3 )	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 degeneration:superficial cell of transitional epithelium	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	10 ( 63 )	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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj: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 31				250 ppm 29				1000 ppm 29				4000 ppm 16			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																					
liver	hepatocellular hypertrophy:central	<31>				<29>				<29>				<16>							
		0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 44 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Urinary system)																					
kidney	hyaline droplet	<31>				<29>				<29>				<16>							
		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 )
	deposit of hemosiderin	<31>				<29>				<29>				<16>							
		0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 56 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	hyaline cast	<31>				<29>				<29>				<16>							
		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 )
	lymphocytic infiltration	<31>				<29>				<29>				<16>							
		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	scar	<31>				<29>				<29>				<16>							
		0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 13 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	inflammatory polyp	<31>				<29>				<29>				<16>							
		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 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 : Number of animals with lesion  
 ( c ) c : b / a \* 100  
 Significant difference ; \* : P ≤ 0.05 \*\* : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0685  
 ANIMAL : MOUSE BGD2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 9

		Group Name	Control				250 ppm				1000 ppm				4000 ppm			
		No. of Animals on Study	31				29				29				16			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																		
urethra			<31>				<29>				<29>				<16>			
	inflammation		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )
(Endocrine system)																		
pituitary			<31>				<29>				<29>				<16>			
	hyperplasia		0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	Rathke pouch		2	0	0	0	2	0	0	0	1	0	0	0	2	0	0	0
			( 6 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 13 )	( 0 )	( 0 )	( 0 )
parathyroid			<31>				<29>				<29>				<16>			
	embryonal rest		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 )
(Reproductive system)																		
testis			<31>				<29>				<29>				<16>			
	atrophy		2	0	0	0	1	1	1	0	3	1	0	0	0	0	0	0
			( 6 )	( 0 )	( 0 )	( 0 )	( 3 )	( 3 )	( 3 )	( 0 )	( 10 )	( 3 )	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 10

Organ	Findings	Group Name No. of Animals on Study Grade	Control 31				250 ppm 29				1000 ppm 29				4000 ppm 16			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																		
testis	mineralization		<31>				<29>				<29>				<16>			
			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 )	( 7 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
epididymis	spermatogenic granuloma		<31>				<29>				<29>				<16>			
			1	0	0	0	2	1	0	0	2	0	0	0	0	0	0	0
			( 3 )	( 0 )	( 0 )	( 0 )	( 7 )	( 3 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
prostate	inflammation		<31>				<29>				<29>				<16>			
			0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
prep/cli gl	duct ectasia		<31>				<29>				<29>				<16>			
			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 )
{Nervous system}																		
brain	mineralization		<31>				<29>				<29>				<16>			
			8	0	0	0	9	1	0	0	8	0	0	0	9	0	0	0
			( 26 )	( 0 )	( 0 )	( 0 )	( 31 )	( 3 )	( 0 )	( 0 )	( 28 )	( 0 )	( 0 )	( 0 )	( 56 )	( 0 )	( 0 )	( 0 )
spinal cord	mineralization		<31>				<29>				<29>				<16>			
			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. : 0685  
 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 31				250 ppm 29				1000 ppm 29				4000 ppm 16			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Special sense organs/appendage)																					
eye	keratitis	<31>				<29>				<29>				<16>							
		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	squamous cell metaplasia:cornea	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
Harder gl	degeneration	<31>				<29>				<29>				<16>							
		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 )
	lymphocytic infiltration	2	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		( 6 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Musculoskeletal system)																					
muscle	mineralization	<31>				<29>				<29>				<16>							
		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 )
(Body cavities)																					
retroperit	inflammatory infiltration	<31>				<29>				<29>				<16>							
		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 )

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 4

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

FEMALE: ALL ANIMALS

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 16

Organ	Findings	Group Name No. of Animals on Study				Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
		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>				<50>			
	scab	1	0	0	0	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)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)
(Respiratory system)																					
nasal cavit		<50>				<50>				<50>				<50>				<50>			
	exudate	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)	( 2)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
	eosinophilic change:olfactory epithelium	5	0	0	0	3	1	0	0	4	0	0	0	6	0	0	0	6	0	0	0
		( 10)	( 0)	( 0)	( 0)	( 6)	( 2)	( 0)	( 0)	( 8)	( 0)	( 0)	( 0)	( 12)	( 0)	( 0)	( 0)	( 12)	( 0)	( 0)	( 0)
	eosinophilic change:respiratory epithelium	25	5	0	0	30	3	0	0	26	6	0	0	30	6	0	0	30	6	0	0
		( 50)	( 10)	( 0)	( 0)	( 60)	( 6)	( 0)	( 0)	( 52)	( 12)	( 0)	( 0)	( 60)	( 12)	( 0)	( 0)	( 60)	( 12)	( 0)	( 0)
	inflammation:foreign body	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)	( 2)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)
	respiratory metaplasia:olfactory epithelium	1	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
		( 2)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)
	respiratory metaplasia:gland	5	0	0	0	6	0	0	0	4	0	0	0	2	0	0	0	2	0	0	0
		( 10)	( 0)	( 0)	( 0)	( 12)	( 0)	( 0)	( 0)	( 8)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)

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

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[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				250 ppm 50				1000 ppm 50				4000 ppm 50			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																					
nasal cavit		<50>				<50>				<50>				<50>				<50>			
	squamous cell metaplasia:respiratory epithelium	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )
	ulcer:respiratory epithelium	0	0	0	0	1	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 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	atrophy:olfactory epithelium	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 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
nasopharynx		<50>				<50>				<50>				<50>				<50>			
	eosinophilic change	2	2	0	0	2	1	0	0	2	0	0	0	4	3	0	0	4	3	0	0
		( 4 )	( 4 )	( 0 )	( 0 )	( 4 )	( 2 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 8 )	( 6 )	( 0 )	( 0 )	( 8 )	( 6 )	( 0 )	( 0 )
lung		<50>				<50>				<50>				<50>				<50>			
	congestion	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 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	1	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 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 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 18

Organ	Findings	Group Name No. of Animals on Study Grade	Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																		
lung			<50>				<50>				<50>				<50>			
	accumulation of foamy cells		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 )
	bronchiolar-alveolar cell hyperplasia		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 )
	accumulation:macrophage		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 )
	degeneration:blood vessel		0	0	0	0	0	0	0	0	1	0	0	0	2	4	0	0 *
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 8 )	( 0 )	( 0 )
(Hematopoietic system)																		
bone marrow			<50>				<50>				<50>				<50>			
	granulation		2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
			( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	increased hematopoiesis		17	0	0	0	11	0	0	0	18	0	0	0	36	0	0	0 **
			( 34 )	( 0 )	( 0 )	( 0 )	( 22 )	( 0 )	( 0 )	( 0 )	( 36 )	( 0 )	( 0 )	( 0 )	( 72 )	( 0 )	( 0 )	( 0 )
	granulopoiesis:increased		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 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 ; \* :  $P \leq 0.05$  \*\* :  $P \leq 0.01$  Test of Chi Square

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 19

Organ	Findings	Group Name No. of Animals on Study Grade	Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
lymph node			<50>				<50>				<50>				<50>			
	lymphadenitis		0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )
spleen			<50>				<50>				<50>				<50>			
	atrophy		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 )	( 0 )
	deposit of hemosiderin		19	0	0	0	10	20	0	0 **	9	26	0	0 **	14	29	1	0 **
			( 38 )	( 0 )	( 0 )	( 0 )	( 20 )	( 40 )	( 0 )	( 0 )	( 18 )	( 52 )	( 0 )	( 0 )	( 28 )	( 58 )	( 2 )	( 0 )
	osseous metaplasia		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 )	( 2 )	( 6 )	( 0 )	( 0 )
	extramedullary hematopoiesis		11	10	0	0	15	6	1	0	16	16	0	0	28	10	0	0 **
			( 22 )	( 20 )	( 0 )	( 0 )	( 30 )	( 12 )	( 2 )	( 0 )	( 32 )	( 32 )	( 0 )	( 0 )	( 56 )	( 20 )	( 0 )	( 0 )
	engorgement of erythrocyte		0	0	0	0	0	0	0	0	0	0	0	0	12	1	0	0 **
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 24 )	( 2 )	( 0 )	( 0 )
	follicular hyperplasia		0	0	0	0	2	0	1	0	1	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 2 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Circulatory system)																		
heart			<50>				<50>				<50>				<50>			
	thrombus		2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 4 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 20

Organ	Findings	Group Name No. of Animals on Study				Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
		Grade																			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Circulatory system)																					
heart	mineralization	3 ( 6 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	3 ( 6 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
	degeneration	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 )	2 ( 4 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
	myocardial fibrosis	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 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
	arteritis	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 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
(Digestive system)																					
tooth	dysplasia	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
tongue	arteritis	1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 21

Organ	Findings	Group Name No. of Animals on Study Grade	Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
salivary gl			<50>				<50>				<50>				<50>			
	xanthogranuloma		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 )
stomach			<50>				<50>				<50>				<50>			
	hyperplasia:forestomach		2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )
	erosion:glandular stomach		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 )
	hyperplasia:glandular stomach		5	0	0	0	6	0	0	0	8	0	0	0	4	0	0	0
			( 10 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )	( 16 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )
liver			<50>				<50>				<50>				<50>			
	congestion		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	angiectasis		0	2	0	0	0	2	0	0	0	3	0	0	0	4	0	0
			( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )
	necrosis:central		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Crlj[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				250 ppm 50				1000 ppm 50				4000 ppm 50			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																					
liver		<50>				<50>				<50>				<50>				<50>			
	necrosis:focal	1	0	0	0	0	1	0	0	0	0	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 )	( 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 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	deposit of hemosiderin	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	34	0	0	0 **
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 68 )	( 0 )	( 0 )	( 0 )
	lymphocytic infiltration	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0
		( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )
	granulation	2	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
		( 4 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	clear cell focus	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 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	acidophilic cell focus	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
		( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )
	hepatocellular hypertrophy:central	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0 *
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 14 )	( 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. : 0685  
 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 No. of Animals on Study Grade	Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
pancreas	atrophy		<50>				<50>				<50>				<50>			
			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 )
(Urinary system)																		
kidney	hyaline droplet		<50>				<50>				<50>				<50>			
			7	0	0	0	6	0	0	0	10	2	0	0	10	0	0	0
			( 14 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )	( 20 )	( 4 )	( 0 )	( 0 )	( 20 )	( 0 )	( 0 )	( 0 )
	deposit of hemosiderin		0	0	0	0	1	0	0	0	0	0	0	0	17	0	0	0 **
			( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 34 )	( 0 )	( 0 )	( 0 )
	inflammation		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )
	lymphocytic infiltration		0	0	0	0	3	0	0	0	1	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )
	scar		0	1	0	0	0	0	0	0	0	0	0	0	0	6	0	0
			( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )
	inflammatory polyp		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 24

Organ	Findings	Group Name No. of Animals on Study Grade	Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																		
kidney			<50>				<50>				<50>				<50>			
	hydronephrosis		0	2	0	0	0	1	0	0	0	2	1	0	0	1	0	0
			( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 2 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )
	papillary necrosis		0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 2 )	( 0 )	( 0 )
	mineralization:papilla		0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 2 )	( 0 )	( 0 )
	dilatation:tubular lumen		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 )
	regeneration:proximal tubule		1	0	0	0	1	0	0	0	1	0	0	0	4	3	0	0
			( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 8 )	( 6 )	( 0 )	( 0 )
	desquamation:pelvis		0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )
urin bladd			<50>				<50>				<50>				<50>			
	dilatation		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	hyaline droplet degeneration:superficial cell of transitional epithelium		0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0 **
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 28 )	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 25

Organ	Findings	Group Name No. of Animals on Study Grade				Control 50				250 ppm 50				1000 ppm 50				4000 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		<50>				<50>				<50>				<49>							
	angiectasis	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 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	hyperplasia	5	3	0	0	5	0	0	0	8	0	0	0	3	1	0	0	0	0	0	0
		( 10 )	( 6 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 16 )	( 0 )	( 0 )	( 0 )	( 6 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	Rathke pouch	3	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 )
adrenal		<50>				<50>				<50>				<50>							
	cyst	0	1	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 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	spindle-cell hyperplasia	12	0	0	0	10	0	0	0	8	0	0	0	9	0	0	0	0	0	0	0
		( 24 )	( 0 )	( 0 )	( 0 )	( 20 )	( 0 )	( 0 )	( 0 )	( 16 )	( 0 )	( 0 )	( 0 )	( 18 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	focal fatty change:cortex	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	fatty change:corticomedullary junction	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 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Reproductive system)																					
ovary		<50>				<50>				<50>				<50>							
	thrombus	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 26

		Group Name	Control				250 ppm				1000 ppm				4000 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}																		
ovary	cyst		<50>				<50>				<50>				<50>			
		3	0	0	0	3	0	0	0	7	0	0	0	4	0	0	0	
		( 6 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 14 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	
uterus	dilatation		<50>				<50>				<50>				<50>			
		0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	0	
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	
	inflammatory infiltration		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 )
	hyperplasia:gland		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 )
	cystic endometrial hyperplasia		10	0	0	0	10	0	0	0	12	0	0	0	7	1	0	0
		( 20 )	( 0 )	( 0 )	( 0 )	( 20 )	( 0 )	( 0 )	( 0 )	( 24 )	( 0 )	( 0 )	( 0 )	( 14 )	( 2 )	( 0 )	( 0 )	
{Nervous system}																		
brain	hemorrhage		<50>				<50>				<50>				<50>			
		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. : 0685  
 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				250 ppm 50				1000 ppm 50				4000 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Nervous system)																		
brain	mineralization		<50>				<50>				<50>				<50>			
			10	0	0	0	6	0	0	0	9	0	0	0	14	0	0	0
			( 20)	( 0)	( 0)	( 0)	( 12)	( 0)	( 0)	( 0)	( 18)	( 0)	( 0)	( 0)	( 28)	( 0)	( 0)	( 0)
(Special sense organs/appendage)																		
eye	keratitis		<50>				<50>				<50>				<50>			
			0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
			( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 2)	( 2)	( 0)
Harder gl	lymphocytic infiltration		<50>				<50>				<50>				<50>			
			0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
			( 0)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
(Musculoskeletal system)																		
muscle	mineralization		<50>				<50>				<50>				<50>			
			0	1	0	0	0	1	0	0	2	0	0	0	0	0	0	0
			( 0)	( 2)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
bone	deformity		<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)

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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[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				Control 50				250 ppm 50				1000 ppm 50				4000 ppm 50			
		Grade				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

(Musculoskeletal system)

bone	osteosclerosis	<50>				<50>				<50>				<50>			
		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 )

(Body cavities)

peritoneum	inflammation	<50>				<50>				<50>				<50>			
		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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

BATS4



TABLE L 5

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

FEMALE: DEAD AND MORIBUND ANIMALS

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 12

Organ_____	Findings_____	Group Name	Control				250 ppm				1000 ppm				4000 ppm					
		No. of Animals on Study	27				25				25				15					
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

---

{Integumentary system/appandage}

skin/app			<27>					<25>					<25>					<15>			
	scab		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 )

{Respiratory system}

nasal cavit			<27>					<25>					<25>					<15>			
	eosinophilic change:olfactory epithelium		1	0	0	0		1	0	0	0		1	0	0	0		1	0	0	0
			( 4 )	( 0 )	( 0 )	( 0 )		( 4 )	( 0 )	( 0 )	( 0 )		( 4 )	( 0 )	( 0 )	( 0 )		( 7 )	( 0 )	( 0 )	( 0 )
	eosinophilic change:respiratory epithelium		11	1	0	0		11	2	0	0		8	4	0	0		4	1	0	0
			( 41 )	( 4 )	( 0 )	( 0 )		( 44 )	( 8 )	( 0 )	( 0 )		( 32 )	( 16 )	( 0 )	( 0 )		( 27 )	( 7 )	( 0 )	( 0 )
	inflammation:foreign body		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 metaplasia:gland		4	0	0	0		3	0	0	0		2	0	0	0		0	0	0	0
			( 15 )	( 0 )	( 0 )	( 0 )		( 12 )	( 0 )	( 0 )	( 0 )		( 8 )	( 0 )	( 0 )	( 0 )		( 0 )	( 0 )	( 0 )	( 0 )
	squamous cell metaplasia:respiratory epithelium		0	0	0	0		1	0	0	0		0	0	0	0		0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )		( 4 )	( 0 )	( 0 )	( 0 )		( 0 )	( 0 )	( 0 )	( 0 )		( 0 )	( 0 )	( 0 )	( 0 )
	ulcer:respiratory epithelium		0	0	0	0		1	0	0	0		0	0	0	0		0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )		( 4 )	( 0 )	( 0 )	( 0 )		( 0 )	( 0 )	( 0 )	( 0 )		( 0 )	( 0 )	( 0 )	( 0 )

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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 13

Organ_____	Findings_____	Group Name	Control				250 ppm				1000 ppm				4000 ppm										
		No. of Animals on Study	27				25				25				15										
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4							
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)							
(Respiratory system)																									
nasopharynx			<27>				<25>				<25>				<15>										
	eosinophilic change	0	1	0	0	( 0 )	( 4 )	( 0 )	( 0 )	1	0	0	0	( 4 )	( 0 )	( 0 )	( 0 )	2	0	0	0	( 13 )	( 0 )	( 0 )	( 0 )
lung			<27>				<25>				<25>				<15>										
	congestion	0	0	0	0	( 0 )	( 0 )	( 0 )	( 0 )	0	1	0	0	( 0 )	( 4 )	( 0 )	( 0 )	0	0	0	0	( 0 )	( 0 )	( 0 )	( 0 )
	inflammatory infiltration	0	0	0	0	( 0 )	( 0 )	( 0 )	( 0 )	0	0	0	0	( 0 )	( 0 )	( 0 )	( 0 )	1	0	0	0	( 7 )	( 0 )	( 0 )	( 0 )
	degeneration: blood vessel	0	0	0	0	( 0 )	( 0 )	( 0 )	( 0 )	0	0	0	0	( 0 )	( 0 )	( 0 )	( 0 )	1	0	0	0	( 7 )	( 0 )	( 0 )	( 0 )
(Hematopoietic system)																									
bone marrow			<27>				<25>				<25>				<15>										
	increased hematopoiesis	16	0	0	0	( 59 )	( 0 )	( 0 )	( 0 )	10	0	0	0	( 44 )	( 0 )	( 0 )	( 0 )	9	0	0	0	( 60 )	( 0 )	( 0 )	( 0 )
	granulopoiesis: increased	0	0	0	0	( 0 )	( 0 )	( 0 )	( 0 )	0	0	0	0	( 4 )	( 0 )	( 0 )	( 0 )	0	0	0	0	( 0 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 14

		Group Name	Control				250 ppm				1000 ppm				4000 ppm			
		No. of Animals on Study	27				25				25				15			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
lymph node			<27>				<25>				<25>				<15>			
	lymphadenitis		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 )
spleen			<27>				<25>				<25>				<15>			
	atrophy		0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
			( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )
	deposit of hemosiderin		3	0	0	0	3	5	0	0 *	8	7	0	0 **	8	3	0	0 **
			( 11 )	( 0 )	( 0 )	( 0 )	( 12 )	( 20 )	( 0 )	( 0 )	( 32 )	( 28 )	( 0 )	( 0 )	( 53 )	( 20 )	( 0 )	( 0 )
		extramedullary hematopoiesis	8	10	0	0	2	5	1	0 *	2	12	0	0	2	7	0	0
			( 30 )	( 37 )	( 0 )	( 0 )	( 8 )	( 20 )	( 4 )	( 0 )	( 8 )	( 48 )	( 0 )	( 0 )	( 13 )	( 47 )	( 0 )	( 0 )
		engorgement of erythrocyte	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 )
(Circulatory system)																		
heart			<27>				<25>				<25>				<15>			
	thrombus		2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 7 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 15

Organ	Findings	Group Name No. of Animals on Study Grade	Control 27				250 ppm 25				1000 ppm 25				4000 ppm 15			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Circulatory system)																		
heart	mineralization		<27>				<25>				<25>				<15>			
			3	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
			( 11)	( 0)	( 0)	( 0)	( 12)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
	myocardial fibrosis		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 4)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
	arteritis		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)	( 0)	( 0)	( 0)	( 0)
(Digestive system)																		
tongue	arteritis		<27>				<25>				<25>				<15>			
			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)	( 0)	( 0)	( 0)	( 0)
stomach	erosion:glandular stomach		<27>				<25>				<25>				<15>			
			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)
liver	angiectasis		<27>				<25>				<25>				<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)	( 4)	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 16

		Group Name	Control				250 ppm				1000 ppm				4000 ppm			
		No. of Animals on Study	27				25				25				15			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ_____	Findings_____		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
<hr/>																		
(Digestive system)																		
liver			<27>				<25>				<25>				<15>			
	necrosis:central		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 )
	fatty change:central		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 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	deposit of hemosiderin		0	0	0	0	0	0	0	0	2	0	0	0	5	0	0	0 **
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 33 )	( 0 )	( 0 )	( 0 )
	acidophilic 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 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
pancreas			<27>				<25>				<25>				<15>			
	atrophy		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 )	( 0 )	( 0 )
<hr/>																		
(Urinary system)																		
kidney			<27>				<25>				<25>				<15>			
	hyaline droplet		7	0	0	0	6	0	0	0	8	1	0	0	7	0	0	0
		( 26 )	( 0 )	( 0 )	( 0 )	( 24 )	( 0 )	( 0 )	( 0 )	( 32 )	( 4 )	( 0 )	( 0 )	( 47 )	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 17

Organ	Findings	Group Name No. of Animals on Study Grade	Control 27				250 ppm 25				1000 ppm 25				4000 ppm 15			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney			<27>				<25>				<25>				<15>			
	deposit of hemosiderin		0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )
	scar		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 )
	hydronephrosis		0	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0
			( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	dilatation:tubular lumen		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 )
	regeneration:proximal tubule		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )
	desquamation:pelvis		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 )
urin bladd			<27>				<25>				<25>				<15>			
	dilatation		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 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	hyaline droplet degeneration:superficial cell of transit ional 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 )	( 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. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
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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 27				250 ppm 25				1000 ppm 25				4000 ppm 15			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}																					
pituitary		<27>				<25>				<25>				<14>							
	angiectasis	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 )
	hyperplasia	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	Rathke pouch	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 )	( 0 )	( 0 )	( 0 )	( 0 )
adrenal		<27>				<25>				<25>				<15>							
	spindle-cell hyperplasia	4	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
		( 15 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
{Reproductive system}																					
ovary		<27>				<25>				<25>				<15>							
	thrombus	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 )	( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	cyst	1	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
		( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 13 )	( 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  
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Significant difference ; \* : P ≤ 0.05 \*\* : P ≤ 0.01 Test of Chi Square



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

PAGE : 19

Organ	Findings	Group Name No. of Animals on Study Grade	Control 27				250 ppm 25				1000 ppm 25				4000 ppm 15			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																		
uterus	dilatation		<27>				<25>				<25>				<15>			
			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 )
	cystic endometrial hyperplasia		1	0	0	0	1	0	0	0	3	0	0	0	1	0	0	0
			( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )
{Nervous system}																		
brain	hemorrhage		<27>				<25>				<25>				<15>			
			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 )	( 0 )	( 0 )	( 0 )	( 0 )
	mineralization		7	0	0	0	0	0	0	0 *	5	0	0	0	2	0	0	0
			( 26 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 20 )	( 0 )	( 0 )	( 0 )	( 13 )	( 0 )	( 0 )	( 0 )
{Special sense organs/appendage}																		
eye	keratitis		<27>				<25>				<25>				<15>			
			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 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. : 0685  
 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	Control				250 ppm				1000 ppm				4000 ppm			
		No. of Animals on Study	27				25				25				15			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Musculoskeletal system)																		
muscle	mineralization	<27>				<25>				<25>				<15>				
		0	1	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0
			( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
bone	osteosclerosis	<27>				<25>				<25>				<15>				
		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 )
Grade	1 : Slight      2 : Moderate      3 : Marked      4 : Severe																	
< a >	a : Number of animals examined at the site																	
b	b : Number of animals with lesion																	
( c )	c : b / a * 100																	
Significant difference :    * : P ≤ 0.05    ** : P ≤ 0.01    Test of Chi Square																		

**TABLE L 6**

**HISTOPATHOLOGICAL FINDINGS:**

**NON-NEOPLASTIC LESIONS:**

**FEMALE: SACRIFICED ANIMALS**

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 12

Organ	Findings	Group Name No. of Animals on Study Grade				Control 23				250 ppm 25				1000 ppm 25				4000 ppm 35			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																					
skin/app	scab	<23>				<25>				<25>				<35>							
		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)	( 0)	( 0)	( 0)	( 0)
{Respiratory system}																					
nasal cavit	exudate	<23>				<25>				<25>				<35>							
		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)
	eosinophilic change:olfactory epithelium	4	0	0	0	2	1	0	0	3	0	0	0	5	0	0	0	0	0	0	0
		( 17)	( 0)	( 0)	( 0)	( 8)	( 4)	( 0)	( 0)	( 12)	( 0)	( 0)	( 0)	( 14)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
	eosinophilic change:respiratory epithelium	14	4	0	0	19	1	0	0	18	2	0	0	26	5	0	0	0	0	0	0
		( 61)	( 17)	( 0)	( 0)	( 76)	( 4)	( 0)	( 0)	( 72)	( 8)	( 0)	( 0)	( 74)	( 14)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
	inflammation:foreign body	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)	( 0)	( 0)	( 0)
	respiratory metaplasia:olfactory epithelium	1	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		( 4)	( 0)	( 0)	( 0)	( 8)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 3)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
	respiratory metaplasia:gland	1	0	0	0	3	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
		( 4)	( 0)	( 0)	( 0)	( 12)	( 0)	( 0)	( 0)	( 8)	( 0)	( 0)	( 0)	( 6)	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 13

Organ	Findings	Group Name No. of Animals on Study Grade				Control 23				250 ppm 25				1000 ppm 25				4000 ppm 35			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																					
nasal cavit		<23>				<25>				<25>				<35>							
	squamous cell metaplasia:respiratory epithelium	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
		<23>				<25>				<25>				<35>							
	atrophy:olfactory epithelium	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 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
nasopharynx		<23>				<25>				<25>				<35>							
	eosinophilic change	2	1	0	0	1	1	0	0	1	0	0	0	2	3	0	0	0	0	0	0
		( 9 )	( 4 )	( 0 )	( 0 )	( 4 )	( 4 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 6 )	( 9 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
lung		<23>				<25>				<25>				<35>							
	lymphocytic infiltration	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
		<23>				<25>				<25>				<35>							
	accumulation of foamy cells	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 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
		<23>				<25>				<25>				<35>							
	bronchiolar-alveolar cell hyperplasia	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
		<23>				<25>				<25>				<35>							
	accumulation:macrophage	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 )	( 0 )	( 0 )	( 3 )	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Crj[Crj:BDf1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 14

Organ	Findings	Group Name No. of Animals on Study Grade	Control 23				250 ppm 25				1000 ppm 25				4000 ppm 35			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
lung			<23>				<25>				<25>				<35>			
	degeneration: blood vessel		0	0	0	0	0	0	0	0	1	0	0	0	1	4	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 3 )	( 11 )	( 0 )	( 0 )
{Hematopoietic system}																		
bone marrow			<23>				<25>				<25>				<35>			
	granulation		2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
			( 9 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	increased hematopoiesis		1	0	0	0	1	0	0	0	7	0	0	0	27	0	0	0 **
			( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 28 )	( 0 )	( 0 )	( 0 )	( 77 )	( 0 )	( 0 )	( 0 )
lymph node			<23>				<25>				<25>				<35>			
	lymphadenitis		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			<23>				<25>				<25>				<35>			
	deposit of hemosiderin		16	0	0	0	7	15	0	0 **	1	19	0	0 **	6	26	1	0 **
			( 70 )	( 0 )	( 0 )	( 0 )	( 28 )	( 60 )	( 0 )	( 0 )	( 4 )	( 76 )	( 0 )	( 0 )	( 17 )	( 74 )	( 3 )	( 0 )
	osseous metaplasia		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 )	( 3 )	( 9 )	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 15

Organ	Findings	Group Name No. of Animals on Study Grade	Control 23				250 ppm 25				1000 ppm 25				4000 ppm 35			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Hematopoietic system}																		
spleen			<23>				<25>				<25>				<35>			
	extramedullary hematopoiesis		3	0	0	0	13	1	0	0 **	14	4	0	0 **	26	3	0	0 **
			( 13 )	( 0 )	( 0 )	( 0 )	( 52 )	( 4 )	( 0 )	( 0 )	( 56 )	( 16 )	( 0 )	( 0 )	( 74 )	( 9 )	( 0 )	( 0 )
	engorgement of erythrocyte		0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0 **
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 34 )	( 0 )	( 0 )	( 0 )
	follicular hyperplasia		0	0	0	0	2	0	1	0	1	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 4 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
{Circulatory system}																		
heart			<23>				<25>				<25>				<35>			
	degeneration		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 )	( 6 )	( 0 )	( 0 )	( 0 )
{Digestive system}																		
tooth			<23>				<25>				<25>				<35>			
	dysplasia		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 )	( 4 )	( 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. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 16

Organ	Findings	Group Name No. of Animals on Study Grade				Control 23				250 ppm 25				1000 ppm 25				4000 ppm 35			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																					
tongue	arteritis	<23>				<25>				<25>				<35>							
		0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
salivary gl	xanthogranuloma	<23>				<25>				<25>				<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 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
stomach	hyperplasia:forestomach	<23>				<25>				<25>				<35>							
		2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		( 9 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	hyperplasia:glandular stomach	<23>				<25>				<25>				<35>							
		5	0	0	0	6	0	0	0	8	0	0	0	4	0	0	0	0	0	0	0
		( 22 )	( 0 )	( 0 )	( 0 )	( 24 )	( 0 )	( 0 )	( 0 )	( 32 )	( 0 )	( 0 )	( 0 )	( 11 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
liver	congestion	<23>				<25>				<25>				<35>							
		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 )	( 0 )	( 0 )	( 0 )
	angiectasis	<23>				<25>				<25>				<35>							
		0	2	0	0	0	2	0	0	0	2	0	0	0	4	0	0	0	0	0	0
		( 0 )	( 9 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 11 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	necrosis:focal	<23>				<25>				<25>				<35>							
		1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 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. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE

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

PAGE : 17

Organ	Findings	Group Name No. of Animals on Study Grade	Control 23				250 ppm 25				1000 ppm 25				4000 ppm 35			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
liver			<23>				<25>				<25>				<35>			
	deposit of hemosiderin		0	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0 **
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 83 )	( 0 )	( 0 )	( 0 )
	lymphocytic infiltration		1	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0
			( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )
	granulation		2	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0
			( 9 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	clear cell focus		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	acidophilic cell focus		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )
	hepatocellular hypertrophy:central		0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 20 )	( 0 )	( 0 )	( 0 )
{Urinary system}																		
kidney			<23>				<25>				<25>				<35>			
	hyaline droplet		0	0	0	0	0	0	0	0	2	1	0	0	3	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 8 )	( 4 )	( 0 )	( 0 )	( 9 )	( 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. : 0685  
 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 23				250 ppm 25				1000 ppm 25				4000 ppm 35			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																					
kidney		<23>				<25>				<25>				<35>							
	deposit of hemosiderin	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	**
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 46 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	inflammation	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	lymphocytic infiltration	0	0	0	0	3	0	0	0	1	0	0	0	1	0	0	0	0	0	0	
		( 0 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	scar	0	1	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	
		( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 14 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	inflammatory polyp	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	hydronephrosis	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	papillary necrosis	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	mineralization: papilla	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 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 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. : 0685  
 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 23				250 ppm 25				1000 ppm 25				4000 ppm 35			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																		
kidney			<23>				<25>				<25>				<35>			
	dilatation:tubular lumen		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)
	regeneration:proximal tubule		1	0	0	0	1	0	0	0	0	0	0	0	3	3	0	0
			( 4)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 9)	( 9)	( 0)	( 0)
	desquamation:pelvis		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)	( 6)	( 0)	( 0)	( 0)
urin bladd			<23>				<25>				<25>				<35>			
	hyaline droplet degeneration:superficial cell of transitional epithelium		0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0 **
			( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 37)	( 0)	( 0)	( 0)
(Endocrine system)																		
pituitary			<23>				<25>				<25>				<35>			
	angiectasis		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)
	hyperplasia		5	3	0	0	3	0	0	0	6	0	0	0	3	1	0	0
			( 22)	( 13)	( 0)	( 0)	( 12)	( 0)	( 0)	( 0)	( 24)	( 0)	( 0)	( 0)	( 9)	( 3)	( 0)	( 0)

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

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 20

Organ	Findings	Group Name No. of Animals on Study Grade	Control 23				250 ppm 25				1000 ppm 25				4000 ppm 35			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}																		
pituitary	Ratlike pouch		<23>				<25>				<25>				<35>			
			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)	( 0)	( 0)	( 0)	( 0)
adrenal	cyst		<23>				<25>				<25>				<35>			
			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)	( 0)	( 0)	( 0)
	spindle-cell hyperplasia		8	0	0	0	10	0	0	0	7	0	0	0	8	0	0	0
			( 35)	( 0)	( 0)	( 0)	( 40)	( 0)	( 0)	( 0)	( 28)	( 0)	( 0)	( 0)	( 23)	( 0)	( 0)	( 0)
	focal fatty change:cortex		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 4)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 3)	( 0)	( 0)	( 0)
	fatty change:corticomedullary junction		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			( 0)	( 0)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
{Reproductive system}																		
ovary	cyst		<23>				<25>				<25>				<35>			
			2	0	0	0	3	0	0	0	5	0	0	0	2	0	0	0
			( 9)	( 0)	( 0)	( 0)	( 12)	( 0)	( 0)	( 0)	( 20)	( 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. : 0685  
 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 23				250 ppm 25				1000 ppm 25				4000 ppm 35			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Reproductive system)																					
uterus		<23>				<25>				<25>				<35>							
	dilatation	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0
		( 0)	( 0)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 6)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
	inflammatory infiltration	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)	( 0)	( 0)	( 0)
	hyperplasia:gland	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)	( 0)	( 0)	( 0)	( 0)
	cystic endometrial hyperplasia	9	0	0	0	9	0	0	0	9	0	0	0	6	1	0	0	0	0	0	0
		( 39)	( 0)	( 0)	( 0)	( 36)	( 0)	( 0)	( 0)	( 36)	( 0)	( 0)	( 0)	( 17)	( 3)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
(Nervous system)																					
brain		<23>				<25>				<25>				<35>							
	mineralization	3	0	0	0	6	0	0	0	4	0	0	0	12	0	0	0	0	0	0	0
		( 13)	( 0)	( 0)	( 0)	( 24)	( 0)	( 0)	( 0)	( 16)	( 0)	( 0)	( 0)	( 34)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
(Special sense organs/appendage)																					
eye		<23>				<25>				<25>				<35>							
	keratitis	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)	( 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 : Number of animals with lesion  
 ( c ) c : b / a \* 100  
 Significant difference : \* : P ≤ 0.05 \*\* : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 22

Organ_____	Findings_____	Group Name	Control				250 ppm				1000 ppm				4000 ppm			
		No. of Animals on Study	23				25				25				35			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Special sense organs/appendage)																		
Harder gl			<23>				<25>				<25>				<35>			
	lymphocytic infiltration		0	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 )	( 0 )	( 0 )	( 0 )	( 0 )
(Musculoskeletal system)																		
bone			<23>				<25>				<25>				<35>			
	deformity		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 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	osteosclerosis		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 )
(Body cavities)																		
peritoneum			<23>				<25>				<25>				<35>			
	inflammation		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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

TABLE M 1

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

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 1

Time-related Weeks	Items	Group Name	Control	250 ppm	1000 ppm	4000 ppm
0 - 52	NO. OF EXAMINED ANIMALS		3	2	1	5
	NO. OF ANIMALS WITH TUMORS		1	0	0	0
	NO. OF ANIMALS WITH SINGLE TUMORS		1	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		1	0	0	0
	NO. OF TOTAL TUMORS		1	0	0	0
53 - 78	NO. OF EXAMINED ANIMALS		2	4	5	11
	NO. OF ANIMALS WITH TUMORS		1	2	2	2
	NO. OF ANIMALS WITH SINGLE TUMORS		1	2	2	1
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	1
	NO. OF BENIGN TUMORS		0	2	0	3
	NO. OF MALIGNANT TUMORS		1	0	2	0
	NO. OF TOTAL TUMORS		1	2	2	3
79 - 104	NO. OF EXAMINED ANIMALS		14	15	15	18
	NO. OF ANIMALS WITH TUMORS		12	11	13	6
	NO. OF ANIMALS WITH SINGLE TUMORS		6	8	9	5
	NO. OF ANIMALS WITH MULTIPLE TUMORS		6	3	4	1
	NO. OF BENIGN TUMORS		5	3	10	4
	NO. OF MALIGNANT TUMORS		15	11	8	3
	NO. OF TOTAL TUMORS		20	14	18	7
105 - 105	NO. OF EXAMINED ANIMALS		31	29	29	16
	NO. OF ANIMALS WITH TUMORS		18	23	21	9
	NO. OF ANIMALS WITH SINGLE TUMORS		7	12	7	6
	NO. OF ANIMALS WITH MULTIPLE TUMORS		11	11	14	3
	NO. OF BENIGN TUMORS		18	21	21	8
	NO. OF MALIGNANT TUMORS		15	20	20	7
	NO. OF TOTAL TUMORS		33	41	41	15



STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 2

Time-related Weeks	Items	Group Name	Control	250 ppm	1000 ppm	4000 ppm
0 - 105	NO. OF EXAMINED ANIMALS		50	50	50	50
	NO. OF ANIMALS WITH TUMORS		32	36	36	17
	NO. OF ANIMALS WITH SINGLE TUMORS		15	22	18	12
	NO. OF ANIMALS WITH MULTIPLE TUMORS		17	14	18	5
	NO. OF BENIGN TUMORS		23	26	31	15
	NO. OF MALIGNANT TUMORS		32	31	30	10
	NO. OF TOTAL TUMORS		55	57	61	25

(HPT070)

BAIS4

TABLE M 2

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

STUDY NO. : 0685  
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	250 ppm	1000 ppm	4000 ppm
0 - 52	NO. OF EXAMINED ANIMALS		2	1	1	0
	NO. OF ANIMALS WITH TUMORS		1	1	0	0
	NO. OF ANIMALS WITH SINGLE TUMORS		1	1	0	0
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0
	NO. OF BENIGN TUMORS		0	0	0	0
	NO. OF MALIGNANT TUMORS		1	1	0	0
	NO. OF TOTAL TUMORS		1	1	0	0
53 - 78	NO. OF EXAMINED ANIMALS		6	7	5	4
	NO. OF ANIMALS WITH TUMORS		6	7	4	4
	NO. OF ANIMALS WITH SINGLE TUMORS		5	5	3	2
	NO. OF ANIMALS WITH MULTIPLE TUMORS		1	2	1	2
	NO. OF BENIGN TUMORS		0	2	0	2
	NO. OF MALIGNANT TUMORS		7	7	5	4
	NO. OF TOTAL TUMORS		7	9	5	6
79 - 104	NO. OF EXAMINED ANIMALS		19	17	19	11
	NO. OF ANIMALS WITH TUMORS		19	16	19	11
	NO. OF ANIMALS WITH SINGLE TUMORS		14	11	14	7
	NO. OF ANIMALS WITH MULTIPLE TUMORS		5	5	5	4
	NO. OF BENIGN TUMORS		6	7	6	3
	NO. OF MALIGNANT TUMORS		20	14	22	12
	NO. OF TOTAL TUMORS		26	21	28	15
105 - 105	NO. OF EXAMINED ANIMALS		23	25	25	35
	NO. OF ANIMALS WITH TUMORS		10	14	16	20
	NO. OF ANIMALS WITH SINGLE TUMORS		8	8	9	13
	NO. OF ANIMALS WITH MULTIPLE TUMORS		2	6	7	7
	NO. OF BENIGN TUMORS		4	10	12	7
	NO. OF MALIGNANT TUMORS		8	12	14	22
	NO. OF TOTAL TUMORS		12	22	26	29

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE

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

PAGE : 4

Time-related Weeks	Items	Group Name	Control	250 ppm	1000 ppm	4000 ppm
0 - 105	NO. OF EXAMINED ANIMALS		50	50	50	50
	NO. OF ANIMALS WITH TUMORS		36	38	39	35
	NO. OF ANIMALS WITH SINGLE TUMORS		28	25	26	22
	NO. OF ANIMALS WITH MULTIPLE TUMORS		8	13	13	13
	NO. OF BENIGN TUMORS		10	19	18	12
	NO. OF MALIGNANT TUMORS		36	34	41	38
	NO. OF TOTAL TUMORS		46	53	59	50

(HPT070)

BATS4

TABLE N 1

HISTOPATHOLOGICAL FINDINGS:  
NEOPLASTIC LESIONS: MALE

STUDY NO. : 0685  
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	250 ppm 50	1000 ppm 50	4000 ppm 50
{Integumentary system/appandage}						
skin/app	keratoacanthoma		<50> 0 ( 0%)	<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 0 ( 0%)
subcutis	lipoma		<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 0 ( 0%)
	hemangioma		0 ( 0%)	0 ( 0%)	1 ( 2%)	0 ( 0%)
	fibrosarcoma		1 ( 2%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
	histiocytic sarcoma		1 ( 2%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
{Respiratory system}						
lung	bronchiolar-alveolar adenoma		<50> 5 ( 10%)	<50> 4 ( 8%)	<50> 7 ( 14%)	<50> 4 ( 8%)
	bronchiolar-alveolar carcinoma		5 ( 10%)	6 ( 12%)	8 ( 16%)	1 ( 2%)
{Hematopoietic system}						
bone marrow	hemangioma		<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 1 ( 2%)
lymph node	malignant lymphoma		<50> 6 ( 12%)	<50> 4 ( 8%)	<50> 3 ( 6%)	<50> 2 ( 4%)
spleen	hemangioma		<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 6 ( 12%)	<50> 2 ( 4%)
	malignant lymphoma		0 ( 0%)	0 ( 0%)	2 ( 4%)	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. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name No. of animals on Study	Control 50	250 ppm 50	1000 ppm 50	4000 ppm 50
{Hematopoietic system}						
spleen	hemangiosarcoma		<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 3 ( 6%)	<50> 1 ( 2%)
{Circulatory system}						
heart	hemangiosarcoma		<50> 0 ( 0%)	<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 0 ( 0%)
{Digestive system}						
salivary gl	histiocytic sarcoma		<50> 1 ( 2%)	<49> 0 ( 0%)	<50> 1 ( 2%)	<50> 0 ( 0%)
stomach	carcinoid tumor		<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 1 ( 2%)
small intes	adenoma		<50> 0 ( 0%)	<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 0 ( 0%)
	mastcytoma:malignant		1 ( 2%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
liver	hemangioma		<50> 2 ( 4%)	<50> 2 ( 4%)	<50> 5 ( 10%)	<50> 3 ( 6%)
	hepatocellular adenoma		9 ( 18%)	14 ( 28%)	10 ( 20%)	2 ( 4%)
	histiocytic sarcoma		5 ( 10%)	1 ( 2%)	1 ( 2%)	1 ( 2%)
	hemangiosarcoma		0 ( 0%)	1 ( 2%)	2 ( 4%)	1 ( 2%)
	hepatocellular carcinoma		7 ( 14%)	15 ( 30%)	5 ( 10%)	2 ( 4%)

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

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj: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	250 ppm 50	1000 ppm 50	4000 ppm 50
{Digestive system}						
liver			<50>	<50>	<50>	<50>
	hepatoblastoma		2 ( 4%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
gall bladd			<50>	<50>	<50>	<50>
	papillary adenoma		0 ( 0%)	0 ( 0%)	0 ( 0%)	1 ( 2%)
{Urinary system}						
kidney			<50>	<50>	<50>	<50>
	renal cell adenoma		0 ( 0%)	1 ( 2%)	0 ( 0%)	0 ( 0%)
	transitional cell carcinoma		1 ( 2%)	1 ( 2%)	0 ( 0%)	0 ( 0%)
urin bladd			<50>	<50>	<50>	<50>
	xanthoma		0 ( 0%)	1 ( 2%)	0 ( 0%)	0 ( 0%)
	histiocytic sarcoma		0 ( 0%)	1 ( 2%)	1 ( 2%)	1 ( 2%)
{Endocrine system}						
thyroid			<50>	<50>	<50>	<50>
	C-cell adenoma		0 ( 0%)	0 ( 0%)	1 ( 2%)	0 ( 0%)
{Reproductive system}						
testis			<50>	<50>	<50>	<50>
	histiocytic sarcoma		0 ( 0%)	0 ( 0%)	1 ( 2%)	0 ( 0%)
epididymis			<50>	<50>	<50>	<50>
	histiocytic sarcoma		1 ( 2%)	1 ( 2%)	3 ( 6%)	1 ( 2%)
{Special sense organs/appendage}						
Harder gl			<49>	<50>	<50>	<50>
	adenoma		4 ( 8%)	2 ( 4%)	1 ( 2%)	1 ( 2%)

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



STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 4

Organ	Findings	Group Name No. of animals on Study	Control 50	250 ppm 50	1000 ppm 50	4000 ppm 50
{Musculoskeletal system}						
bone	osteosarcoma		<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

(IPT085)

BAIS4

TABLE N 2

HISTOPATHOLOGICAL FINDINGS:  
NEOPLASTIC LESIONS: FEMALE

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Cxj: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	250 ppm 50	1000 ppm 50	4000 ppm 50
(Integumentary system/appandage)						
skin/app			<50>	<50>	<50>	<50>
	squamous cell papilloma		0 ( 0%)	1 ( 2%)	0 ( 0%)	0 ( 0%)
subcutis			<50>	<50>	<50>	<50>
	hemangioma		0 ( 0%)	1 ( 2%)	0 ( 0%)	0 ( 0%)
	fibrosarcoma		0 ( 0%)	0 ( 0%)	0 ( 0%)	1 ( 2%)
	liposarcoma		1 ( 2%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
	schwannoma:malignant		1 ( 2%)	0 ( 0%)	0 ( 0%)	1 ( 2%)
	histiocytic sarcoma		0 ( 0%)	0 ( 0%)	1 ( 2%)	0 ( 0%)
(Respiratory system)						
lung			<50>	<50>	<50>	<50>
	bronchiolar-alveolar adenoma		1 ( 2%)	3 ( 6%)	1 ( 2%)	2 ( 4%)
	bronchiolar-alveolar carcinoma		0 ( 0%)	1 ( 2%)	1 ( 2%)	1 ( 2%)
(Hematopoietic system)						
bone marrow			<50>	<50>	<50>	<50>
	hemangioma		0 ( 0%)	1 ( 2%)	0 ( 0%)	0 ( 0%)
lymph node			<50>	<50>	<50>	<50>
	malignant lymphoma		18 ( 36%)	20 ( 40%)	17 ( 34%)	15 ( 30%)
	mastcytoma:malignant		0 ( 0%)	0 ( 0%)	0 ( 0%)	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. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[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	250 ppm 50	1000 ppm 50	4000 ppm 50
(Hematopoietic system)						
spleen			<50>	<50>	<50>	<50>
	mastcytoma:benign		0 ( 0%)	0 ( 0%)	1 ( 2%)	1 ( 2%)
	hemangioma		0 ( 0%)	2 ( 4%)	2 ( 4%)	0 ( 0%)
	malignant lymphoma		0 ( 0%)	3 ( 6%)	1 ( 2%)	0 ( 0%)
	mastcytoma:malignant		1 ( 2%)	0 ( 0%)	0 ( 0%)	1 ( 2%)
	hemangiosarcoma		0 ( 0%)	0 ( 0%)	1 ( 2%)	0 ( 0%)
(Digestive system)						
stomach			<50>	<50>	<50>	<50>
	squamous cell papilloma		0 ( 0%)	1 ( 2%)	1 ( 2%)	0 ( 0%)
liver			<50>	<50>	<50>	<50>
	hemangioma		1 ( 2%)	0 ( 0%)	2 ( 4%)	2 ( 4%)
	hepatocellular adenoma		4 ( 8%)	4 ( 8%)	3 ( 6%)	0 ( 0%)
	histiocytic sarcoma		4 ( 8%)	0 ( 0%)	1 ( 2%)	1 ( 2%)
	hemangiosarcoma		1 ( 2%)	1 ( 2%)	2 ( 4%)	3 ( 6%)
	hepatocellular carcinoma		0 ( 0%)	2 ( 4%)	0 ( 0%)	1 ( 2%)
gall bladd			<50>	<50>	<50>	<50>
	papillary adenoma		0 ( 0%)	0 ( 0%)	1 ( 2%)	0 ( 0%)

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

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 7

Organ	Findings	Group Name No. of animals on Study	Control 50	250 ppm 50	1000 ppm 50	4000 ppm 50
{Endocrine system}						
pituitary			<50>	<50>	<50>	<49>
	adenoma		2 ( 4%)	0 ( 0%)	5 ( 10%)	4 ( 8%)
{Reproductive system}						
ovary			<50>	<50>	<50>	<50>
	hemangioma		0 ( 0%)	1 ( 2%)	1 ( 2%)	0 ( 0%)
	papillary adenoma		0 ( 0%)	2 ( 4%)	0 ( 0%)	1 ( 2%)
uterus			<50>	<50>	<50>	<50>
	hemangioma		1 ( 2%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
	histiocytic sarcoma		8 ( 16%)	7 ( 14%)	17 ( 34%)	12 ( 24%)
mammary gl			<50>	<50>	<50>	<50>
	adenocarcinoma		1 ( 2%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
{Special sense organs/appendage}						
Harder gl			<50>	<50>	<50>	<50>
	adenoma		0 ( 0%)	3 ( 6%)	1 ( 2%)	2 ( 4%)
{Musculoskeletal system}						
muscle			<50>	<50>	<50>	<50>
	leiomyosarcoma		1 ( 2%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
bone			<50>	<50>	<50>	<50>
	osteoma		1 ( 2%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
{Body cavities}						
retroperit			<50>	<50>	<50>	<50>
	histiocytic sarcoma		0 ( 0%)	0 ( 0%)	0 ( 0%)	1 ( 2%)

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

TABLE O 1

NEOPLASTIC LESIONS-INCIDENCE AND  
STATISTICAL ANALYSIS: MALE

STUDY No. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 1

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : lung TUMOR : bronchiolar-alveolar adenoma				
Tumor rate				
Overall rates(a)	5/50( 10.0)	4/50( 8.0)	7/50( 14.0)	4/50( 8.0)
Adjusted rates(b)	11.43	10.34	19.35	10.00
Terminal rates(c)	3/31( 9.7)	3/29( 10.3)	5/29( 17.2)	1/16( 6.3)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.4743			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.7395			
Fisher Exact test(e)		P = 0.5000	P = 0.3798	P = 0.5000
SITE : lung TUMOR : bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	5/50( 10.0)	6/50( 12.0)	8/50( 16.0)	1/50( 2.0)
Adjusted rates(b)	13.89	16.67	19.35	6.25
Terminal rates(c)	4/31( 12.9)	4/29( 13.8)	5/29( 17.2)	1/16( 6.3)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5588			
Prevalence method(d)	P = 0.8797			
Combined analysis(d)	P = 0.8969			
Cochran-Armitage test(e)	P = 0.0595			
Fisher Exact test(e)		P = 0.5000	P = 0.2768	P = 0.1022
SITE : lung TUMOR : bronchiolar-alveolar adenoma, bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	10/50( 20.0)	10/50( 20.0)	14/50( 28.0)	5/50( 10.0)
Adjusted rates(b)	25.00	26.67	35.48	12.50
Terminal rates(c)	7/31( 22.6)	7/29( 24.1)	10/29( 34.5)	2/16( 12.5)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5588			
Prevalence method(d)	P = 0.8084			
Combined analysis(d)	P = 0.8305			
Cochran-Armitage test(e)	P = 0.1002			
Fisher Exact test(e)		P = 0.5984	P = 0.2415	P = 0.1312

STUDY No. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 2

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : lymph node TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	6/50( 12.0)	4/50( 8.0)	3/50( 6.0)	2/50( 4.0)
Adjusted rates(b)	9.68	10.34	10.34	6.25
Terminal rates(c)	3/31( 9.7)	3/29( 10.3)	3/29( 10.3)	1/16( 6.3)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5931			
Prevalence method(d)	P = 0.6406			
Combined analysis(d)	P = 0.6976			
Cochran-Armitage test(e)	P = 0.1956			
Fisher Exact test(e)		P = 0.3703	P = 0.2435	P = 0.1343
SITE : spleen TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	1/50( 2.0)	0/50( 0.0)	6/50( 12.0)	2/50( 4.0)
Adjusted rates(b)	3.23	0.0	14.63	6.25
Terminal rates(c)	1/31( 3.2)	0/29( 0.0)	3/29( 10.3)	1/16( 6.3)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.2366			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.6399			
Fisher Exact test(e)		P = 0.5000	P = 0.0559	P = 0.5000
SITE : spleen TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	0/50( 0.0)	0/50( 0.0)	3/50( 6.0)	1/50( 2.0)
Adjusted rates(b)	0.0	0.0	8.82	6.25
Terminal rates(c)	0/31( 0.0)	0/29( 0.0)	2/29( 6.9)	1/16( 6.3)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.1556			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.5794			
Fisher Exact test(e)		P = N. C.	P = 0.1212	P = 0.5000



STUDY No. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
 SEX : MALE

NEOPLASTIC LESIONS--INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 3

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : spleen TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	1/50( 2.0)	0/50( 0.0)	9/50( 18.0)	3/50( 6.0)
Adjusted rates(b)	3.23	0.0	21.95	12.50
Terminal rates(c)	1/31( 3.2)	0/29( 0.0)	5/29( 17.2)	2/16( 12.5)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.1265			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.4788			
Fisher Exact test(e)		P = 0.5000	P = 0.0078**	P = 0.3087
SITE : liver TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	2/50( 4.0)	2/50( 4.0)	5/50( 10.0)	3/50( 6.0)
Adjusted rates(b)	3.23	0.0	7.50	13.04
Terminal rates(c)	1/31( 3.2)	0/29( 0.0)	2/29( 6.9)	2/16( 12.5)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.8249			
Prevalence method(d)	P = 0.0450*			
Combined analysis(d)	P = 0.2212			
Cochran-Armitage test(e)	P = 0.7439			
Fisher Exact test(e)		P = 0.6913	P = 0.2180	P = 0.5000
SITE : liver TUMOR : hepatocellular adenoma				
Tumor rate				
Overall rates(a)	9/50( 18.0)	14/50( 28.0)	10/50( 20.0)	2/50( 4.0)
Adjusted rates(b)	25.81	41.38	30.00	7.69
Terminal rates(c)	8/31( 25.8)	12/29( 41.4)	8/29( 27.6)	1/16( 6.3)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.9834			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.0043**			
Fisher Exact test(e)		P = 0.1710	P = 0.5000	P = 0.0256*

STUDY No. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 4

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : liver TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	5/50( 10.0)	1/50( 2.0)	1/50( 2.0)	1/50( 2.0)
Adjusted rates(b)	5.26	0.0	0.0	0.0
Terminal rates(c)	1/31( 3.2)	0/29( 0.0)	0/29( 0.0)	0/16( 0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5823			
Prevalence method(d)	P = 0.9227			
Combined analysis(d)	P = 0.7689			
Cochran-Armitage test(e)	P = 0.2348			
Fisher Exact test(e)		P = 0.1022	P = 0.1022	P = 0.1022
SITE : liver TUMOR : hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	7/50( 14.0)	15/50( 30.0)	5/50( 10.0)	2/50( 4.0)
Adjusted rates(b)	15.63	32.35	13.79	12.50
Terminal rates(c)	4/31( 12.9)	9/29( 31.0)	4/29( 13.8)	2/16( 12.5)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.8807			
Prevalence method(d)	P = 0.9694			
Combined analysis(d)	P = 0.9877			
Cochran-Armitage test(e)	P = 0.0073**			
Fisher Exact test(e)		P = 0.0448*	P = 0.3798	P = 0.0798
SITE : liver TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	2/50( 4.0)	3/50( 6.0)	7/50( 14.0)	4/50( 8.0)
Adjusted rates(b)	3.23	3.45	10.34	18.75
Terminal rates(c)	1/31( 3.2)	1/29( 3.4)	3/29( 10.3)	3/16( 18.8)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.8021			
Prevalence method(d)	P = 0.0248*			
Combined analysis(d)	P = 0.1437			
Cochran-Armitage test(e)	P = 0.6531			
Fisher Exact test(e)		P = 0.5000	P = 0.0798	P = 0.3389

STUDY No. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 SEX : MALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 5

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : liver TUMOR : hepatocellular adenoma, hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	15/50( 30.0)	24/50( 48.0)	13/50( 26.0)	4/50( 8.0)
Adjusted rates(b)	37.50	58.62	36.67	18.75
Terminal rates(c)	11/31( 35.5)	17/29( 58.6)	10/29( 34.5)	3/16( 18.8)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.8807			
Prevalence method(d)	P = 0.9963			
Combined analysis(d)	P = 0.9984			
Cochran-Armitage test(e)	P = 0.0001**			
Fisher Exact test(e)		P = 0.0502	P = 0.4120	P = 0.0047**
SITE : epididymis TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	1/50( 2.0)	1/50( 2.0)	3/50( 6.0)	1/50( 2.0)
Adjusted rates(b)	0.0	3.45	6.90	0.0
Terminal rates(c)	0/31( 0.0)	1/29( 3.4)	2/29( 6.9)	0/16( 0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.2543			
Prevalence method(d)	P = 0.5152			
Combined analysis(d)	P = 0.3570			
Cochran-Armitage test(e)	P = 0.8709			
Fisher Exact test(e)		P = 0.7525	P = 0.3087	P = 0.7525

STUDY No. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 6

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : Harderian gland				
TUMOR : adenoma				
Tumor rate				
Overall rates(a)	4/49( 8.2)	2/50( 4.0)	1/50( 2.0)	1/50( 2.0)
Adjusted rates(b)	12.12	6.90	3.45	2.27
Terminal rates(c)	3/31( 9.7)	2/29( 6.9)	1/29( 3.4)	0/16( 0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.7661			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.2532			
Fisher Exact test(e)		P = 0.3292	P = 0.1748	P = 0.1748

(HPT360A)

BATS1

(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. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 1

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : ALL SITE TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	3/50( 6.0)	2/50( 4.0)	10/50( 20.0)	6/50( 12.0)
Adjusted rates(b)	6.45	0.0	20.00	25.00
Terminal rates(c)	2/31( 6.5)	0/29( 0.0)	5/29( 17.2)	4/16( 25.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.8249			
Prevalence method(d)	P = 0.0109*			
Combined analysis(d)	P = 0.0616			
Cochran-Armitage test(e)	P = 0.3156			
Fisher Exact test(e)		P = 0.5000	P = 0.0357*	P = 0.2435
SITE : ALL SITE TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	8/50( 16.0)	3/50( 6.0)	7/50( 14.0)	3/50( 6.0)
Adjusted rates(b)	8.11	6.90	13.79	6.25
Terminal rates(c)	2/31( 6.5)	2/29( 6.9)	4/29( 13.8)	1/16( 6.3)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5267			
Prevalence method(d)	P = 0.5907			
Combined analysis(d)	P = 0.6033			
Cochran-Armitage test(e)	P = 0.2585			
Fisher Exact test(e)		P = 0.0999	P = 0.5000	P = 0.0999
SITE : ALL SITE TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	6/50( 12.0)	4/50( 8.0)	5/50( 10.0)	2/50( 4.0)
Adjusted rates(b)	9.68	10.34	13.79	6.25
Terminal rates(c)	3/31( 9.7)	3/29( 10.3)	4/29( 13.8)	1/16( 6.3)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.6003			
Prevalence method(d)	P = 0.6316			
Combined analysis(d)	P = 0.6915			
Cochran-Armitage test(e)	P = 0.1863			
Fisher Exact test(e)		P = 0.3703	P = 0.5000	P = 0.1343

STUDY No. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 2

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : ALL SITE				
TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	0/50( 0.0)	1/50( 2.0)	4/50( 8.0)	1/50( 2.0)
Adjusted rates(b)	0.0	3.45	10.34	6.25
Terminal rates(c)	0/31( 0.0)	1/29( 3.4)	3/29( 10.3)	1/16( 6.3)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.2713			
Prevalence method(d)	P = 0.1989			
Combined analysis(d)	P = 0.2187			
Cochran-Armitage test(e)	P = 0.9223			
Fisher Exact test(e)		P = 0.5000	P = 0.0587	P = 0.5000

(HPT360A)

BAIS4

- (a): Number of tumor-bearing animals/number of animals examined at the site.  
 (b): Kaplan-Meier estimated tumor incidence at the end of the study after adjusting for intercurrent mortality.  
 (c): Observed tumor incidence at terminal kill.  
 (d): Beneath the control incidence are the P-values associated with the trend test.  
     Standard method : Death analysis  
     Prevalence method : Incidental tumor test  
     Combined analysis : Death analysis + Incidental tumor test  
 (e): The Cochran-Armitage and Fisher exact test compare directly the overall incidence rates.  
 ? : The conditional probabilities of the largest and smallest possible outcomes can not be estimated or this P-value is beyond the estimated P-value.  
 ----- : There is no data which should be statistical analysis.  
 Significant difference : \* :  $P \leq 0.05$     \*\* :  $P \leq 0.01$   
 N.C.: Statistical value cannot be calculated and was not significant.

**TABLE O 2**

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

STUDY No. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 7

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : lung TUMOR : bronchiolar-alveolar adenoma				
Tumor rate				
Overall rates(a)	1/50( 2.0)	3/50( 6.0)	1/50( 2.0)	2/50( 4.0)
Adjusted rates(b)	2.63	7.50	4.00	5.71
Terminal rates(c)	0/23( 0.0)	0/25( 0.0)	1/25( 4.0)	2/35( 5.7)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.4889			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.8920			
Fisher Exact test(e)		P = 0.3087	P = 0.7525	P = 0.5000
SITE : lung TUMOR : bronchiolar-alveolar adenoma, bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	1/50( 2.0)	4/50( 8.0)	2/50( 4.0)	3/50( 6.0)
Adjusted rates(b)	2.63	7.50	4.00	8.57
Terminal rates(c)	0/23( 0.0)	0/25( 0.0)	1/25( 4.0)	3/35( 8.6)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.6699			
Prevalence method(d)	P = 0.2868			
Combined analysis(d)	P = 0.4082			
Cochran-Armitage test(e)	P = 0.7028			
Fisher Exact test(e)		P = 0.1811	P = 0.5000	P = 0.3087
SITE : lymph node TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	18/50( 36.0)	20/50( 40.0)	17/50( 34.0)	15/50( 30.0)
Adjusted rates(b)	17.39	28.00	20.00	28.57
Terminal rates(c)	4/23( 17.4)	7/25( 28.0)	5/25( 20.0)	10/35( 28.6)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.9970			
Prevalence method(d)	P = 0.2508			
Combined analysis(d)	P = 0.9576			
Cochran-Armitage test(e)	P = 0.3586			
Fisher Exact test(e)		P = 0.4185	P = 0.5000	P = 0.3355



STUDY No. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
SEX : FEMALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 8

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : spleen TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	0/50( 0.0)	3/50( 6.0)	1/50( 2.0)	0/50( 0.0)
Adjusted rates(b)	0.0	4.00	4.00	0.0
Terminal rates(c)	0/23( 0.0)	1/25( 4.0)	1/25( 4.0)	0/35( 0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.8237			
Prevalence method(d)	P = 0.7389			
Combined analysis(d)	P = 0.9038			
Cochran-Armitage test(e)	P = 0.2676			
Fisher Exact test(e)		P = 0.1212	P = 0.5000	P = N.C.
SITE : spleen TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	0/50( 0.0)	2/50( 4.0)	3/50( 6.0)	0/50( 0.0)
Adjusted rates(b)	0.0	7.69	8.00	0.0
Terminal rates(c)	0/23( 0.0)	1/25( 4.0)	2/25( 8.0)	0/35( 0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.3471			
Prevalence method(d)	P = 0.8620			
Combined analysis(d)	P = 0.8587			
Cochran-Armitage test(e)	P = 0.3844			
Fisher Exact test(e)		P = 0.2475	P = 0.1212	P = N.C.
SITE : liver TUMOR : hepatocellular adenoma				
Tumor rate				
Overall rates(a)	4/50( 8.0)	4/50( 8.0)	3/50( 6.0)	0/50( 0.0)
Adjusted rates(b)	13.79	16.00	12.00	0.0
Terminal rates(c)	2/23( 8.7)	4/25( 16.0)	3/25( 12.0)	0/35( 0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.9956			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.0423*			
Fisher Exact test(e)		P = 0.6425	P = 0.5000	P = 0.0587

STUDY No. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 9

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : liver TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	4/50( 8.0)	0/50( 0.0)	1/50( 2.0)	1/50( 2.0)
Adjusted rates(b)	2.38	0.0	2.08	2.86
Terminal rates(c)	0/23( 0.0)	0/25( 0.0)	0/25( 0.0)	1/35( 2.9)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.9607			
Prevalence method(d)	P = 0.3422			
Combined analysis(d)	P = 0.7745			
Cochran-Armitage test(e)	P = 0.4549			
Fisher Exact test(e)		P = 0.0587	P = 0.1811	P = 0.1811
SITE : liver TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	1/50( 2.0)	1/50( 2.0)	2/50( 4.0)	3/50( 6.0)
Adjusted rates(b)	4.35	4.00	4.00	5.71
Terminal rates(c)	1/23( 4.3)	1/25( 4.0)	1/25( 4.0)	2/35( 5.7)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.2237			
Prevalence method(d)	P = 0.3524			
Combined analysis(d)	P = 0.2290			
Cochran-Armitage test(e)	P = 0.2219			
Fisher Exact test(o)		P = 0.7525	P = 0.5000	P = 0.3087
SITE : liver TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	2/50( 4.0)	1/50( 2.0)	3/50( 6.0)	5/50( 10.0)
Adjusted rates(b)	4.35	4.00	8.00	8.57
Terminal rates(c)	1/23( 4.3)	1/25( 4.0)	2/25( 8.0)	3/35( 8.6)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4033			
Prevalence method(d)	P = 0.0979			
Combined analysis(d)	P = 0.1161			
Cochran-Armitage test(e)	P = 0.0865			
Fisher Exact test(e)		P = 0.5000	P = 0.5000	P = 0.2180

STUDY No. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
SEX : FEMALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 10

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : liver TUMOR : hepatocellular adenoma, hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	4/50( 8.0)	5/50( 10.0)	3/50( 6.0)	1/50( 2.0)
Adjusted rates(b)	13.79	20.00	12.00	2.13
Terminal rates(c)	2/23( 8.7)	5/25( 20.0)	3/25( 12.0)	0/35( 0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.9787			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.1129			
Fisher Exact test(e)		P = 0.5000	P = 0.5000	P = 0.1811
SITE : pituitary gland TUMOR : adenoma				
Tumor rate				
Overall rates(a)	2/50( 4.0)	0/50( 0.0)	5/50( 10.0)	4/49( 8.2)
Adjusted rates(b)	4.35	0.0	12.00	8.11
Terminal rates(c)	1/23( 4.3)	0/25( 0.0)	3/25( 12.0)	2/35( 5.7)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.2792			
Prevalence method(d)	P = 0.1904			
Combined analysis(d)	P = 0.1533			
Cochran-Armitage test(e)	P = 0.1897			
Fisher Exact test(e)		P = 0.2475	P = 0.2180	P = 0.3292
SITE : uterus TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	8/50( 16.0)	7/50( 14.0)	17/50( 34.0)	12/50( 24.0)
Adjusted rates(b)	14.29	4.00	28.00	12.20
Terminal rates(c)	3/23( 13.0)	1/25( 4.0)	7/25( 28.0)	4/35( 11.4)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4025			
Prevalence method(d)	P = 0.3987			
Combined analysis(d)	P = 0.3683			
Cochran-Armitage test(e)	P = 0.3354			
Fisher Exact test(e)		P = 0.5000	P = 0.0317*	P = 0.2270

STUDY No. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 11

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : Harderian gland				
TUMOR : adenoma				
Tumor rate				
Overall rates(a)	0/50( 0.0)	3/50( 6.0)	1/50( 2.0)	2/50( 4.0)
Adjusted rates(b)	0.0	6.38	4.00	4.65
Terminal rates(c)	0/23( 0.0)	0/25( 0.0)	1/25( 4.0)	1/35( 2.9)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.3124			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.6260			
Fisher Exact test(e)		P = 0.1212	P = 0.5000	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 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. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 3

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : ALL SITE TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	2/50( 4.0)	4/50( 8.0)	4/50( 8.0)	2/50( 4.0)
Adjusted rates(b)	4.35	15.38	13.33	4.08
Terminal rates(c)	1/23( 4.3)	3/25( 12.0)	3/25( 12.0)	1/35( 2.9)
Statistical analysis				
Peto test				
Standard method(d)	P = 1.0000 ?			
Prevalence method(d)	P = 0.7200			
Combined analysis(d)	P = 0.7969			
Cochran-Armitage test(e)	P = 0.6076			
Fisher Exact test(e)		P = 0.3389	P = 0.3389	P = 0.6913
SITE : ALL SITE TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	12/50( 24.0)	7/50( 14.0)	19/50( 38.0)	14/50( 28.0)
Adjusted rates(b)	14.29	4.00	28.00	17.14
Terminal rates(c)	3/23( 13.0)	1/25( 4.0)	7/25( 28.0)	6/35( 17.1)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.6129			
Prevalence method(d)	P = 0.2035			
Combined analysis(d)	P = 0.3884			
Cochran-Armitage test(e)	P = 0.3902			
Fisher Exact test(e)		P = 0.1540	P = 0.0971	P = 0.4100
SITE : ALL SITE TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	18/50( 36.0)	23/50( 46.0)	18/50( 36.0)	15/50( 30.0)
Adjusted rates(b)	17.39	32.00	24.00	28.57
Terminal rates(c)	4/23( 17.4)	8/25( 32.0)	6/25( 24.0)	10/35( 28.6)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.9983			
Prevalence method(d)	P = 0.3395			
Combined analysis(d)	P = 0.9781			
Cochran-Armitage test(e)	P = 0.2193			
Fisher Exact test(e)		P = 0.2081	P = 0.5824	P = 0.3355

STUDY No. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 SEX : FEMALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 4

Group Name	Control	250 ppm	1000 ppm	4000 ppm
SITE : ALL SITE				
TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	1/50( 2.0)	1/50( 2.0)	3/50( 6.0)	3/50( 6.0)
Adjusted rates(b)	4.35	4.00	4.00	5.71
Terminal rates(c)	1/23( 4.3)	1/25( 4.0)	1/25( 4.0)	2/35( 5.7)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.2782			
Prevalence method(d)	P = 0.3524			
Combined analysis(d)	P = 0.2616			
Cochran-Armitage test(e)	P = 0.2824			
Fisher Exact test(e)		P = 0.7525	P = 0.3087	P = 0.3087

(HPT360A)

BATS4

- (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. : 0685  
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	250 ppm 50	1000 ppm 50	4000 ppm 50
{Integumentary system/appandage}						
subcutis	metastasis:epididymis tumor		<50> 0	<50> 0	<50> 0	<50> 1
{Respiratory system}						
nasal cavit	leukemic cell infiltration		<50> 1	<50> 0	<50> 0	<50> 0
	metastasis:epididymis tumor		0	0	0	1
lung	leukemic cell infiltration		<50> 2	<50> 1	<50> 1	<50> 1
	metastasis:liver tumor		3	3	3	0
	metastasis:subcutis tumor		2	0	0	0
	metastasis:bone tumor		1	0	0	0
	metastasis:epididymis tumor		0	0	1	0
	metastasis:kidney tumor		1	1	0	0
{Hematopoietic system}						
bone marrow	leukemic cell infiltration		<50> 1	<50> 0	<50> 2	<50> 0
	metastasis:epididymis tumor		0	0	0	1
lymph node	metastasis:liver tumor		<50> 1	<50> 0	<50> 0	<50> 0
	metastasis:epididymis tumor		0	0	0	1

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



STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 2

Group Name No. of Animals on Study		Control 50	250 ppm 50	1000 ppm 50	4000 ppm 50
Organ	Findings				
{Hematopoietic system}					
spleen	leukemic cell infiltration	<50> 5	<50> 2	<50> 1	<50> 1
{Circulatory system}					
heart	leukemic cell infiltration	<50> 1	<50> 0	<50> 0	<50> 0
	metastasis:liver tumor	1	0	0	0
{Digestive system}					
salivary gl	leukemic cell infiltration	<50> 0	<49> 0	<50> 1	<50> 0
stomach	leukemic cell infiltration	<50> 0	<50> 1	<50> 0	<50> 0
small intes	leukemic cell infiltration	<50> 1	<50> 0	<50> 0	<50> 1
liver	leukemic cell infiltration	<50> 3	<50> 1	<50> 2	<50> 0
	metastasis:urinary bladder tumor	0	0	0	1
	metastasis:epididymis tumor	1	0	1	1
pancreas	leukemic cell infiltration	<50> 1	<50> 0	<50> 0	<50> 0
	metastasis:liver tumor	1	0	0	0
{Urinary system}					
kidney	leukemic cell infiltration	<50> 1	<50> 0	<50> 1	<50> 0

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

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 3

Group Name No. of Animals on Study		Control 50	250 ppm 50	1000 ppm 50	4000 ppm 50
Organ	Findings				
{Urinary system}					
kidney	metastasis:liver tumor	<50> 0	<50> 0	<50> 0	<50> 1
	metastasis:epididymis tumor	0	1	0	0
urin bladd	metastasis:liver tumor	<50> 1	<50> 0	<50> 0	<50> 0
{Reproductive system}					
testis	metastasis:epididymis tumor	<50> 0	<50> 0	<50> 1	<50> 1
	leukemic cell infiltration	<50> 1	<50> 0	<50> 2	<50> 0
semin ves	leukemic cell infiltration	<50> 0	<50> 1	<50> 1	<50> 0
	metastasis:liver tumor	0	0	0	1
	leukemic cell infiltration	<50> 2	<50> 0	<50> 0	<50> 0
prostate	metastasis:epididymis tumor	0	0	1	0
{Nervous system}					
brain	leukemic cell infiltration	<50> 1	<50> 0	<50> 1	<50> 0
	leukemic cell infiltration	<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. : 0685  
ANIMAL : MOUSE B6D2F1/Crlj[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	250 ppm 50	1000 ppm 50	4000 ppm 50
{Special sense organs/appendage}						
eye	leukemic cell infiltration		<50> 0	<50> 0	<50> 1	<50> 0
{Musculoskeletal system}						
muscle	leukemic cell infiltration		<50> 0	<50> 1	<50> 0	<50> 0
{Body cavities}						
pleura	metastasis:epididymis tumor		<50> 0	<50> 0	<50> 1	<50> 0
mediastinum	metastasis:subcutis tumor		<50> 1	<50> 0	<50> 0	<50> 0
	metastasis:epididymis tumor		0	0	1	0
peritoneum	leukemic cell infiltration		<50> 0	<50> 0	<50> 1	<50> 0
	metastasis:liver tumor		1	0	0	0
	metastasis:epididymis tumor		0	0	1	0
	metastasis:kidney tumor		0	1	0	0
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

TABLE P 2

HISTOPATHOLOGICAL FINDINGS:  
METASTASIS OF TUMOR: FEMALE

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 5

Group Name No. of Animals on Study		Control 50	250 ppm 50	1000 ppm 50	4000 ppm 50
Organ	Findings				
{Integumentary system/appandage}					
skin/app		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	2	1	1
subcutis		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	3	0	1
	metastasis:uterus tumor	0	0	1	0
{Respiratory system}					
nasal cavit		<50>	<50>	<50>	<50>
	leukemic cell infiltration	1	1	1	1
	metastasis:liver tumor	0	0	1	0
	metastasis:uterus tumor	0	0	2	0
larynx		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	1	0	1
lung		<50>	<50>	<50>	<50>
	leukemic cell infiltration	13	16	12	9
	metastasis:liver tumor	3	0	0	1
	metastasis:uterus tumor	2	5	2	3
	metastasis:subcutis tumor	1	0	0	1
	metastasis:muscle tumor	1	0	0	0
{Hematopoietic system}					
bone marrow		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	11	8	4

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

STUDY NO. : 0685  
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	250 ppm 50	1000 ppm 50	4000 ppm 50
{Hematopoietic system}						
bone marrow			<50>	<50>	<50>	<50>
	metastasis:liver tumor		2	0	0	0
	metastasis:uterus tumor		0	1	3	2
lymph node			<50>	<50>	<50>	<50>
	metastasis:uterus tumor		2	0	1	2
	metastasis:spleen tumor		1	0	0	0
thymus			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	0	1
spleen			<50>	<50>	<50>	<50>
	leukemic cell infiltration		13	15	7	8
	metastasis:liver tumor		2	0	0	0
	metastasis:subcutis tumor		1	0	0	0
{Circulatory system}						
heart			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	3	4	2
	metastasis:uterus tumor		2	0	1	1
{Digestive system}						
tongue			<50>	<50>	<50>	<50>
	leukemic cell infiltration		2	2	3	1
	metastasis:lung tumor		0	1	0	0

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

STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 7

Organ	Findings	Group Name No. of Animals on Study	Control 50	250 ppm 50	1000 ppm 50	4000 ppm 50
(Digestive system)						
salivary gl			<50>	<50>	<50>	<50>
	leukemic cell infiltration		2	8	2	2
	metastasis:subcutis tumor		1	0	0	0
esophagus			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	0	1
stomach			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	1	1	0
	metastasis:subcutis tumor		1	0	0	0
small intes			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	2	0
liver			<50>	<50>	<50>	<50>
	leukemic cell infiltration		13	15	7	8
	metastasis:uterus tumor		4	6	13	6
	metastasis:subcutis tumor		1	0	0	1
pancreas			<50>	<50>	<50>	<50>
	leukemic cell infiltration		3	5	4	2
	metastasis:uterus tumor		1	1	2	2
	metastasis:retroperitoneum tumor		0	0	0	1
(Urinary system)						
kidney			<50>	<50>	<50>	<50>
	leukemic cell infiltration		4	6	5	5

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

STUDY NO. : 0685  
 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	250 ppm 50	1000 ppm 50	4000 ppm 50
{Urinary system}						
kidney			<50>	<50>	<50>	<50>
	metastasis:uterus tumor		0	2	2	3
urin bladd			<50>	<50>	<50>	<50>
	leukemic cell infiltration		7	7	4	3
	metastasis:uterus tumor		0	1	0	2
{Endocrine system}						
thyroid			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	1	0	0
adrenal			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	4	1	0
	metastasis:liver tumor		1	0	0	0
	metastasis:subcutis tumor		0	0	0	1
	metastasis:lung tumor		0	1	0	0
{Reproductive system}						
ovary			<50>	<50>	<50>	<50>
	leukemic cell infiltration		2	8	2	3
	metastasis:uterus tumor		4	5	9	7
uterus			<50>	<50>	<50>	<50>
	leukemic cell infiltration		4	4	2	3
{Nervous system}						
brain			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	5	0	1

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



STUDY NO. : 0685  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 9

Organ	Findings	Group Name No. of Animals on Study	Control 50	250 ppm 50	1000 ppm 50	4000 ppm 50
{Nervous system}						
brain	metastasis:liver tumor		<50> 1	<50> 0	<50> 0	<50> 0
spinal cord	leukemic cell infiltration		<50> 1	<50> 3	<50> 0	<50> 0
{Special sense organs/appendage}						
eye	leukemic cell infiltration		<50> 0	<50> 0	<50> 0	<50> 1
	metastasis:lung tumor		0	1	0	0
Harder gl	leukemic cell infiltration		<50> 1	<50> 2	<50> 2	<50> 1
{Musculoskeletal system}						
muscle	leukemic cell infiltration		<50> 1	<50> 3	<50> 0	<50> 1
{Body cavities}						
pleura	leukemic cell infiltration		<50> 0	<50> 0	<50> 0	<50> 2
	metastasis:subcutis tumor		1	0	0	0
mediastinum	leukemic cell infiltration		<50> 7	<50> 9	<50> 5	<50> 4
	metastasis:subcutis tumor		1	0	0	0

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

STUDY NO. : 0685  
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	250 ppm	1000 ppm	4000 ppm
		No. of Animals on Study	50	50	50	50
Organ	Findings					
{Body cavities}						
peritoneum			<50>	<50>	<50>	<50>
	leukemic cell infiltration		3	3	2	1
	metastasis:uterus tumor		1	1	0	0
	metastasis:subcutis tumor		1	0	0	0

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

(JPT150)

BAIS4

TABLE Q 1

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

TABLE Q 1 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. (%)
Spleen	2244			
Hemangioma		48	2.1	0 - 10
Hemangiosarcoma		59	2.6	0 - 10
Hemangioma+Hemangiosarcoma		107	4.8	0 - 14
Liver	2245			
Hemangioma		70	3.1	0 - 14
Hemangiosarcoma		96	4.3	0 - 14
Hemangioma+Hemangiosarcoma		166	7.4	0 - 16
All site	2245			
Hemangioma		145	6.5	0 - 18
Hemangiosarcoma		157	7.0	0 - 18
Hemangioma+Hemangiosarcoma		279	12.4	0 - 22

45 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, 0580, 0611, 0613, 0642, 0676, 0705

TABLE Q 2

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

TABLE Q 2 HISTORICAL CONTROL DATA OF SELECTED NEOPLASTIC LESIONS IN  
JAPAN BIOASSAY RESEARCH CENTER : B6D2F1/Crlj FEMALE MICE

Organs Tumors	No. of animals examined	No. of animals bearing tumor	Incidence (%)	Min. - Max. (%)
Uterus Histiocytic sarcoma	2245	464	20.7	10 - 34

45 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, 0580, 0611, 0613,  
0642, 0676, 0705

TABLE R 1

CAUSE OF DEATH: MALE

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
SEX : MALE

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

PAGE : 1

Group Name	Control	250 ppm	1000 ppm	4000 ppm
Number of Dead and Moribund Animal	19	21	21	34
no microscop confirm	0	2	0	3
renal lesion	0	1	1	2
thrombosis	0	0	1	3
urinary retention	2	6	8	21
hydronephrosis	3	3	2	2
tumor d:leukemia	3	1	1	1
tumor d:subcutis	2	0	0	0
tumor d:lung	0	1	1	0
tumor d:salivary gl	0	0	1	0
tumor d:small intes	1	0	0	0
tumor d:liver	6	6	5	1
tumor d:kidney	1	1	0	0
tumor d:epididymis	1	0	1	1

(B10120)

BATS4



**TABLE R 2**

**CAUSE OF DEATH: FEMALE**

STUDY NO. : 0685  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
SEX : FEMALE

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

PAGE : 2

Group Name	Control	250 ppm	1000 ppm	4000 ppm
Number of Dead and Moribund Animal	27	25	25	15
no microscop confirm	0	2	0	0
thrombosis	0	1	0	0
arteritis	1	0	0	0
hydronephrosis	0	0	1	0
tumor d:leukemia	14	15	10	5
tumor d:subcutis	2	0	1	1
tumor d:lung	0	1	1	0
tumor d:spleen	0	0	1	0
tumor d:liver	4	0	2	1
tumor d:pituitary	1	0	0	1
tumor d:uterus	4	6	9	7
tumor d:muscle	1	0	0	0

(BI0120)

BATS4