

アクロレインのマウスを用いた吸入によるがん原性試験報告書

試験番号：0817

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B6D2F1/CrIj FEMALE MICE

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TABLE A

CONCENTRATIONS OF ACROLEIN
IN THE INHALATION CHAMBER
OF THE INHALATION CARCINOGENICITY STUDY

CONCENTRATIONS OF ACROLEIN IN THE INHALATION CHAMBER
OF THE INHALATION CARCINOGENICITY STUDY

Group Name	Concentration(ppm)
	Mean $\pm$ S.D.
Control	0.00 $\pm$ 0.00
0.1 ppm	0.10 $\pm$ 0.00
0.4 ppm	0.40 $\pm$ 0.00
1.6 ppm	1.60 $\pm$ 0.01

TABLE B1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
REPORT TYPE : A1 93
SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 1

Group Name	Animals At start	Administration (Weeks)													
		0	1	2	3	4	5	6	7	8	9	10	11	12	13
Control	50	50/50	50/50	50/50	50/50	50/50	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
0.1ppm	50	50/50	50/50	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
0.4ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	49/50	49/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0	98.0	98.0	98.0
1.6ppm	50	50/50	50/50	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(%)															

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 93
SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 2

Group	Name	Animals At start	Administration (Weeks)													
			14	15	16	17	18	19	20	21	22	23	24	25	26	27
	Control	50	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	47/50
			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	94.0
	0.1ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	49/50	49/50	49/50
			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0	98.0	98.0	98.0	98.0
	0.4ppm	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
	1.6ppm	50	50/50	50/50	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(%)																

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 93
SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 3

Group	Name	Animals At start	Administration (Weeks)													
			28	29	30	31	32	33	34	35	36	37	38	39	40	41
	Control	50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50
			94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
	0.1ppm	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
	0.4ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	48/50	48/50
			98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0
	1.6ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	49/50
			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0	98.0	98.0
Number of survival/ Number of effective animals																
Survival rate(%)																

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
REPORT TYPE : A1 93
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	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	46/50	46/50	46/50
			94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	92.0	92.0
	0.1ppm	50	48/50	48/50	47/50	47/50	47/50	47/50	47/50	47/50	46/50	46/50	46/50	46/50	46/50	46/50
			96.0	96.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	92.0	92.0	92.0	92.0	92.0
	0.4ppm	50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50
			94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	92.0	92.0	92.0	92.0	92.0	92.0
	1.6ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
			98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
Number of survival/ Number of effective animals																
Survival rate(%)																

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 93
SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 5

Group	Name	Animals At start	Administration (Weeks)													
			56	57	58	59	60	61	62	63	64	65	66	67	68	69
	Control	50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	45/50	45/50	45/50	45/50	45/50	45/50
			92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	90.0	90.0	90.0	90.0	90.0
	0.1ppm	50	46/50	46/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	44/50	44/50	43/50	43/50	43/50
			92.0	92.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	88.0	88.0	86.0	86.0
	0.4ppm	50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	45/50	44/50	44/50	44/50	44/50
			92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	90.0	88.0	88.0	88.0
	1.6ppm	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	47/50
			98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0	96.0
Number of survival/ Number of effective animals																
Survival rate(%)																

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
REPORT TYPE : A1 93
SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 6

Group	Name	Animals At start	Administration (Weeks)													
			70	71	72	73	74	75	76	77	78	79	80	81	82	83
	Control	50	45/50	45/50	45/50	45/50	42/50	42/50	42/50	40/50	38/50	37/50	37/50	34/50	33/50	33/50
			90.0	90.0	90.0	90.0	84.0	84.0	84.0	80.0	76.0	74.0	74.0	68.0	66.0	66.0
	0.1ppm	50	43/50	43/50	43/50	43/50	43/50	43/50	42/50	41/50	39/50	34/50	33/50	32/50	29/50	28/50
			86.0	86.0	86.0	86.0	86.0	86.0	84.0	82.0	78.0	68.0	66.0	64.0	58.0	56.0
	0.4ppm	50	43/50	42/50	42/50	42/50	42/50	41/50	39/50	39/50	38/50	35/50	34/50	32/50	31/50	30/50
			86.0	84.0	84.0	84.0	84.0	82.0	78.0	78.0	76.0	70.0	68.0	64.0	62.0	60.0
	1.6ppm	50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	45/50	44/50	44/50	42/50	40/50	37/50
			94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	90.0	88.0	88.0	84.0	80.0
Number of survival/ Number of effective animals																
Survival rate(%)																

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 93
SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 7

Group Name	Animals At start	Administration (Weeks)									
		84	85	86	87	88	89	90	91	92	93
Control	50	32/50	29/50	26/50	23/50	23/50	18/50	17/50	15/50	15/50	11/50
		64.0	58.0	52.0	46.0	46.0	36.0	34.0	30.0	30.0	22.0
0.1ppm	50	24/50	22/50	22/50	22/50	22/50	19/50	19/50	18/50	17/50	15/50
		48.0	44.0	44.0	44.0	44.0	38.0	38.0	36.0	34.0	30.0
0.4ppm	50	30/50	30/50	28/50	26/50	19/50	17/50	14/50	14/50	14/50	14/50
		60.0	60.0	56.0	52.0	38.0	34.0	28.0	28.0	28.0	28.0
1.6ppm	50	35/50	33/50	31/50	30/50	28/50	25/50	24/50	23/50	16/50	15/50
		70.0	66.0	62.0	60.0	56.0	50.0	48.0	46.0	32.0	30.0
Number of survival/ Number of effective animals Survival rate(%)											

TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A2 99
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

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
0. 1ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	49/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0
0. 4ppm	50	50/50	50/50	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
1. 6ppm	50	50/50	50/50	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(%)															

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
 REPORT TYPE : A2 99
 SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 2

Group	Name	Animals At start	Administration (Weeks)													
			14	15	16	17	18	19	20	21	22	23	24	25	26	27
	Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0.1ppm	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
	0.4ppm	50	50/50	50/50	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
	1.6ppm	50	50/50	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
			100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
Number of survival/ Number of effective animals																
Survival rate(%)																

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
REPORT TYPE : A2 99
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 3

Group	Name	Animals At start	Administration (Weeks)													
			28	29	30	31	32	33	34	35	36	37	38	39	40	41
	Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0.1ppm	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	98.0	96.0	96.0	96.0
	0.4ppm	50	50/50	50/50	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
	1.6ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
			98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
Number of survival/ Number of effective animals																
Survival rate(%)																

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
REPORT TYPE : A2 99
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 4

Group	Name	Animals At start	Administration (Weeks)													
			42	43	44	45	46	47	48	49	50	51	52	53	54	55
	Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	49/50	49/50
			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0
	0.1ppm	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
	0.4ppm	50	50/50	50/50	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
	1.6ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
			98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
Number of survival/			Number of effective animals													
Survival rate(%)																

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
REPORT TYPE : A2 99
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 5

Group	Name	Animals At start	Administration (Weeks)													
			56	57	58	59	60	61	62	63	64	65	66	67	68	69
	Control	50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	47/50	45/50	45/50	45/50	45/50
			96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	94.0	90.0	90.0	90.0	90.0
	0.1ppm	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
	0.4ppm	50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	49/50	49/50	48/50	48/50	48/50	48/50	47/50
			100.0	100.0	100.0	100.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0	96.0	94.0
	1.6ppm	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	47/50	47/50
			98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	94.0	94.0
Number of survival/ Number of effective animals																
Survival rate(%)																

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
REPORT TYPE : A2 99
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 6

Group	Name	Animals At start	Administration (Weeks)													
			70	71	72	73	74	75	76	77	78	79	80	81	82	83
	Control	50	45/50	45/50	45/50	45/50	45/50	45/50	44/50	44/50	42/50	42/50	41/50	41/50	39/50	38/50
			90.0	90.0	90.0	90.0	90.0	90.0	88.0	88.0	84.0	84.0	82.0	82.0	78.0	76.0
	0.1ppm	50	48/50	47/50	47/50	47/50	47/50	46/50	45/50	45/50	45/50	45/50	45/50	43/50	43/50	42/50
			96.0	94.0	94.0	94.0	94.0	92.0	90.0	90.0	90.0	90.0	90.0	86.0	86.0	84.0
	0.4ppm	50	47/50	47/50	45/50	43/50	43/50	43/50	41/50	41/50	40/50	40/50	39/50	39/50	37/50	37/50
			94.0	94.0	90.0	86.0	86.0	86.0	82.0	82.0	80.0	80.0	78.0	78.0	74.0	74.0
	1.6ppm	50	47/50	46/50	46/50	46/50	46/50	46/50	45/50	45/50	45/50	45/50	43/50	42/50	42/50	42/50
			94.0	92.0	92.0	92.0	92.0	92.0	90.0	90.0	90.0	90.0	86.0	84.0	84.0	84.0
Number of survival/ Number of effective animals																
Survival rate(%)																

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A2 99
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 7

Group	Name	Animals At start	Administration (Weeks)													
			84	85	86	87	88	89	90	91	92	93	94	95	96	97
	Control	50	35/50	33/50	33/50	31/50	31/50	31/50	29/50	27/50	26/50	25/50	23/50	21/50	17/50	15/50
			70.0	66.0	66.0	62.0	62.0	62.0	58.0	54.0	52.0	50.0	46.0	42.0	34.0	30.0
	0.1ppm	50	42/50	39/50	38/50	37/50	36/50	33/50	31/50	31/50	31/50	29/50	26/50	25/50	22/50	21/50
			84.0	78.0	76.0	74.0	72.0	66.0	62.0	62.0	62.0	58.0	52.0	50.0	44.0	42.0
	0.4ppm	50	35/50	33/50	33/50	32/50	32/50	28/50	27/50	26/50	23/50	21/50	21/50	20/50	19/50	18/50
			70.0	66.0	66.0	64.0	64.0	56.0	54.0	52.0	46.0	42.0	42.0	40.0	38.0	36.0
	1.6ppm	50	39/50	39/50	38/50	37/50	37/50	37/50	36/50	36/50	35/50	33/50	31/50	28/50	26/50	25/50
			78.0	78.0	76.0	74.0	74.0	74.0	72.0	72.0	70.0	66.0	62.0	56.0	52.0	50.0
Number of survival/ Number of effective animals																
Survival rate(%)																

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A2 99
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 8

Group Name	Animals At start	Administration (Weeks)	
		98	99
Control	50	13/50 26.0	11/50 22.0
0.1ppm	50	20/50 40.0	18/50 36.0
0.4ppm	50	15/50 30.0	14/50 28.0
1.6ppm	50	21/50 42.0	19/50 38.0
Number of survival/ Number of effective animals Survival rate(%)			

(HAN360)

BA1S5

TABLE C1

CLINICAL OBSERVATION : MALE

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
 REPORT TYPE : A1 93

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

PAGE : 1

Clinical sign	Group Name	Administration Week-day													
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
DEATH	Control	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
 REPORT TYPE : A1 93

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	1	1	1	1	1	1	1	1	1	2	2	2	3	3
	0.1ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	0.4ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
REPORT TYPE : A1 93

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												
DEATH	Control	3	3	3		3	3	3	3	3	3	3	3	3	3	3
	0.1ppm	1	1	1		1	1	1	1	1	1	1	1	1	1	2
	0.4ppm	1	1	1		1	1	1	1	1	1	1	1	1	1	2
	1.6ppm	0	0	0		0	0	0	0	0	0	1	1	1	1	1
MORIBUND SACRIFICE	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	1	1	1
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	1	1
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	1	1	1	1	1	1	1	1	1
SOILED PERI-GENITALIA	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 93

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	3	3	3	3	3	3	3	3	3	3	4	4	4	4
	0.1ppm	2	3	3	3	3	3	3	4	4	4	4	4	4	4
	0.4ppm	2	2	2	2	2	2	3	3	3	3	3	3	3	3
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	1	1	1	1	1	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 93

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

PAGE : 5

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	4	4	4	4	4	4	4	5	5	5	5	5	5	5
	0.1ppm	4	5	5	5	5	5	5	5	6	6	7	7	7	7
	0.4ppm	3	3	3	3	3	3	3	3	4	5	5	5	5	6
	1.6ppm	1	1	1	1	1	1	1	1	1	1	1	1	2	2
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	1	1	1	1	0	0	1	1	1	1	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
REPORT TYPE : A1 93

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	8	8	8	10	11	12	12	13	13	13	14
	0.1ppm	7	7	7	7	7	7	8	10	14	14	15	17	18	21
	0.4ppm	7	7	7	7	7	9	9	10	13	14	16	17	18	18
	1.6ppm	2	2	2	2	2	2	2	3	4	4	5	6	8	10
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	1	1	1	3	4	4	4
	0.1ppm	0	0	0	0	0	1	1	1	2	3	3	4	4	5
	0.4ppm	1	1	1	1	2	2	2	2	2	2	2	2	2	2
	1.6ppm	1	1	1	1	1	1	1	2	2	2	3	4	5	5
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	1	1	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	1	1	1	1	1	1	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1.6ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
 REPORT TYPE : A1 93

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
DEATH	Control	17	20	22	22	23	24	25	25	29
	0.1ppm	22	22	22	22	25	25	26	27	29
	0.4ppm	18	20	21	25	26	28	28	28	28
	1.6ppm	11	13	14	15	17	17	18	25	26
MORIBUND SACRIFICE	Control	4	4	5	5	9	9	10	10	10
	0.1ppm	6	6	6	6	6	6	6	6	6
	0.4ppm	2	2	3	6	7	8	8	8	8
	1.6ppm	6	6	6	7	8	9	9	9	9
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	1	1	1	1	1	1	1	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	1	1	1	1	1	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	1	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	1	0	0	0
	0.4ppm	1	1	1	1	1	1	1	1	1
	1.6ppm	1	1	1	1	0	1	1	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	1	0	1	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 93

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
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	0.1ppm	0	0	0	0	0	0	0	0	0	0	2	2	2	2
	0.4ppm	0	1	1	2	2	1	1	2	1	1	2	2	2	3
	1.6ppm	0	0	0	0	3	3	3	2	2	2	2	2	2	2
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
REPORT TYPE : A1 93

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
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1	1	1	1	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	1	1	1	1	1	2	2	2	2	1	1	1	1	2
	0.1ppm	2	2	2	5	5	5	5	4	4	4	4	4	4	4
	0.4ppm	4	4	4	4	4	5	5	5	5	5	5	5	5	5
	1.6ppm	2	2	2	2	2	2	2	2	2	2	3	3	3	3
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
REPORT TYPE : A1 93

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												
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	2	2	1	1	1	2	3	2	2	2	2
	0.1ppm	0	0	0	1	2	2	2	1	1	2	2	2	2	2	2
	0.4ppm	1	1	1	2	2	1	1	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	0.1ppm	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	0.4ppm	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4
	1.6ppm	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	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	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	0.4ppm	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
REPORT TYPE : A1 93

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day				46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
		43-7	44-7	45-7												
GUM	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1		1	1	1	1	1	1	1	1	1	1	1
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	2	2	2		2	2	2	2	1	1	1	1	1	1	1
	0.1ppm	2	2	2		2	2	2	3	3	3	3	3	3	3	3
	0.4ppm	0	0	0		0	0	0	1	2	3	3	3	3	3	3
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	2	2	2		2	2	2	2	2	2	2	1	1	1	1
	0.1ppm	4	4	4		4	4	4	4	3	3	3	3	4	4	4
	0.4ppm	4	4	4		4	4	4	3	3	3	3	3	3	3	3
	1.6ppm	2	2	2		2	2	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	1	1	1		1	1	1	2	1	1	1	1	1	1	1
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	1	1	1	1	1	1	1	1
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
REPORT TYPE : A1 93

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
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	2	2	2	2	1	1	1	1	2	3	3	3
	0.1ppm	3	1	1	1	1	1	0	0	0	0	1	1	1	1
	0.4ppm	3	3	3	3	3	3	3	3	1	1	1	1	1	1
	1.6ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	0
INTERNAL MASS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	0.1ppm	4	4	4	4	4	4	4	4	4	4	4	5	5	5
	0.4ppm	3	3	3	3	3	3	3	3	3	3	3	3	3	2
	1.6ppm	2	2	3	3	3	3	3	3	3	3	3	3	3	3
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	1	1	1	1	1	1	1	2	1	1	1
	0.1ppm	1	1	1	1	1	0	0	0	0	0	1	1	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1	1	1	1	1	1	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
 REPORT TYPE : A1 93

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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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												
GUM	Control	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	3	3	3	3	3	3	3	3	3	6	6	6	6	5	5
	0.1ppm	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0
	0.4ppm	1	1	1	1	1	1	1	1	1	1	4	4	3	3	4
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	5	5	5	5	5	5	5	5	5	5	5	4	4	3	3
	0.4ppm	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2
	1.6ppm	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3
M. NOSE	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	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	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
	0.1ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	3	3	2	2	2
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1 93

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
GUM	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1	1	1	1	1	1	1
	1.6ppm	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	4	3	3	3	3	2	1	1	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	4	4	5	4	4	3	3	3	3
	1.6ppm	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	3	3	3	3	3	4	3	3	3
	0.4ppm	2	2	2	2	2	2	2	2	2
	1.6ppm	3	3	3	2	2	2	2	1	1
M. NOSE	Control	1	1	1	1	1	1	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0
M. EYE	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1	1	1	1	1	1	1
	1.6ppm	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	2	2	2	1	1	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
REPORT TYPE : A1 93

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. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
REPORT TYPE : A1 93

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day				18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
		15-7	16-7	17-7												
M. GENITALIA	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
 REPORT TYPE : A1 93

CLINICAL OBSERVATION (SUMMARY)
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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. GENITALIA	Control	0	0	0	0	1	1	1	1	1	2	3	2	2	2
	0.1ppm	0	0	0	1	2	2	2	1	1	1	1	1	1	1
	0.4ppm	0	0	0	1	1	1	1	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
REPORT TYPE : A1 93

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. GENITALIA	Control	2	2	2	2	2	2	2	1	1	1	1	1	1	1
	0.1ppm	1	1	1	1	1	1	1	2	2	2	2	2	2	2
	0.4ppm	0	0	0	0	0	0	0	1	2	2	2	2	2	2
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	1	1	1	0	0	0	0
	0.1ppm	1	0	0	0	0	0	0	0	1	1	1	1	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crj:BDF1]
REPORT TYPE : A1 93

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. GENITALIA	Control	1	1	2	1	1	1	0	0	0	0	0	0	0	0
	0.1ppm	2	0	0	0	0	1	0	0	0	0	0	0	0	0
	0.4ppm	2	2	2	2	2	2	2	2	1	1	1	1	1	1
	1.6ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	0
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	1	1	1	1	1	1	1	1	1	1	1	0	0	0
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
REPORT TYPE : A1 93

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : MALE

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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. GENITALIA	Control	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3
	0.1ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	0.4ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. TAIL	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	1.6ppm	0	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	0
	0.1ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	0.4ppm	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	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	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	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	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	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	0
	0.1ppm	0	0	0	1	2	1	1	0	0	0	0	0	0	2	0
	0.4ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1 93

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
M. GENITALIA	Control	2	1	1	1	1	1	1	1	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	2	2	2	2	2	2	2
	1.6ppm	0	0	0	0	0	0	0	0	0
M. TAIL	Control	1	1	1	1	1	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	1	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	1	0	0	0	0	0
EROSION	Control	1	0	0	0	0	0	0	0	0
	0.1ppm	1	1	1	1	1	1	1	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	1	1	1	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENIS	Control	0	1	1	1	1	1	1	1	0
	0.1ppm	0	0	0	0	0	0	0	0	1
	0.4ppm	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	1	1	0	1	0	0	0	1	0
	0.1ppm	0	0	0	0	0	0	0	0	1
	0.4ppm	0	0	1	0	0	0	0	0	0
	1.6ppm	2	1	2	1	2	1	2	0	0

TABLE C2

CLINICAL OBSERVATION : FEMALE

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
 REPORT TYPE : A2 99

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

PAGE : 1

Clinical sign	Group Name	Administration Week-day													
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
 REPORT TYPE : A2 99

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
	0.1ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/CrJ[Crlj:BDF1]
 REPORT TYPE : A2 99

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day													
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	1	1	1	1	1	1	1	1	1	2	2	2	2	2
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
REPORT TYPE : A2 99

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day				46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
		43-7	44-7	45-7												
DEATH	Control	0	0	0		0	0	0	0	0	0	0	0	1	1	2
	0.1ppm	2	2	2		2	2	2	2	2	2	2	2	2	2	2
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF ANUS	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
REPORT TYPE : A2 99

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	2	2	2	2	2	2	2	2	3	4	4	4	4	4
	0.1ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	0.4ppm	0	0	0	1	1	1	1	1	1	1	1	1	2	2
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	1.6ppm	1	1	1	1	1	1	1	1	1	2	2	2	2	2
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
PROLAPSE OF ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A2 99

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												
DEATH	Control	4	4	4		4	4	4	4	6	6	7	7	9	10	12
	0.1ppm	3	3	3		3	3	4	4	4	4	4	5	5	6	6
	0.4ppm	2	3	4		4	4	6	6	7	7	8	8	10	10	12
	1.6ppm	2	2	2		2	2	3	3	3	3	5	6	6	6	7
MORIBUND SACRIFICE	Control	1	1	1		1	1	2	2	2	2	2	2	2	2	3
	0.1ppm	0	0	0		0	1	1	1	1	1	1	2	2	2	2
	0.4ppm	1	2	3		3	3	3	3	3	3	3	3	3	3	3
	1.6ppm	2	2	2		2	2	2	2	2	2	2	2	2	2	4
HUNCHBACK POSITION	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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	1	1	0	1	0
	0.1ppm	0	0	0		2	1	0	0	0	0	1	0	0	0	0
	0.4ppm	1	1	0		0	1	0	0	0	0	0	0	0	0	1
	1.6ppm	0	0	0		0	1	0	0	0	0	1	0	0	1	0
PROLAPSE OF ANUS	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1		1	1	1	1	1	1	1	1	1	1	1
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
REPORT TYPE : A2 99

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												
DEATH	Control	13	13	14		14	14	16	17	17	18	20	22	26	28	30
	0.1ppm	8	8	8		9	12	14	14	14	16	19	20	22	23	24
	0.4ppm	12	12	12		12	15	16	16	19	20	20	21	22	23	26
	1.6ppm	7	7	8		8	8	9	9	10	12	13	15	16	17	21
MORIBUND SACRIFICE	Control	4	4	5		5	5	5	6	7	7	7	7	7	7	7
	0.1ppm	3	4	5		5	5	5	5	5	5	5	5	6	6	6
	0.4ppm	5	5	6		6	7	7	8	8	9	9	9	9	9	9
	1.6ppm	4	5	5		5	5	5	5	5	5	6	7	8	8	8
HUNCHBACK POSITION	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	1	1	0
SOILED	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	1	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0		0	0	0	1	0	0	0	1	0	0	0
	0.1ppm	0	0	0		0	0	0	1	2	3	1	1	1	1	1
	0.4ppm	1	1	1		1	1	1	1	1	1	1	1	2	1	1
	1.6ppm	0	0	0		0	0	0	0	1	1	2	1	1	0	0
PROLAPSE OF ANUS	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1		1	1	1	1	1	1	1	1	1	1	1
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	1	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
REPORT TYPE : A2 99

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day
		99-7
DEATH	Control	31
	0.1ppm	25
	0.4ppm	27
	1.6ppm	23
MORIBUND SACRIFICE	Control	8
	0.1ppm	7
	0.4ppm	9
	1.6ppm	8
HUNCHBACK POSITION	Control	0
	0.1ppm	1
	0.4ppm	0
	1.6ppm	0
PARALYTIC GAIT	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0
SOILED	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0
PILDERECTION	Control	0
	0.1ppm	1
	0.4ppm	0
	1.6ppm	1
FROG BELLY	Control	0
	0.1ppm	2
	0.4ppm	1
	1.6ppm	0
PROLAPSE OF ANUS	Control	0
	0.1ppm	0
	0.4ppm	1
	1.6ppm	0
SOILED PERI-GENITALIA	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
 REPORT TYPE : A2 99

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
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
 REPORT TYPE : A2 99

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
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	1	1	0	0	0	0	0	0	0	0	0
M. HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
 REPORT TYPE : A2 99

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
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrJ[Crl:BDF1]
REPORT TYPE : A2 99

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day				46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
		43-7	44-7	45-7												
EXOPHTHALMOS	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0		0	0	1	1	2	2	2	2	1	1	1
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	1		1	1	1	1	1	1	1	1	1	1	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. HEAD	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. FORELIMB	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A2 99

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												
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	1	1	1	1	1	1	1	2	3	3
	1.6ppm	0	0	0	0	0	0	0	1	1	1	2	1	1	1	0
M. HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrJ[Crl:BDF1]
REPORT TYPE : A2 99

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												
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	0.1ppm	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
	0.4ppm	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1
	1.6ppm	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	2	2	2	2	2	1	1	1	1	0	1	1
	0.1ppm	0	0	1	1	0	0	0	0	0	0	1	1	1	0	1
	0.4ppm	3	3	2	3	3	1	1	0	0	0	1	2	1	1	1
	1.6ppm	0	0	1	2	2	1	1	1	1	1	3	2	2	3	2
M. HEAD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
REPORT TYPE : A2 99

CLINICAL OBSERVATION (SUMMARY)
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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												
EXOPHTHALMOS	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	1	1		1	1	1	0	0	0	0	0	0	0	0
	0.1ppm	2	2	2		2	2	2	2	2	2	1	0	0	0	0
	0.4ppm	1	1	1		1	1	1	1	1	1	1	1	2	1	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	2	2	1		1	0	0	0	0	0	1	1	1	0	0
	0.1ppm	1	1	2		3	1	1	1	1	1	0	0	2	2	2
	0.4ppm	2	2	2		2	2	2	2	2	2	2	2	2	3	3
	1.6ppm	2	1	2		1	1	1	2	2	2	2	2	3	4	3
M. HEAD	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	1	1	1		1	1	1	1	1	1	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. FORELIMB	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	1	1	1		1	1	1	1	1	1	1	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	1	1	0	0
	1.6ppm	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
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	1	1	1		1	1	1	1	1	1	1	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	1	1		1	1	1	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
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Clinical sign	Group Name	Administration Week-day
		99-7
EXOPHTHALMOS	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0
CORNEAL OPACITY	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0
EXTERNAL MASS	Control	0
	0.1ppm	1
	0.4ppm	0
	1.6ppm	0
INTERNAL MASS	Control	0
	0.1ppm	4
	0.4ppm	4
	1.6ppm	3
M. HEAD	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0
M. NECK	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0
M. FORELIMB	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0
M. BREAST	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0
M. ABDOMEN	Control	0
	0.1ppm	1
	0.4ppm	0
	1.6ppm	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A2 99

CLINICAL OBSERVATION (SUMMARY)
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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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
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CLINICAL OBSERVATION (SUMMARY)
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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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	1	1	1	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrJ[Crlj:BDF1]
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CLINICAL OBSERVATION (SUMMARY)
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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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
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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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	1	1	1	1	1	1	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
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Clinical sign	Group Name	Administration Week-day													
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
M. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrJ[Crl:BDF1]
REPORT TYPE : A2 99

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

PAGE : 22

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. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	1	1	1	1	1	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	2	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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	1	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	0.4ppm	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	1	0	0	1	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
REPORT TYPE : A2 99

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

PAGE : 23

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	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.1ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	0.1ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	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
	0.1ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
	0.4ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.6ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	1	2	0	0	0	0	0	1	0	0
	0.1ppm	0	0	0	0	0	0	0	0	1	0	0	1	0	0
	0.4ppm	0	0	0	0	0	0	2	1	0	0	0	1	0	0
	1.6ppm	0	0	0	0	0	0	0	0	1	0	0	2	2	0

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A2 99

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

SEX : FEMALE

PAGE : 24

Clinical sign	Group Name	Administration Week-day
		99-7
M. ANTERIOR DORSUM	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0
M. POSTERIOR DORSUM	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0
M. HINDLIMB	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0
M. GENITALIA	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0
EDEMA	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0
TORTICOLLIS	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	0
IRREGULAR BREATHING	Control	0
	0.1ppm	0
	0.4ppm	0
	1.6ppm	1

TABLE D1

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL
NUMBERS : MALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : C 93
SEX : MALE

MEAN BODY WEIGHTS AND SURVIVAL

PAGE : 1

Week on Study	Control		0.1ppm			0.4ppm			1.6ppm		
	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	24.0 (50)	50/50	24.0 (50)	100	50/50	24.0 (50)	100	50/50	24.0 (50)	100	50/50
1	25.4 (50)	50/50	25.2 (50)	99	50/50	25.3 (50)	100	50/50	24.4 (50)	96	50/50
2	26.2 (50)	50/50	25.9 (50)	99	50/50	26.0 (50)	99	50/50	25.3 (50)	97	50/50
3	27.0 (50)	50/50	26.3 (50)	97	50/50	26.9 (50)	100	50/50	25.7 (50)	95	50/50
4	27.3 (50)	50/50	26.4 (50)	97	50/50	27.4 (50)	100	50/50	26.1 (50)	96	50/50
5	27.7 (49)	49/50	26.8 (50)	97	50/50	27.6 (50)	100	50/50	26.6 (50)	96	50/50
6	28.2 (49)	49/50	27.4 (50)	97	50/50	28.1 (50)	100	50/50	26.8 (50)	95	50/50
7	28.8 (49)	49/50	27.9 (50)	97	50/50	28.6 (50)	99	50/50	27.3 (50)	95	50/50
8	29.1 (49)	49/50	28.4 (50)	98	50/50	29.1 (50)	100	50/50	27.8 (50)	96	50/50
9	29.6 (49)	49/50	28.6 (50)	97	50/50	29.6 (49)	100	49/50	27.8 (50)	94	50/50
10	30.2 (49)	49/50	29.0 (50)	96	50/50	30.1 (49)	100	49/50	28.2 (50)	93	50/50
11	30.8 (49)	49/50	29.4 (50)	95	50/50	30.7 (49)	100	49/50	28.5 (50)	93	50/50
12	31.2 (49)	49/50	29.7 (50)	95	50/50	31.2 (49)	100	49/50	28.9 (50)	93	50/50
13	31.7 (49)	49/50	29.8 (50)	94	50/50	31.7 (49)	100	49/50	29.2 (50)	92	50/50
14	32.5 (49)	49/50	30.7 (50)	94	50/50	32.2 (49)	99	49/50	29.6 (50)	91	50/50
18	34.4 (49)	49/50	33.1 (50)	96	50/50	33.9 (49)	99	49/50	31.3 (50)	91	50/50
22	36.0 (49)	49/50	35.2 (49)	98	49/50	35.9 (49)	100	49/50	32.8 (50)	91	50/50
26	37.2 (48)	48/50	36.4 (49)	98	49/50	37.3 (49)	100	49/50	34.2 (50)	92	50/50
30	39.1 (47)	47/50	37.6 (49)	96	49/50	38.9 (49)	99	49/50	34.9 (50)	89	50/50
34	40.5 (47)	47/50	39.0 (49)	96	49/50	40.6 (49)	100	49/50	36.2 (50)	89	50/50
38	41.4 (47)	47/50	40.2 (49)	97	49/50	41.1 (49)	99	49/50	36.9 (49)	89	49/50
42	42.2 (47)	47/50	40.9 (48)	97	48/50	41.7 (47)	99	47/50	37.5 (49)	89	49/50
46	42.9 (47)	47/50	42.1 (47)	98	47/50	42.6 (47)	99	47/50	38.1 (49)	89	49/50
50	43.1 (47)	47/50	41.9 (46)	97	46/50	43.0 (46)	100	46/50	38.3 (49)	89	49/50
54	42.8 (46)	46/50	41.3 (46)	96	46/50	42.8 (46)	100	46/50	38.1 (49)	89	49/50
58	41.9 (46)	46/50	41.1 (45)	98	45/50	41.8 (46)	100	46/50	37.4 (49)	89	49/50
62	40.2 (46)	46/50	39.9 (45)	99	45/50	40.4 (46)	100	46/50	36.7 (49)	91	49/50
66	38.6 (45)	45/50	38.9 (44)	101	44/50	39.5 (44)	102	44/50	35.2 (48)	91	48/50
70	37.7 (45)	45/50	38.0 (43)	101	43/50	38.0 (43)	101	43/50	34.8 (47)	92	47/50
74	36.4 (42)	42/50	35.5 (43)	98	43/50	37.1 (42)	102	42/50	34.0 (47)	93	47/50
78	35.1 (38)	38/50	34.2 (39)	97	39/50	35.5 (38)	101	38/50	32.0 (45)	91	45/50
82	34.7 (33)	33/50	34.8 (29)	100	29/50	35.6 (31)	103	31/50	31.6 (40)	91	40/50
86	34.4 (26)	26/50	34.5 (22)	100	22/50	33.8 (28)	98	28/50	32.5 (31)	94	31/50
90	35.8 (17)	17/50	34.4 (19)	96	19/50	36.8 (14)	103	14/50	31.7 (24)	89	24/50
93	37.6 (11)	11/50	33.4 (15)	89	15/50	35.6 (14)	95	14/50	31.3 (15)	83	15/50
< >:No. of effective animals, ():No. of measured animals											
Av. Wt.: g											

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

Av. Wt. : g

TABLE D2

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL
NUMBERS : FEMALE

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : C 99
 SEX : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

PAGE : 2

Week on Study	Control		0.1ppm			0.4ppm			1.6ppm		
	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	19.8 (50)	50/50	19.8 (50)	100	50/50	19.8 (50)	100	50/50	19.8 (50)	100	50/50
1	20.3 (50)	50/50	20.1 (50)	99	50/50	20.3 (50)	100	50/50	19.6 (50)	97	50/50
2	21.1 (50)	50/50	20.6 (50)	98	50/50	20.8 (50)	99	50/50	20.5 (50)	97	50/50
3	21.5 (50)	50/50	21.2 (50)	99	50/50	21.5 (50)	100	50/50	21.1 (50)	98	50/50
4	22.1 (50)	50/50	21.5 (50)	97	50/50	22.1 (50)	100	50/50	21.6 (50)	98	50/50
5	22.6 (50)	50/50	22.0 (50)	97	50/50	22.4 (50)	99	50/50	22.2 (50)	98	50/50
6	23.3 (50)	50/50	22.7 (50)	97	50/50	23.0 (50)	99	50/50	22.6 (50)	97	50/50
7	23.8 (50)	50/50	22.9 (50)	96	50/50	23.7 (50)	100	50/50	23.1 (50)	97	50/50
8	24.3 (50)	50/50	23.3 (50)	96	50/50	24.3 (50)	100	50/50	23.6 (50)	97	50/50
9	24.5 (50)	50/50	23.8 (50)	97	50/50	24.2 (50)	99	50/50	23.6 (50)	96	50/50
10	24.7 (50)	50/50	24.1 (50)	98	50/50	24.5 (50)	99	50/50	23.8 (50)	96	50/50
11	24.7 (50)	50/50	24.3 (50)	98	50/50	24.9 (50)	101	50/50	24.1 (50)	98	50/50
12	25.1 (50)	50/50	24.4 (50)	97	50/50	24.9 (50)	99	50/50	24.4 (50)	97	50/50
13	25.3 (50)	50/50	24.3 (49)	96	49/50	25.1 (50)	99	50/50	24.8 (50)	98	50/50
14	25.8 (50)	50/50	24.9 (49)	97	49/50	25.3 (50)	98	50/50	25.1 (50)	97	50/50
18	26.7 (50)	50/50	26.3 (49)	99	49/50	26.2 (50)	98	50/50	25.6 (50)	96	50/50
22	27.3 (50)	50/50	26.7 (49)	98	49/50	27.1 (50)	99	50/50	26.2 (49)	96	49/50
26	27.7 (50)	50/50	27.2 (49)	98	49/50	27.7 (50)	100	50/50	27.0 (49)	97	49/50
30	28.4 (50)	50/50	27.7 (49)	98	49/50	28.4 (50)	100	50/50	27.2 (49)	96	49/50
34	28.6 (50)	50/50	28.5 (49)	100	49/50	28.7 (50)	100	50/50	27.9 (49)	98	49/50
38	29.3 (50)	50/50	28.5 (48)	97	48/50	28.9 (50)	99	50/50	27.7 (49)	95	49/50
42	29.3 (50)	50/50	28.9 (48)	99	48/50	29.6 (50)	101	50/50	27.9 (49)	95	49/50
46	30.1 (50)	50/50	29.5 (48)	98	48/50	29.5 (50)	98	50/50	28.4 (49)	94	49/50
50	30.2 (50)	50/50	29.0 (48)	96	48/50	29.9 (50)	99	50/50	28.3 (49)	94	49/50
54	30.1 (49)	49/50	29.2 (48)	97	48/50	29.8 (50)	99	50/50	28.3 (49)	94	49/50
58	29.7 (48)	48/50	29.8 (48)	100	48/50	29.8 (50)	100	50/50	28.1 (49)	95	49/50
62	30.4 (48)	48/50	29.1 (48)	96	48/50	29.9 (49)	98	49/50	28.0 (49)	92	49/50
66	29.8 (45)	45/50	29.3 (48)	98	48/50	29.5 (48)	99	48/50	28.0 (48)	94	48/50
70	30.3 (45)	45/50	29.6 (48)	98	48/50	29.9 (47)	99	47/50	28.4 (47)	94	47/50
74	30.2 (45)	45/50	30.2 (47)	100	47/50	30.7 (43)	102	43/50	28.9 (46)	96	46/50
78	29.8 (42)	42/50	29.3 (45)	98	45/50	29.6 (40)	99	40/50	28.3 (45)	95	45/50
82	30.1 (39)	39/50	29.6 (43)	98	43/50	30.0 (37)	100	37/50	28.6 (42)	95	42/50
86	30.4 (33)	33/50	29.9 (38)	98	38/50	30.0 (33)	99	33/50	29.1 (38)	96	38/50
90	30.1 (29)	29/50	30.2 (31)	100	31/50	30.4 (27)	101	27/50	29.6 (36)	98	36/50
94	29.5 (23)	23/50	30.1 (26)	102	26/50	30.7 (21)	104	21/50	29.3 (31)	99	31/50
98	29.7 (13)	13/50	29.6 (20)	100	20/50	32.3 (15)	109	15/50	29.5 (21)	99	21/50
99	29.0 (11)	11/50	30.2 (18)	104	18/50	32.3 (14)	111	14/50	29.2 (19)	101	19/50
< >:No. of effective animals, () :No. of measured animals											
Av. Wt. : g											

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

Av. Wt. : g

TABLE D3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrJ[CrJ:BDF1]
UNIT : g
REPORT TYPE : A1 93
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 1

Group Name	Administration week						
	0	1	2	3	4	5	6
Control	24.0± 0.8	25.4± 0.9	26.2± 1.0	27.0± 1.1	27.3± 1.3	27.7± 1.3	28.2± 1.5
0.1ppm	24.0± 0.8	25.2± 0.9	25.9± 1.0	26.3± 1.1**	26.4± 1.2**	26.8± 1.2**	27.4± 1.4*
0.4ppm	24.0± 0.8	25.3± 1.1	26.0± 1.1	26.9± 1.2	27.4± 1.3	27.6± 1.7	28.1± 1.7
1.6ppm	24.0± 0.8	24.4± 0.9**	25.3± 1.0**	25.7± 1.1**	26.1± 1.1**	26.6± 1.2**	26.8± 1.2**

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

Test of Dunnett

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
UNIT : g
REPORT TYPE : A1 93
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 2

Group Name	Administration week						
	7	8	9	10	11	12	13
Control	28.8± 1.5	29.1± 1.7	29.6± 1.8	30.2± 1.9	30.8± 2.1	31.2± 2.2	31.7± 2.3
0.1ppm	27.9± 1.5*	28.4± 1.7	28.6± 1.7**	29.0± 1.9**	29.4± 2.2*	29.7± 2.0**	29.8± 2.3**
0.4ppm	28.6± 2.1	29.1± 2.2	29.6± 1.7	30.1± 1.9	30.7± 2.0	31.2± 2.0	31.7± 2.2
1.6ppm	27.3± 1.2**	27.8± 1.3**	27.8± 1.4**	28.2± 1.4**	28.5± 1.5**	28.9± 1.5**	29.2± 1.6**

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

Test of Dunnett

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 93
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 3

Group Name	Administration week									
	14		18		22		26		30	
Control	32.5± 2.4		34.4± 2.5		36.0± 2.8		37.2± 3.2		39.1± 3.1	
0.1ppm	30.7± 2.4**		33.1± 2.8*		35.2± 2.7		36.4± 3.0		37.6± 3.4	
0.4ppm	32.2± 2.2		33.9± 2.6		35.9± 3.1		37.3± 3.5		38.9± 3.9	
1.6ppm	29.6± 1.7**		31.3± 2.0**		32.8± 2.3**		34.2± 2.6**		34.9± 2.8**	

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

Test of Dunnett

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 93
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 4

Group Name	Administration		week											
	42		46		50		54		58		62		66	
Control	42.2±	3.4	42.9±	3.7	43.1±	4.4	42.8±	5.1	41.9±	5.5	40.2±	5.6	38.6±	5.5
0.1ppm	40.9±	4.3	42.1±	4.4	41.9±	4.3	41.3±	5.2	41.1±	5.6	39.9±	6.1	38.9±	6.0
0.4ppm	41.7±	5.0	42.6±	5.3	43.0±	5.2	42.8±	5.5	41.8±	5.6	40.4±	6.3	39.5±	6.6
1.6ppm	37.5±	3.5**	38.1±	3.6**	38.3±	3.8**	38.1±	4.0**	37.4±	4.3**	36.7±	4.0**	35.2±	3.8*

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

Test of Dunnett

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 93
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 5

Group Name	Administration		week									
	70		74		78		82		86		90	93
Control	37.7± 5.0		36.4± 5.8		35.1± 6.5		34.7± 6.9		34.4± 6.8		35.8± 7.2	37.6± 7.6
0.1ppm	38.0± 5.5		35.5± 5.7		34.2± 5.9		34.8± 4.7		34.5± 4.3		34.4± 4.0	33.4± 3.6
0.4ppm	38.0± 5.9		37.1± 6.0		35.5± 6.5		35.6± 6.7		33.8± 6.6		36.8± 6.0	35.6± 5.6
1.6ppm	34.8± 3.5*		34.0± 4.1		32.0± 4.0*		31.6± 4.5		32.5± 4.5		31.7± 4.2	31.3± 4.5*

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

Test of Dunnett

TABLE D4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
UNIT : g
REPORT TYPE : A2 99
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 1

Group Name	Administration week									
	0	1	2	3	4	5	6			
Control	19.8± 0.8	20.3± 0.8	21.1± 0.9	21.5± 0.9	22.1± 0.9	22.6± 1.1	23.3± 1.2			
0.1ppm	19.8± 0.8	20.1± 0.8	20.6± 0.9*	21.2± 1.0	21.5± 1.0**	22.0± 1.1	22.7± 1.1*			
0.4ppm	19.8± 0.8	20.3± 0.8	20.8± 0.8	21.5± 0.7	22.1± 0.8	22.4± 0.9	23.0± 0.9			
1.6ppm	19.8± 0.8	19.6± 0.9**	20.5± 1.0**	21.1± 1.0	21.6± 1.0*	22.2± 1.3	22.6± 1.1**			

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

Test of Dunnett

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A2 99
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 2

Group Name	Administration week													
	7		8		9		10		11		12		13	
Control	23.8±	1.2	24.3±	1.3	24.5±	1.3	24.7±	1.4	24.7±	1.2	25.1±	1.4	25.3±	1.2
0.1ppm	22.9±	1.1**	23.3±	1.1**	23.8±	1.2**	24.1±	1.3*	24.3±	1.5	24.4±	1.2*	24.3±	1.3**
0.4ppm	23.7±	0.9	24.3±	1.0	24.2±	1.1	24.5±	1.1	24.9±	0.9	24.9±	0.9	25.1±	1.1
1.6ppm	23.1±	1.3**	23.6±	1.3*	23.6±	1.1**	23.8±	1.1**	24.1±	1.2**	24.4±	1.4*	24.8±	1.3

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

Test of Dunnett

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
UNIT : g
REPORT TYPE : A2 99
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 3

Group Name	Administration		week									
	14		18		22		26		30		34	38
Control	25.8± 1.4		26.7± 1.6		27.3± 1.7		27.7± 1.8		28.4± 1.8		28.6± 1.6	29.3± 1.8
0.1ppm	24.9± 1.4**		26.3± 1.4		26.7± 1.4		27.2± 1.6		27.7± 1.9		28.5± 2.0	28.5± 1.9
0.4ppm	25.3± 1.0		26.2± 1.3		27.1± 1.5		27.7± 1.6		28.4± 1.4		28.7± 1.4	28.9± 1.6
1.6ppm	25.1± 1.1**		25.6± 1.2**		26.2± 1.2**		27.0± 1.6		27.2± 1.7**		27.9± 2.0	27.7± 1.7**

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

Test of Dunnett

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A2 99
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 4

Group Name	Administration week						
	42	46	50	54	58	62	66
Control	29.3± 1.6	30.1± 1.9	30.2± 2.4	30.1± 2.7	29.7± 2.0	30.4± 2.8	29.8± 2.0
0.1ppm	28.9± 2.0	29.5± 2.1	29.0± 2.3*	29.2± 2.1	29.8± 2.1	29.1± 2.1*	29.3± 2.0
0.4ppm	29.6± 1.6	29.5± 1.6	29.9± 1.8	29.8± 1.8	29.8± 1.7	29.9± 1.8	29.5± 2.1
1.6ppm	27.9± 1.7**	28.4± 1.8**	28.3± 1.7**	28.3± 1.5**	28.1± 1.3**	28.0± 1.5**	28.0± 1.9**

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

Test of Dunnett

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrJ[CrJ:BDF1]
UNIT : g
REPORT TYPE : A2 99
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 5

Group Name	Administration week		74		78		82		86		90		94	
	70													
Control	30.3± 1.9		30.2± 2.3		29.8± 2.5		30.1± 2.3		30.4± 2.2		30.1± 2.5		29.5± 3.0	
0.1ppm	29.6± 2.3		30.2± 3.1		29.3± 1.8		29.6± 2.7		29.9± 2.4		30.2± 2.3		30.1± 3.0	
0.4ppm	29.9± 2.5		30.7± 2.6		29.6± 2.3		30.0± 2.6		30.0± 3.2		30.4± 3.1		30.7± 2.8	
1.6ppm	28.4± 1.7**		28.9± 1.8**		28.3± 2.1**		28.6± 2.2*		29.1± 1.9		29.6± 2.2		29.3± 3.4	

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

Test of Dunnett

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A2 99
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 6

Group Name	Administration week	
	98	99
Control	29.7± 2.8	29.0± 3.0
0.1ppm	29.6± 3.6	30.2± 4.5
0.4ppm	32.3± 3.2	32.3± 3.1*
1.6ppm	29.5± 1.9	29.2± 1.9

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

Test of Dunnett

TABLE E1

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL
NUMBERS : MALE

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : C 93
 SEX : MALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

PAGE : 1

Week on Study	Control		0. 1ppm		0. 4ppm		1. 6ppm				
	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. 2 (50)	50/50	4. 2 (50)	100	50/50	4. 2 (50)	100	50/50	3. 8 (50)	90	50/50
2	4. 2 (50)	50/50	4. 1 (50)	98	50/50	4. 2 (50)	100	50/50	4. 1 (50)	98	50/50
3	4. 2 (50)	50/50	4. 1 (50)	98	50/50	4. 3 (50)	102	50/50	4. 1 (50)	98	50/50
4	4. 3 (50)	50/50	4. 2 (50)	98	50/50	4. 3 (50)	100	50/50	4. 2 (50)	98	50/50
5	4. 3 (49)	49/50	4. 3 (50)	100	50/50	4. 3 (50)	100	50/50	4. 3 (50)	100	50/50
6	4. 4 (49)	49/50	4. 3 (50)	98	50/50	4. 4 (50)	100	50/50	4. 3 (50)	98	50/50
7	4. 5 (49)	49/50	4. 4 (50)	98	50/50	4. 5 (50)	100	50/50	4. 4 (50)	98	50/50
8	4. 4 (49)	49/50	4. 4 (50)	100	50/50	4. 5 (50)	102	50/50	4. 4 (50)	100	50/50
9	4. 5 (49)	49/50	4. 3 (50)	96	50/50	4. 6 (49)	102	49/50	4. 5 (50)	100	50/50
10	4. 5 (49)	49/50	4. 4 (50)	98	50/50	4. 6 (49)	102	49/50	4. 5 (50)	100	50/50
11	4. 6 (49)	49/50	4. 5 (50)	98	50/50	4. 6 (49)	100	49/50	4. 5 (50)	98	50/50
12	4. 6 (49)	49/50	4. 5 (50)	98	50/50	4. 7 (49)	102	49/50	4. 6 (50)	100	50/50
13	4. 6 (49)	49/50	4. 5 (50)	98	50/50	4. 7 (49)	102	49/50	4. 5 (50)	98	50/50
14	4. 3 (49)	49/50	4. 2 (50)	98	50/50	4. 7 (49)	109	49/50	4. 6 (50)	107	50/50
18	4. 8 (49)	49/50	4. 7 (50)	98	50/50	4. 8 (49)	100	49/50	4. 6 (50)	96	50/50
22	5. 0 (49)	49/50	4. 9 (49)	98	49/50	5. 0 (49)	100	49/50	4. 9 (50)	98	50/50
26	5. 1 (48)	48/50	4. 9 (49)	96	49/50	5. 0 (49)	98	49/50	4. 9 (50)	96	50/50
30	5. 1 (47)	47/50	4. 9 (49)	96	49/50	5. 0 (49)	98	49/50	4. 9 (50)	96	50/50
34	4. 9 (47)	47/50	4. 8 (49)	98	49/50	4. 8 (49)	98	49/50	4. 7 (50)	96	50/50
38	4. 9 (47)	47/50	4. 8 (49)	98	49/50	4. 9 (49)	100	49/50	4. 7 (49)	96	49/50
42	5. 0 (47)	47/50	4. 9 (48)	98	48/50	5. 0 (47)	100	47/50	4. 7 (49)	94	49/50
46	5. 0 (47)	47/50	4. 9 (47)	98	47/50	5. 0 (47)	100	47/50	4. 8 (49)	96	49/50
50	4. 9 (47)	47/50	4. 8 (46)	98	46/50	4. 9 (46)	100	46/50	4. 7 (49)	96	49/50
54	4. 9 (46)	46/50	4. 9 (46)	100	46/50	5. 0 (46)	102	46/50	4. 6 (49)	94	49/50
58	5. 0 (46)	46/50	4. 7 (45)	94	45/50	4. 9 (46)	98	46/50	4. 6 (49)	92	49/50
62	4. 7 (46)	46/50	4. 8 (45)	102	45/50	4. 7 (46)	100	46/50	4. 5 (49)	96	49/50
66	4. 6 (45)	45/50	4. 6 (44)	100	44/50	4. 8 (44)	104	44/50	4. 4 (48)	96	48/50
70	5. 0 (45)	45/50	4. 7 (43)	94	43/50	4. 9 (43)	98	43/50	4. 6 (47)	92	47/50
74	5. 1 (42)	42/50	5. 0 (43)	98	43/50	5. 0 (42)	98	42/50	4. 5 (47)	88	47/50
78	5. 1 (38)	38/50	5. 3 (39)	104	39/50	4. 8 (38)	94	38/50	4. 3 (45)	84	45/50
82	4. 8 (33)	33/50	4. 7 (29)	98	29/50	4. 8 (31)	100	31/50	4. 4 (40)	92	40/50
86	4. 2 (26)	26/50	4. 2 (22)	100	22/50	4. 1 (28)	98	28/50	4. 1 (31)	98	31/50
90	4. 7 (17)	17/50	4. 4 (19)	94	19/50	4. 7 (14)	100	14/50	4. 2 (24)	89	24/50
< >:No. of effective animals. () :No. of measured animals											
Av. FC. : g											

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

Av. FC. : g

TABLE E2

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

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : C 99
 SEX : FEMALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

PAGE : 2

Week on Study	Control		0.1ppm			0.4ppm			1.6ppm		
	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	3.5 (50)	97	50/50	3.5 (50)	97	50/50	3.3 (50)	92	50/50
2	3.6 (50)	50/50	3.5 (50)	97	50/50	3.6 (50)	100	50/50	3.6 (50)	100	50/50
3	3.8 (50)	50/50	3.7 (50)	97	50/50	3.8 (50)	100	50/50	3.7 (50)	97	50/50
4	4.0 (50)	50/50	3.9 (50)	98	50/50	4.1 (50)	103	50/50	3.9 (50)	98	50/50
5	4.2 (50)	50/50	4.1 (50)	98	50/50	4.2 (50)	100	50/50	4.1 (50)	98	50/50
6	4.4 (50)	50/50	4.3 (50)	98	50/50	4.3 (50)	98	50/50	4.2 (50)	95	50/50
7	4.5 (50)	50/50	4.3 (50)	96	50/50	4.5 (50)	100	50/50	4.3 (50)	96	50/50
8	4.5 (50)	50/50	4.4 (50)	98	50/50	4.5 (50)	100	50/50	4.4 (50)	98	50/50
9	4.6 (50)	50/50	4.4 (50)	96	50/50	4.6 (50)	100	50/50	4.4 (50)	96	50/50
10	4.6 (50)	50/50	4.5 (50)	98	50/50	4.5 (50)	98	50/50	4.4 (50)	96	50/50
11	4.5 (50)	50/50	4.4 (49)	98	50/50	4.5 (50)	100	50/50	4.5 (50)	100	50/50
12	4.7 (50)	50/50	4.5 (50)	96	50/50	4.6 (50)	98	50/50	4.6 (50)	98	50/50
13	4.7 (50)	50/50	4.5 (49)	96	49/50	4.6 (50)	98	50/50	4.5 (50)	96	50/50
14	4.3 (50)	50/50	4.1 (49)	95	49/50	4.7 (50)	109	50/50	4.6 (50)	107	50/50
18	4.9 (50)	50/50	4.7 (49)	96	49/50	4.7 (50)	96	50/50	4.5 (50)	92	50/50
22	4.9 (50)	50/50	4.7 (49)	96	49/50	5.0 (50)	102	50/50	4.7 (49)	96	49/50
26	5.1 (50)	50/50	4.9 (49)	96	49/50	4.9 (50)	96	50/50	4.7 (49)	92	49/50
30	5.0 (50)	50/50	4.8 (49)	96	49/50	5.0 (50)	100	50/50	4.7 (49)	94	49/50
34	4.8 (50)	50/50	4.7 (49)	98	49/50	4.8 (50)	100	50/50	4.5 (49)	94	49/50
38	4.7 (50)	50/50	4.6 (48)	98	48/50	4.6 (50)	98	50/50	4.4 (49)	94	49/50
42	4.7 (50)	50/50	4.7 (48)	100	48/50	4.8 (50)	102	50/50	4.5 (49)	96	49/50
46	4.7 (50)	50/50	4.6 (48)	98	48/50	4.7 (50)	100	50/50	4.4 (49)	94	49/50
50	4.7 (50)	50/50	4.5 (48)	96	48/50	4.7 (50)	100	50/50	4.3 (49)	91	49/50
54	4.8 (49)	49/50	4.6 (48)	96	48/50	4.8 (50)	100	50/50	4.4 (49)	92	49/50
58	4.8 (48)	48/50	4.6 (48)	96	48/50	4.7 (50)	98	50/50	4.4 (49)	92	49/50
62	4.7 (48)	48/50	4.5 (48)	96	48/50	4.4 (49)	94	49/50	4.1 (49)	87	49/50
66	4.6 (45)	45/50	4.4 (48)	96	48/50	4.4 (48)	96	48/50	4.3 (48)	93	48/50
70	5.1 (45)	45/50	4.8 (48)	94	48/50	4.7 (47)	92	47/50	4.4 (47)	86	47/50
74	5.2 (45)	45/50	4.9 (47)	94	47/50	4.8 (43)	92	43/50	4.5 (46)	87	46/50
78	5.5 (42)	42/50	5.0 (45)	91	45/50	4.7 (40)	85	40/50	4.5 (45)	82	45/50
82	4.8 (39)	39/50	4.8 (43)	100	43/50	4.6 (37)	96	37/50	4.4 (42)	92	42/50
86	4.5 (33)	33/50	4.3 (38)	96	38/50	4.4 (33)	98	33/50	4.1 (38)	91	38/50
90	4.7 (29)	29/50	4.5 (31)	96	31/50	4.6 (27)	98	27/50	4.3 (36)	91	36/50
94	4.5 (23)	23/50	4.5 (26)	100	26/50	4.8 (21)	107	21/50	4.2 (31)	93	31/50
98	4.6 (13)	13/50	4.6 (20)	100	20/50	4.8 (15)	104	15/50	4.3 (21)	93	21/50

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

Av.FC.: g

TABLE E3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
 UNIT : g
 REPORT TYPE : A1 93
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 1

Group Name	Administration 1-7 (7)	week-day(effective) 2-7 (7)	3-7 (7)	4-7 (7)	5-7 (7)	6-7 (7)	7-7 (7)
Control	4.2± 0.2	4.2± 0.2	4.2± 0.3	4.3± 0.3	4.3± 0.2	4.4± 0.2	4.5± 0.3
0.1ppm	4.2± 0.2	4.1± 0.3	4.1± 0.3*	4.2± 0.3	4.3± 0.3	4.3± 0.3	4.4± 0.3
0.4ppm	4.2± 0.3	4.2± 0.3	4.3± 0.2	4.3± 0.3	4.3± 0.3	4.4± 0.2	4.5± 0.3
1.6ppm	3.8± 0.2**	4.1± 0.3*	4.1± 0.3	4.2± 0.3	4.3± 0.3	4.3± 0.3	4.4± 0.3

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

Test of Dunnett

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrJ[CrJ:BDF1]
UNIT : g
REPORT TYPE : A1 93
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 2

Group Name	Administration		week-day(effective)		10-7 (7)	11-7 (7)	12-7 (7)	13-7 (7)	14-7 (7)
	8-7 (7)		9-7 (7)						
Control	4.4± 0.3		4.5± 0.3		4.5± 0.3	4.6± 0.3	4.6± 0.3	4.6± 0.3	4.3± 0.4
0.1ppm	4.4± 0.3		4.3± 0.3**		4.4± 0.4	4.5± 0.4	4.5± 0.4*	4.5± 0.3	4.2± 0.4
0.4ppm	4.5± 0.3		4.6± 0.3		4.6± 0.3	4.6± 0.3	4.7± 0.3	4.7± 0.3	4.7± 0.3**
1.6ppm	4.4± 0.3		4.5± 0.3		4.5± 0.3	4.5± 0.3	4.6± 0.3	4.5± 0.3*	4.6± 0.3**

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

Test of Dunnett

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 93
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 3

Group Name	Administration 18-7 (7)	week-day(effective) 22-7 (7)	26-7 (7)	30-7 (7)	34-7 (7)	38-7 (7)	42-7 (7)
Control	4.8± 0.3	5.0± 0.3	5.1± 0.4	5.1± 0.3	4.9± 0.3	4.9± 0.3	5.0± 0.3
0.1ppm	4.7± 0.4	4.9± 0.3	4.9± 0.3*	4.9± 0.3**	4.8± 0.3	4.8± 0.3	4.9± 0.4
0.4ppm	4.8± 0.3	5.0± 0.3	5.0± 0.3	5.0± 0.3*	4.8± 0.3	4.9± 0.4	5.0± 0.4
1.6ppm	4.6± 0.3	4.9± 0.3	4.9± 0.3*	4.9± 0.3**	4.7± 0.3**	4.7± 0.3*	4.7± 0.3**

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

Test of Dunnett

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 UNIT : g
 REPORT TYPE : A1 93
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 4

Group Name	Administration		week-day(effective)		54-7 (7)	58-7 (7)	62-7 (7)	66-7 (7)	70-7 (7)
	46-7 (7)		50-7 (7)						
Control	5.0± 0.3		4.9± 0.4		4.9± 0.4	5.0± 0.6	4.7± 0.7	4.6± 0.7	5.0± 0.8
0.1ppm	4.9± 0.3		4.8± 0.3		4.9± 0.4	4.7± 0.5	4.8± 0.8	4.6± 0.6	4.7± 0.7
0.4ppm	5.0± 0.4		4.9± 0.3		5.0± 0.5	4.9± 0.6	4.7± 0.7	4.8± 0.7	4.9± 0.7
1.6ppm	4.8± 0.3**		4.7± 0.3**		4.6± 0.4*	4.6± 0.4**	4.5± 0.6	4.4± 0.4*	4.6± 0.6**

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

Test of Dunnett

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 93
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 5

Group Name	Administration		week-day(effective)		82-7(7)	86-7(7)	90-7(7)
	74-7(7)		78-7(7)				
Control	5.1± 0.8		5.1± 0.9		4.8± 0.7	4.2± 0.8	4.7± 0.7
0.1ppm	5.0± 1.1		5.3± 1.0		4.7± 0.7	4.2± 0.5	4.4± 0.6
0.4ppm	5.0± 0.9		4.8± 0.6		4.8± 0.9	4.1± 0.7	4.7± 0.6
1.6ppm	4.5± 0.6**		4.3± 0.5**		4.4± 0.5*	4.1± 0.4	4.2± 0.5*

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

Test of Dunnett

TABLE E4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A2 99
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 1

Group Name	Administration 1-7 (7)	week-day(effective) 2-7 (7)	3-7 (7)	4-7 (7)	5-7 (7)	6-7 (7)	7-7 (7)
Control	3.6± 0.3	3.6± 0.2	3.8± 0.2	4.0± 0.3	4.2± 0.3	4.4± 0.3	4.5± 0.5
0.1ppm	3.5± 0.3	3.5± 0.3	3.7± 0.3	3.9± 0.3	4.1± 0.3	4.3± 0.3	4.3± 0.3*
0.4ppm	3.5± 0.3	3.6± 0.2	3.8± 0.2	4.1± 0.2	4.2± 0.3	4.3± 0.3	4.5± 0.3
1.6ppm	3.3± 0.2**	3.6± 0.2	3.7± 0.2	3.9± 0.3*	4.1± 0.3	4.2± 0.3**	4.3± 0.4*

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

Test of Dunnett

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A2 99
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 2

Group Name	Administration 8-7 (7)	week-day(effective) 9-7 (7)	10-7 (7)	11-7 (7)	12-7 (7)	13-7 (7)	14-7 (7)
Control	4.5± 0.5	4.6± 0.4	4.6± 0.4	4.5± 0.4	4.7± 0.3	4.7± 0.4	4.3± 0.3
0.1ppm	4.4± 0.3	4.4± 0.3	4.5± 0.4	4.4± 0.5	4.5± 0.3*	4.5± 0.7**	4.1± 0.4*
0.4ppm	4.5± 0.3	4.6± 0.3	4.5± 0.3	4.5± 0.3	4.6± 0.5	4.6± 0.3	4.7± 0.4**
1.6ppm	4.4± 0.4*	4.4± 0.4	4.4± 0.4	4.5± 0.3	4.6± 0.5	4.5± 0.4**	4.6± 0.3**

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

Test of Dunnett

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

Group	Name	week-day(effective)												
		Administration 18-7 (7)		22-7 (7)		26-7 (7)		30-7 (7)		34-7 (7)		38-7 (7)		42-7 (7)
	Control	4.9 ± 0.4		4.9 ± 0.4		5.1 ± 0.4		5.0 ± 0.4		4.8 ± 0.3		4.7 ± 0.4		4.7 ± 0.3
	0.1ppm	4.7 ± 0.4*		4.7 ± 0.4*		4.9 ± 0.4		4.8 ± 0.4*		4.7 ± 0.4		4.6 ± 0.4		4.7 ± 0.4
	0.4ppm	4.7 ± 0.4		5.0 ± 0.4		4.9 ± 0.4		5.0 ± 0.4		4.8 ± 0.4		4.6 ± 0.4		4.8 ± 0.4
	1.6ppm	4.5 ± 0.4**		4.7 ± 0.4**		4.7 ± 0.4**		4.7 ± 0.4**		4.5 ± 0.4**		4.4 ± 0.4**		4.5 ± 0.4**

Test of Dunnett

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
 UNIT : g
 REPORT TYPE : A2 99
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 4

Group Name	Administration 46-7 (7)	week-day(effective) 50-7 (7)	54-7 (7)	58-7 (7)	62-7 (7)	66-7 (7)	70-7 (7)
Control	4.7± 0.4	4.7± 0.4	4.8± 0.4	4.8± 0.7	4.7± 0.8	4.6± 0.5	5.1± 1.1
0.1ppm	4.6± 0.4	4.5± 0.5*	4.6± 0.4	4.6± 0.4	4.5± 0.5	4.4± 0.3	4.8± 0.6
0.4ppm	4.7± 0.4	4.7± 0.5	4.8± 0.7	4.7± 0.7	4.4± 0.5*	4.4± 0.5	4.7± 0.8*
1.6ppm	4.4± 0.4**	4.3± 0.3**	4.4± 0.4**	4.4± 0.4**	4.1± 0.4**	4.3± 0.4**	4.4± 0.5**

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

Test of Dunnett

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A2 99
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 5

Group Name	Administration		week-day(effective)							
	74-7 (7)		78-7 (7)		82-7 (7)		86-7 (7)		90-7 (7)	
Control	5.2±	1.4	5.5±	1.5	4.8±	0.6	4.5±	0.5	4.7±	0.6
0.1ppm	4.9±	0.6	5.0±	0.6	4.8±	0.6	4.3±	0.5	4.5±	0.5
0.4ppm	4.8±	0.6	4.7±	0.5**	4.6±	0.5	4.4±	0.5	4.6±	0.6
1.6ppm	4.5±	0.6**	4.5±	0.5**	4.4±	0.4**	4.1±	0.4**	4.3±	0.4**

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

Test of Dunnett

TABLE F1

HEMATOLOGY : MALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE TIME : 1
SEX : MALE

HEMATOLOGY (SUMMARY)
ALL ANIMALS (94W)

REPORT TYPE : A1

PAGE : 1

Group Name	NO. of Animals	RED BLOOD CELL 1 0 ⁶ /μℓ		HEMOGLOBIN g/dℓ		HEMATOCRIT %		MCV f ℓ		MCH p g		MCHC g/dℓ		PLATELET 1 0 ³ /μℓ	
Control	11	6.82±	2.72	9.9±	3.9	32.6±	11.8	48.7±	2.7	14.5±	0.4	29.9±	1.7	1917±	404
0.1ppm	14	6.79±	1.96	9.6±	2.6	31.9±	8.0	48.0±	4.7	14.3±	0.9	30.0±	1.5	1753±	663
0.4ppm	14	7.73±	1.49	11.2±	2.1	36.4±	5.9	47.6±	3.3	14.5±	0.8	30.5±	1.0	1948±	355
1.6ppm	15	6.27±	2.45	9.1±	3.7	30.7±	10.9	49.9±	3.9	14.5±	0.6	29.2±	2.1	1930±	320

Significant difference : * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 5

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
MEASURE TIME : 1
SEX : MALE

HEMATOLOGY (SUMMARY)
ALL ANIMALS (94W)

REPORT TYPE : A1

PAGE : 2

Group Name	NO. of Animals	RETICULOCYTE %	
Control	11	5.9±	4.3
0.1ppm	14	7.0±	6.8
0.4ppm	14	4.2±	3.9
1.6ppm	15	7.6±	6.2

Significant difference : * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 5

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE TIME : 1
SEX : MALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (94W)

PAGE : 3

Group Name	NO. of Animals	WBC		Differential		WBC (%)									
		10 ³ /μl		NEUTRO		LYMPHO		MONO		EOSINO		BASO		OTHER	
Control	11	3.11±	1.83	41±	14	55±	13	2±	1	1±	1	0±	0	1±	1
0.1ppm	14	2.64±	1.95	48±	15	48±	15	2±	1	2±	1	0±	0	1±	1
0.4ppm	14	3.82±	2.18	48±	10	47±	11	3±	3	2±	1	0±	0	1±	1
1.6ppm	15	2.38±	1.57	43±	10	52±	10	2±	1	2±	1	0±	0	0±	1

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 5

TABLE F2

HEMATOLOGY : FEMALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE. TIME : 2
SEX : FEMALE

HEMATOLOGY (SUMMARY)
ALL ANIMALS (100W)

REPORT TYPE : A2

PAGE : 1

Group Name	NO. of Animals	RED BLOOD CELL 1 O ⁶ /μℓ		HEMOGLOBIN g/dℓ		HEMATOCRIT %		MCV f ℓ		MCH p g		MCHC g/dℓ		PLATELET 1 O ³ /μℓ	
Control	11	7.76±	1.56	11.2±	2.3	36.1±	6.9	46.7±	2.8	14.5±	0.6	31.1±	0.8	1304±	358
0.1ppm	17	6.91±	2.41	10.3±	3.5	33.2±	10.3	49.3±	5.8	14.9±	1.3	30.5±	2.0	1014±	433
0.4ppm	14	7.33±	1.92	10.8±	2.6	35.2±	7.6	49.1±	5.7	15.0±	1.2	30.6±	1.4	1099±	470
1.6ppm	18	6.99±	2.17	10.3±	3.1	33.1±	9.0	49.4±	8.5	15.0±	1.1	30.7±	2.2	1183±	501

Significant difference ; * : P ≤ 0.05

** : P ≤ 0.01

Test of Dunnett

(HCL070)

BAIS 5

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE TIME : 2
SEX : FEMALE

HEMATOLOGY (SUMMARY)
ALL ANIMALS (100W)

REPORT TYPE : A2

PAGE : 2

Group Name	NO. of Animals	RETICULOCYTE %	
Control	11	4.0±	2.3
0.1ppm	17	9.0±	9.4
0.4ppm	14	6.3±	4.2
1.6ppm	18	6.0±	6.7

Significant difference : * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 5

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1J[Crj:BDF1]
MEASURE. TIME : 2
SEX : FEMALE

HEMATOLOGY (SUMMARY)
ALL ANIMALS (100W)

REPORT TYPE : A2

PAGE : 3

Group Name	NO. of Animals	WBC		Differential		WBC (%)		MONO		EOSINO		BASO		OTHER	
		10 ⁹ /μl		NEUTRO		LYMPHO									
Control	11	2.24±	1.36	39±	11	57±	10	1±	0	2±	2	0±	0	1±	1
0.1ppm	17	3.84±	3.42	35±	17	59±	17	2±	2	1±	1	0±	0	1±	1
0.4ppm	14	2.91±	1.37	41±	14	54±	15	2±	1	2±	1	0±	0	1±	1
1.6ppm	18	4.24±	5.88	34±	12	57±	17	2±	2	2±	1	0±	0	6±	19

Significant difference : * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 5

TABLE G1

BIOCHEMISTRY : MALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (94W)

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	11	4.5±	0.7	2.0±	0.4	0.8±	0.2	0.02±	0.02	181±	71	193±	160	84±	52
0.1ppm	14	4.8±	0.6	2.1±	0.3	0.8±	0.2	0.03±	0.02	134±	71	145±	42	39±	30**
0.4ppm	14	4.9±	0.5	2.1±	0.2	0.8±	0.1	0.02±	0.01	180±	46	147±	63	62±	36
1.6ppm	15	4.5±	0.9	2.0±	0.4	0.8±	0.2	0.02±	0.01	141±	85	179±	106	46±	25*

Significant difference : * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS 5

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrJ[CrJ:BDF1]
MEASURE. TIME : 1
SEX : MALE

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (94W)

REPORT TYPE : A1

PAGE : 2

Group Name	NO. of Animals	PHOSPHOLIPID mg/dl		AST U/L		ALT U/L		LDH U/L		ALP U/L		G-GTP U/L		CK U/L	
Control	11	286±	140	53±	7	23±	21	207±	70	236±	113	0.2±	0.2	130±	204
0.1ppm	14	217±	75	117±	171	285±	782	938±	2145	234±	77	0.4±	0.2	159±	122*
0.4ppm	14	251±	82	70±	40	25±	14	199±	46	245±	133	0.2±	0.2	80±	30
1.6ppm	15	250±	126	176±	421	111±	312	329±	415	284±	170	0.2±	0.2	224±	265*

Significant difference : * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS 5

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE TIME : 1
SEX : MALE

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (94W)

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	11	67.4±	66.8	159±	4	4.7±	1.3	123±	5	9.4±	0.8	8.8±	4.9
0.1ppm	14	79.6±	68.5	159±	3	4.5±	1.0	122±	4	9.4±	0.6	10.0±	5.7
0.4ppm	14	59.5±	44.8	157±	3	4.3±	0.5	121±	5	9.5±	0.9	8.1±	4.2
1.6ppm	15	104.8±	82.7	159±	5	4.8±	1.3	121±	7	9.0±	1.1	12.4±	7.5

Significant difference : * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS 5

TABLE G2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE TIME : 2
SEX : FEMALE

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (100W)

REPORT TYPE : A2

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	11	5.1±	0.4	2.4±	0.2	0.9±	0.2	0.03±	0.02	141±	46	108±	29	34±	26
0.1ppm	17	4.6±	0.8	2.4±	0.3	1.1±	0.2	0.05±	0.05	131±	50	90±	17	30±	10
0.4ppm	14	4.7±	1.0	2.2±	0.3	1.0±	0.2	0.04±	0.03	144±	46	88±	28	37±	17
1.6ppm	18	4.6±	0.8	2.3±	0.3	1.0±	0.2	0.05±	0.05	159±	59	93±	25	30±	13

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

Test of Dunnett

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE. TIME : 2
SEX : FEMALE

BIOCHEMISTRY (SUMMARY)
ALL ANIMALS (100W)

REPORT TYPE : A2

PAGE : 2

Group Name	NO. of Animals	PHOSPHOLIPID mg/dl		AST U/L		ALT U/L		LDH U/L		ALP U/L		G-GTP U/L		CK U/L	
Control	11	183±	63	76±	24	24±	10	210±	89	685±	433	0.4±	0.2	220±	253
0.1ppm	17	155±	35	97±	35	30±	14	343±	417	586±	429	0.4±	0.2	263±	268
0.4ppm	14	156±	46	144±	138	46±	50	976±	2646	597±	391	0.4±	0.2	244±	189
1.6ppm	18	159±	42	104±	145	61±	160	483±	1276	667±	297	0.6±	0.4	282±	362

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

Test of Dunnett

(HCL074)

BAIS 5

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 2
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (100W)

REPORT TYPE : A2

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	11	65.5±	46.9	156±	2	3.9±	0.7	121±	4	10.3±	1.0	8.9±	2.7
0.1ppm	17	75.5±	75.0	158±	5	4.7±	1.4	123±	5	10.0±	0.8	10.4±	5.2
0.4ppm	14	48.6±	35.8	158±	4	4.1±	0.9	125±	7	9.8±	0.8	8.2±	2.2
1.6ppm	18	69.7±	62.4	158±	3	4.5±	1.8	124±	5	9.8±	0.6	9.1±	6.5

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

Test of Dunnett

TABLE H1

URINALYSIS : MALE

STUDY NO. : 0817

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

URINALYSIS

PAGE : 1

Group Name	NO. of Animals	pH							CHI	Protein						CHI	Glucose						CHI	Ketone body						CHI	Occult blood					CHI
		5.0	6.0	6.5	7.0	7.5	8.0	8.5		-	±	+	2+	3+	4+		-	±	+	2+	3+	4+		-	±	+	2+	3+	4+		-	±	+	2+	3+	
Control	16	0	6	3	2	3	1	1		0	4	3	4	5	0		16	0	0	0	0	0		12	3	1	0	0	0		14	0	1	0	1	
0.1ppm	19	0	13	2	2	1	0	1		0	5	1	8	5	0		19	0	0	0	0	0		17	2	0	0	0	0		19	0	0	0	0	
0.4ppm	14	0	7	7	0	0	0	0		0	4	6	2	1	1		14	0	0	0	0	0		9	4	1	0	0	0		14	0	0	0	0	
1.6ppm	23	0	14	5	3	1	0	0		0	2	5	7	9	0		23	0	0	0	0	0		18	3	2	0	0	0		23	0	0	0	0	

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

Test of CHI SQUARE

(HCL101)

BAIS5

STUDY NO. : 0817

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

URINALYSIS

PAGE : 2

Group Name	NO. of Animals	Urobilinogen ± + 2+ 3+ 4+ CHI
Control	16	16 0 0 0 0
0.1ppm	19	19 0 0 0 0
0.4ppm	14	14 0 0 0 0
1.6ppm	23	23 0 0 0 0

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

Test of CHI SQUARE

(HCL101)

BAIS5

TABLE H2

URINALYSIS : FEMALE

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 2
 SEX : FEMALE

URINALYSIS

REPORT TYPE : A2

PAGE : 1

Group Name	NO. of Animals	pH							CHI	Protein						CHI	Glucose						CHI	Ketone body						CHI	Occult blood					CHI
		5.0	6.0	6.5	7.0	7.5	8.0	8.5		-	±	+	2+	3+	4+		-	±	+	2+	3+	4+		-	±	+	2+	3+	4+		-	±	+	2+	3+	
Control	16	0	10	6	0	0	0	0		7	1	3	2	3	0		16	0	0	0	0	0		14	1	1	0	0	0		16	0	0	0	0	
0.1ppm	21	0	12	5	1	2	1	0		5	5	4	6	1	0		21	0	0	0	0	0		18	2	1	0	0	0		21	0	0	0	0	
0.4ppm	18	0	9	4	1	3	1	0		5	6	2	4	1	0		18	0	0	0	0	0		16	0	2	0	0	0		16	0	0	1	1	
1.6ppm	25	0	12	4	5	1	2	1		3	2	5	7	8	0		25	0	0	0	0	0		17	2	6	0	0	0		23	0	1	0	1	

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

Test of CHI SQUARE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE TIME : 2
SEX : FEMALE

URINALYSIS

REPORT TYPE : A2

PAGE : 2

Group Name	NO. of Animals	Urobilinogen ± + 2+ 3+ 4+	CHI
Control	16	16 0 0 0 0	
0.1ppm	21	21 0 0 0 0	
0.4ppm	18	18 0 0 0 0	
1.6ppm	25	25 0 0 0 0	

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

Test of CHI SQUARE

(HCL101)

BAIS5

TABLE I 1

GROSS FINDINGS : MALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 94W)

PAGE : 1

Organ	Findings	Group Name NO. of Animals	Control		0.1ppm		0.4ppm		1.6ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
skin/app	nodule		1	(2)	0	(0)	0	(0)	0	(0)
	erosion		1	(2)	3	(6)	3	(6)	0	(0)
	crust		1	(2)	0	(0)	0	(0)	0	(0)
subcutis	edema		5	(10)	3	(6)	5	(10)	7	(14)
	mass		2	(4)	0	(0)	1	(2)	0	(0)
lung	red zone		1	(2)	0	(0)	2	(4)	1	(2)
	nodule		1	(2)	0	(0)	2	(4)	1	(2)
lymph node	enlarged		4	(8)	5	(10)	2	(4)	5	(10)
spleen	enlarged		1	(2)	1	(2)	3	(6)	0	(0)
	black zone		0	(0)	1	(2)	2	(4)	2	(4)
	nodule		0	(0)	0	(0)	1	(2)	0	(0)
	accentuation of white pulp		1	(2)	0	(0)	0	(0)	0	(0)
heart	white zone		0	(0)	0	(0)	0	(0)	1	(2)
stomach	forestomach:nodule		0	(0)	0	(0)	1	(2)	0	(0)
	glandular stomach:thick		5	(10)	3	(6)	7	(14)	0	(0)
small intes	white zone		0	(0)	0	(0)	1	(2)	0	(0)
	nodule		1	(2)	1	(2)	0	(0)	1	(2)
cecum	white zone		0	(0)	0	(0)	1	(2)	0	(0)
liver	enlarged		0	(0)	1	(2)	0	(0)	0	(0)
	white zone		2	(4)	1	(2)	1	(2)	1	(2)
	red zone		0	(0)	2	(4)	1	(2)	1	(2)
	nodule		3	(6)	3	(6)	7	(14)	7	(14)

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Gr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 94W)

PAGE : 2

Organ	Findings	Group Name NO. of Animals	Control		0.1ppm		0.4ppm		1.6ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
liver	deformed		0	(0)	1	(2)	0	(0)	0	(0)
kidney	enlarged		1	(2)	3	(6)	4	(8)	1	(2)
	small		0	(0)	0	(0)	1	(2)	0	(0)
	pale		0	(0)	1	(2)	0	(0)	0	(0)
	white zone		0	(0)	1	(2)	1	(2)	0	(0)
	nodule		0	(0)	1	(2)	0	(0)	0	(0)
	cyst		7	(14)	4	(8)	2	(4)	6	(12)
	deformed		35	(70)	26	(52)	21	(42)	30	(60)
	hydronephrosis		5	(10)	8	(16)	6	(12)	5	(10)
urin bladd	white		0	(0)	1	(2)	0	(0)	0	(0)
	urine:marked retention		3	(6)	6	(12)	4	(8)	2	(4)
	urine:red		0	(0)	0	(0)	0	(0)	1	(2)
testis	enlarged		0	(0)	1	(2)	0	(0)	0	(0)
	small		0	(0)	0	(0)	0	(0)	1	(2)
epididymis	nodule		1	(2)	0	(0)	0	(0)	0	(0)
prostate	red zone		0	(0)	1	(2)	0	(0)	0	(0)
prep/cli gl	enlarged		1	(2)	0	(0)	0	(0)	0	(0)
	nodule		1	(2)	0	(0)	3	(6)	0	(0)
Harder gl	enlarged		0	(0)	0	(0)	1	(2)	1	(2)
	nodule		1	(2)	0	(0)	1	(2)	0	(0)
peritoneum	nodule		1	(2)	1	(2)	0	(0)	0	(0)
	thick		1	(2)	0	(0)	0	(0)	0	(0)

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 94W)

PAGE : 3

Organ	Findings	Group Name		Control		0.1ppm		0.4ppm		1.6ppm	
		NO. of Animals		50	(%)	50	(%)	50	(%)	50	(%)
abdominal c	hemorrhage			1	(2)	0	(0)	0	(0)	0	(0)
	ascites			7	(14)	7	(14)	5	(10)	5	(10)
thoracic ca	pleural fluid			16	(32)	12	(24)	10	(20)	19	(38)
other	tail:nodule			1	(2)	0	(0)	0	(0)	0	(0)
	hindlimb:nodule			0	(0)	0	(0)	1	(2)	0	(0)
whole body	anemic			3	(6)	0	(0)	1	(2)	0	(0)

(HPT080)

BA1S5

TABLE I 2

GROSS FINDINGS : FEMALE

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

GROSS FINDINGS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 1

Organ	Findings	Group Name NO. of Animals	Control		0.1ppm		0.4ppm		1.6ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
skin/app	crust		0	(0)	0	(0)	1	(2)	0	(0)
subcutis	edema		5	(10)	7	(14)	4	(8)	6	(12)
	mass		4	(8)	2	(4)	3	(6)	1	(2)
lung	red		0	(0)	1	(2)	0	(0)	0	(0)
	red zone		1	(2)	1	(2)	0	(0)	1	(2)
	nodule		2	(4)	3	(6)	0	(0)	2	(4)
lymph node	enlarged		14	(28)	13	(26)	11	(22)	18	(36)
thymus	enlarged		0	(0)	0	(0)	0	(0)	1	(2)
	atrophic		0	(0)	1	(2)	0	(0)	0	(0)
spleen	enlarged		8	(16)	9	(18)	13	(26)	14	(28)
	white zone		2	(4)	0	(0)	0	(0)	0	(0)
	black zone		0	(0)	0	(0)	1	(2)	0	(0)
heart	white		0	(0)	1	(2)	0	(0)	0	(0)
	white zone		0	(0)	1	(2)	0	(0)	0	(0)
	red zone		0	(0)	1	(2)	0	(0)	0	(0)
tongue	nodule		1	(2)	0	(0)	0	(0)	0	(0)
stomach	forestomach:nodule		0	(0)	1	(2)	0	(0)	0	(0)
	glandular stomach:nodule		0	(0)	0	(0)	1	(2)	0	(0)
	glandular stomach:thick		0	(0)	0	(0)	1	(2)	3	(6)
small intes	nodule		1	(2)	1	(2)	0	(0)	1	(2)
anus	nodule		0	(0)	0	(0)	1	(2)	0	(0)
large intes	nodule		0	(0)	0	(0)	1	(2)	0	(0)

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Gr1j[Crj:BDF1]
REPORT TYPE : A2
SEX : FEMALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0-100W)

PAGE : 2

Organ	Findings	Group Name NO. of Animals	Control	0.1ppm	0.4ppm	1.6ppm
			50 (%)	50 (%)	50 (%)	50 (%)
liver	enlarged		4 (8)	1 (2)	3 (6)	5 (10)
	white zone		3 (6)	5 (10)	4 (8)	5 (10)
	red zone		0 (0)	2 (4)	0 (0)	0 (0)
	nodule		7 (14)	3 (6)	5 (10)	4 (8)
pancreas	nodule		0 (0)	1 (2)	0 (0)	0 (0)
kidney	enlarged		0 (0)	2 (4)	0 (0)	2 (4)
	atrophic		0 (0)	0 (0)	0 (0)	1 (2)
	small		0 (0)	1 (2)	1 (2)	2 (4)
	pale		0 (0)	0 (0)	1 (2)	0 (0)
	cyst		3 (6)	1 (2)	0 (0)	2 (4)
	deformed		31 (62)	31 (62)	31 (62)	22 (44)
	hydronephrosis		7 (14)	6 (12)	6 (12)	6 (12)
urin bladd	urine:marked retention		3 (6)	0 (0)	0 (0)	2 (4)
pituitary	enlarged		2 (4)	2 (4)	0 (0)	0 (0)
	red zone		2 (4)	0 (0)	1 (2)	0 (0)
ovary	enlarged		6 (12)	11 (22)	9 (18)	9 (18)
	nodule		0 (0)	1 (2)	0 (0)	0 (0)
	cyst		10 (20)	13 (26)	13 (26)	8 (16)
uterus	nodule		7 (14)	12 (24)	11 (22)	7 (14)
	cyst		0 (0)	1 (2)	0 (0)	0 (0)
	dilated lumen		0 (0)	2 (4)	0 (0)	1 (2)
vagina	nodule		0 (0)	1 (2)	1 (2)	0 (0)

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

GROSS FINDINGS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 3

Organ	Findings	Group Name NO. of Animals	Control		0.1ppm		0.4ppm		1.6ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
periph nerv	nodule		0	(0)	0	(0)	1	(2)	0	(0)
Harder gl	enlarged		1	(2)	0	(0)	0	(0)	0	(0)
muscle	nodule		1	(2)	0	(0)	0	(0)	0	(0)
mediastinum	mass		0	(0)	0	(0)	0	(0)	1	(2)
peritoneum	nodule		0	(0)	1	(2)	1	(2)	3	(6)
	thick		0	(0)	0	(0)	0	(0)	1	(2)
abdominal c	hemorrhage		0	(0)	0	(0)	0	(0)	2	(4)
	ascites		7	(14)	12	(24)	8	(16)	10	(20)
thoracic ca	hemorrhage		0	(0)	0	(0)	0	(0)	1	(2)
	pleural fluid		17	(34)	16	(32)	13	(26)	14	(28)
whole body	anemic		0	(0)	0	(0)	2	(4)	0	(0)

(HPT080)

BAIS5

TABLE J1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (94W)

PAGE : 1

Group Name	NO. of Animals	Body Weight	ADRENALS		TESTES		HEART		LUNGS		KIDNEYS	
Control	11	34.0± 7.6	0.012±	0.002	0.223±	0.039	0.226±	0.031	0.180±	0.013	0.663±	0.092
0.1ppm	15	29.8± 3.2	0.013±	0.002	0.227±	0.063	0.229±	0.046	0.184±	0.015	1.578±	2.341
0.4ppm	14	31.7± 5.5	0.013±	0.002	0.225±	0.036	0.227±	0.047	0.190±	0.034	1.401±	2.365
1.6ppm	15	27.6± 4.4	0.013±	0.004	0.230±	0.043	0.210±	0.030	0.188±	0.023	0.816±	0.782

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

Test of Dunnett

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (94W)

PAGE : 2

Group Name	NO. of Animals	SPLEEN		LIVER		BRAIN	
Control	11	0.104±	0.050	1.571±	0.200	0.478±	0.020
0.1ppm	15	0.119±	0.075	1.423±	0.190	0.468±	0.026
0.4ppm	14	0.098±	0.044	1.509±	0.160	0.471±	0.026
1.6ppm	15	0.084±	0.034	1.315±	0.160**	0.462±	0.026

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

Test of Dunnett

(HCL040)

BAIS5

TABLE J2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A2
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (100W)

PAGE : 1

Group Name	NO. of Animals	Body Weight	ADRENALS		OVARIES		HEART		LUNGS		KIDNEYS	
Control	11	25.0± 1.8	0.016±	0.004	0.242±	0.559	0.191±	0.042	0.196±	0.027	0.632±	0.407
0.1ppm	17	26.7± 3.7	0.017±	0.004	0.186±	0.460	0.188±	0.044	0.198±	0.020	0.455±	0.072
0.4ppm	14	28.3± 3.0*	0.017±	0.004	0.473±	1.421	0.188±	0.031	0.209±	0.032	0.515±	0.099
1.6ppm	19	25.3± 1.8	0.016±	0.003	0.058±	0.046	0.198±	0.044	0.207±	0.036	0.739±	0.876

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

Test of Dunnett

(HCL040)

BAIS5

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A2
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (100W)

PAGE : 2

Group Name	NO. of Animals	SPLEEN		LIVER		BRAIN	
Control	11	0.165±	0.113	1.361±	0.240	0.490±	0.027
0.1ppm	17	0.212±	0.214	1.480±	0.348	0.484±	0.027
0.4ppm	14	0.223±	0.143	1.653±	0.639	0.497±	0.020
1.6ppm	19	0.266±	0.551	1.489±	0.626	0.472±	0.029

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

Test of Dunnett

(HCL040)

BAIS5

TABLE K1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (94W)

PAGE : 1

Group Name	NO. of Animals	Body Weight (g)	ADRENALS	TESTES	HEART	LUNGS	KIDNEYS
Control	11	34.0± 7.6	0.037± 0.007	0.678± 0.169	0.695± 0.182	0.549± 0.094	2.022± 0.484
0.1ppm	15	29.8± 3.2	0.043± 0.009	0.763± 0.190	0.777± 0.180	0.620± 0.071	4.855± 6.492
0.4ppm	14	31.7± 5.5	0.040± 0.008	0.722± 0.133	0.741± 0.230	0.615± 0.161	3.985± 5.615
1.6ppm	15	27.6± 4.4	0.049± 0.012**	0.847± 0.172	0.778± 0.150	0.690± 0.097**	2.840± 2.127

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

Test of Dunnett

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (94W)

PAGE : 2

Group Name	NO. of Animals	SPLEEN	LIVER	BRAIN
Control	11	0.314± 0.133	4.776± 0.970	1.464± 0.294
0.1ppm	15	0.406± 0.276	4.797± 0.675	1.581± 0.159
0.4ppm	14	0.319± 0.161	4.842± 0.664	1.520± 0.230
1.6ppm	15	0.313± 0.147	4.829± 0.694	1.709± 0.275

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

Test of Dunnett

(HCL042)

BAIS 5

TABLE K2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A2
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (100W)

PAGE : 1

Group Name	NO. of Animals	Body Weight (g)	ADRENALS	OVARIES	HEART	LUNGS	KIDNEYS
Control	11	25.0± 1.8	0.064± 0.013	0.948± 2.163	0.762± 0.158	0.788± 0.125	2.567± 1.778
0.1ppm	17	26.7± 3.7	0.063± 0.016	0.698± 1.734	0.724± 0.239	0.748± 0.095	1.720± 0.276
0.4ppm	14	28.3± 3.0*	0.062± 0.016	1.511± 4.417	0.668± 0.099	0.744± 0.132	1.822± 0.321
1.6ppm	19	25.3± 1.8	0.063± 0.013	0.231± 0.182	0.781± 0.146	0.817± 0.116	2.827± 3.071

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

Test of Dunnett

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
REPORT TYPE : A2
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (100W)

PAGE : 2

Group Name	NO. of Animals	SPLEEN	LIVER	BRAIN
Control	11	0.652± 0.446	5.416± 0.695	1.961± 0.083
0.1ppm	17	0.767± 0.702	5.508± 0.789	1.840± 0.233
0.4ppm	14	0.777± 0.465	5.773± 1.753	1.775± 0.192
1.6ppm	19	0.993± 1.921	5.817± 2.066	1.873± 0.172

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

Test of Dunnett

(HCL042)

BAIS 5

TABLE L1

HISTOPATHOLOGICAL FINDINGS :
NEOPLASTIC LESIONS : MALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Gr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0- 94W)

PAGE : 1

Organ	Findings	Group Name No. of animals on Study	Control 50	0.1ppm 50	0.4ppm 50	1.6ppm 50
{Integumentary system/appandage}						
subcutis	histiocytic sarcoma		<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)
{Respiratory system}						
nasal cavit	adenoma		<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)
lung	bronchiolar-alveolar adenoma		<50> 0 (0%)	<50> 0 (0%)	<50> 2 (4%)	<50> 1 (2%)
	hemangioma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
	bronchiolar-alveolar carcinoma		1 (2%)	0 (0%)	1 (2%)	1 (2%)
{Hematopoietic system}						
lymph node	malignant lymphoma		<50> 1 (2%)	<50> 3 (6%)	<50> 2 (4%)	<50> 4 (8%)
	mastcytoma:malignant		0 (0%)	1 (2%)	1 (2%)	0 (0%)
spleen	mastcytoma:benign		<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)
	mastcytoma:malignant		1 (2%)	0 (0%)	0 (0%)	0 (0%)
{Digestive system}						
tooth	histiocytic sarcoma		<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)

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

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Gr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0- 94W)

PAGE : 2

Organ	Findings	Group Name No. of animals on Study	Control 50	0.1ppm 50	0.4ppm 50	1.6ppm 50
{Digestive system}						
stomach	squamous cell papilloma		<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)
small intes	histiocytic sarcoma		<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)
liver	hemangioma		<50> 0 (0%)	<50> 4 (8%)	<50> 2 (4%)	<50> 1 (2%)
	hepatocellular adenoma		4 (8%)	1 (2%)	3 (6%)	3 (6%)
	histiocytic sarcoma		0 (0%)	2 (4%)	0 (0%)	2 (4%)
	hepatocellular carcinoma		0 (0%)	1 (2%)	2 (4%)	2 (4%)
{Special sense organs/appendage}						
Harder gl	adenoma		<50> 1 (2%)	<50> 0 (0%)	<50> 2 (4%)	<50> 1 (2%)
{Body cavities}						
peritoneum	leiomyosarcoma		<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)
	histiocytic sarcoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)

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

TABLE L2

**HISTOPATHOLOGICAL FINDINGS :
NEOPLASTIC LESIONS : FEMALE**

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Gr1j[Crj:BDF1]
REPORT TYPE : A2
SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0-100W)

PAGE : 1

Organ	Findings	Group Name No. of animals on Study	Control 50	0.1ppm 50	0.4ppm 50	1.6ppm 50
{Integumentary system/appandage}						
subcutis			<50>	<50>	<50>	<50>
	fibrosarcoma		1 (2%)	0 (0%)	1 (2%)	0 (0%)
	liposarcoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
	leiomyosarcoma		1 (2%)	0 (0%)	1 (2%)	1 (2%)
	histiocytic sarcoma		1 (2%)	0 (0%)	1 (2%)	0 (0%)
{Respiratory system}						
nasal cavit			<50>	<50>	<50>	<50>
	adenoma		0 (0%)	0 (0%)	0 (0%)	16 (32%)
lung			<50>	<50>	<50>	<50>
	bronchiolar-alveolar adenoma		1 (2%)	3 (6%)	0 (0%)	0 (0%)
	bronchiolar-alveolar carcinoma		1 (2%)	0 (0%)	0 (0%)	1 (2%)
{Hematopoietic system}						
lymph node			<50>	<50>	<50>	<50>
	malignant lymphoma		12 (24%)	8 (16%)	6 (12%)	17 (34%)
spleen			<50>	<50>	<50>	<50>
	hemangioma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
	histiocytic sarcoma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
	malignant lymphoma		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. : 0817
 ANIMAL : MOUSE B6D2F1/Crlj[Crl:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 2

Organ	Findings	Group Name No. of animals on Study	Control 50	0.1ppm 50	0.4ppm 50	1.6ppm 50
{Hematopoietic system}						
spleen	mastcytoma:malignant		<50> 0 (0%)	<50> 0 (0%)	<50> 2 (4%)	<50> 0 (0%)
{Digestive system}						
tongue	squamous cell papilloma		<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)
large intes	leiomyoma		<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)
liver	hemangioma		<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)
	hepatocellular adenoma		2 (4%)	2 (4%)	0 (0%)	0 (0%)
	histiocytic sarcoma		0 (0%)	2 (4%)	0 (0%)	3 (6%)
	hemangiosarcoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
	hepatocellular carcinoma		0 (0%)	1 (2%)	0 (0%)	1 (2%)
{Endocrine system}						
pituitary	adenoma		<50> 0 (0%)	<50> 1 (2%)	<50> 1 (2%)	<50> 0 (0%)
{Reproductive system}						
ovary	cystadenoma		<50> 0 (0%)	<50> 1 (2%)	<50> 2 (4%)	<50> 1 (2%)

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

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
REPORT TYPE : A2
SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0-100W)

PAGE : 3

Organ	Findings	Group Name No. of animals on Study	Control 50	0.1ppm 50	0.4ppm 50	1.6ppm 50
{Reproductive system}						
uterus	endometrial stromal polyp		<50> 1 (2%)	<50> 1 (2%)	<50> 2 (4%)	<50> 3 (6%)
	histiocytic sarcoma		6 (12%)	13 (26%)	14 (28%)	6 (12%)
vagina	histiocytic sarcoma		<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)
mammary gl	adenoma		<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)
	adenocarcinoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
{Special sense organs/appendage}						
Harder gl	adenoma		<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)	<50> 2 (4%)
	histiocytic sarcoma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
{Musculoskeletal system}						
bone	osteosarcoma		<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)
{Body cavities}						
peritoneum	hemangioma		<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)

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

TABLE M1

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

STUDY No. : 0817
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 1

Group Name	Control	100ppb	400ppb	1600ppb
SITE : lung TUMOR : bronchiolar-alveolar adenoma, bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	1/50(2.0)	0/50(0.0)	3/50(6.0)	2/50(4.0)
Adjusted rates(b)	3.45	0.0	14.29	5.88
Terminal rates(c)	0/11(0.0)	0/15(0.0)	2/14(14.3)	0/15(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.2854			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.4166			
Fisher Exact test(e)		P = 0.5000	P = 0.3087	P = 0.5000
SITE : lymph node TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	1/50(2.0)	3/50(6.0)	2/50(4.0)	4/50(8.0)
Adjusted rates(b)	9.09	6.67	7.14	6.67
Terminal rates(c)	1/11(9.1)	1/15(6.7)	1/14(7.1)	1/15(6.7)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.1833			
Prevalence method(d)	P = 0.3936			
Combined analysis(d)	P = 0.2172			
Cochran-Armitage test(e)	P = 0.2524			
Fisher Exact test(e)		P = 0.3087	P = 0.5000	P = 0.1811
SITE : liver TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	0/50(0.0)	4/50(8.0)	2/50(4.0)	1/50(2.0)
Adjusted rates(b)	0.0	25.00	7.14	3.57
Terminal rates(c)	0/11(0.0)	3/15(20.0)	1/14(7.1)	0/15(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.3836			
Prevalence method(d)	P = 0.7303			
Combined analysis(d)	P = 0.7514			
Cochran-Armitage test(e)	P = 0.5976			
Fisher Exact test(e)		P = 0.0587	P = 0.2475	P = 0.5000

STUDY No. : 0817
 ANIMAL : MOUSE B6D2F1/Gr1j[Crj:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 2

Group Name	Control	100ppb	400ppb	1600ppb
SITE : liver TUMOR : hepatocellular adenoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	1/50(2.0)	3/50(6.0)	3/50(6.0)
Adjusted rates(b)	10.53	6.67	8.82	13.04
Terminal rates(c)	0/11(0.0)	1/15(6.7)	1/14(7.1)	1/15(6.7)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.5380			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.8744			
Fisher Exact test(e)		P = 0.1811	P = 0.5000	P = 0.5000
SITE : liver TUMOR : hepatocellular adenoma, hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	2/50(4.0)	5/50(10.0)	5/50(10.0)
Adjusted rates(b)	10.53	6.67	13.16	13.04
Terminal rates(c)	0/11(0.0)	1/15(6.7)	1/14(7.1)	1/15(6.7)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.3263			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.4620			
Fisher Exact test(e)		P = 0.3389	P = 0.5000	P = 0.5000

(HPT360A)

BA1S5

- (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 M2

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

STUDY No. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 3

Group Name	Control	100ppb	400ppb	1600ppb
SITE : nasal cavity TUMOR : adenoma				
Tumor rate				
Overall rates(a)	0/50(0.0)	0/50(0.0)	0/50(0.0)	16/50(32.0)
Adjusted rates(b)	0.0	0.0	0.0	46.15
Terminal rates(c)	0/11(0.0)	0/18(0.0)	0/14(0.0)	8/19(42.1)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P < 0.0001**?			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P < 0.0001**			
Fisher Exact test(e)		P = N. C.	P = N. C.	P < 0.0001**
SITE : lung TUMOR : bronchiolar-alveolar adenoma				
Tumor rate				
Overall rates(a)	1/50(2.0)	3/50(6.0)	0/50(0.0)	0/50(0.0)
Adjusted rates(b)	4.35	11.11	0.0	0.0
Terminal rates(c)	0/11(0.0)	2/18(11.1)	0/14(0.0)	0/19(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.9521			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.1541			
Fisher Exact test(e)		P = 0.3087	P = 0.5000	P = 0.5000
SITE : lung TUMOR : bronchiolar-alveolar adenoma, bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	2/50(4.0)	3/50(6.0)	0/50(0.0)	1/50(2.0)
Adjusted rates(b)	9.09	11.11	0.0	4.17
Terminal rates(c)	1/11(9.1)	2/18(11.1)	0/14(0.0)	0/19(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.8269			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.4166			
Fisher Exact test(e)		P = 0.5000	P = 0.2475	P = 0.5000

STUDY No. : 0817
 ANIMAL : MOUSE B6D2F1/Gr1j[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 4

Group Name	Control	100ppb	400ppb	1600ppb
SITE : lymph node TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	12/50(24.0)	8/50(16.0)	6/50(12.0)	17/50(34.0)
Adjusted rates(b)	28.57	27.78	35.71	47.37
Terminal rates(c)	3/11(27.3)	5/18(27.8)	5/14(35.7)	9/19(47.4)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.2189			
Prevalence method(d)	P = 0.1017			
Combined analysis(d)	P = 0.0727			
Cochran-Armitage test(e)	P = 0.0347*			
Fisher Exact test(e)		P = 0.2270	P = 0.0961	P = 0.1891
SITE : liver TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	0/50(0.0)	2/50(4.0)	0/50(0.0)	3/50(6.0)
Adjusted rates(b)	0.0	0.0	0.0	5.26
Terminal rates(c)	0/11(0.0)	0/18(0.0)	0/14(0.0)	1/19(5.3)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.2068			
Prevalence method(d)	P = 0.2110			
Combined analysis(d)	P = 0.0923			
Cochran-Armitage test(e)	P = 0.0917			
Fisher Exact test(e)		P = 0.2475	P = N. C.	P = 0.1212
SITE : liver TUMOR : hepatocellular adenoma, hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	2/50(4.0)	3/50(6.0)	0/50(0.0)	1/50(2.0)
Adjusted rates(b)	9.09	14.29	0.0	0.0
Terminal rates(c)	1/11(9.1)	2/18(11.1)	0/14(0.0)	0/19(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.1743			
Prevalence method(d)	P = 0.9823			
Combined analysis(d)	P = 0.8389			
Cochran-Armitage test(e)	P = 0.4166			
Fisher Exact test(e)		P = 0.5000	P = 0.2475	P = 0.5000

STUDY No. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 5

Group Name	Control	100ppb	400ppb	1600ppb
SITE : uterus TUMOR : endometrial stromal polyp				
Tumor rate				
Overall rates(a)	1/50(2.0)	1/50(2.0)	2/50(4.0)	3/50(6.0)
Adjusted rates(b)	9.09	2.56	6.90	12.50
Terminal rates(c)	1/11(9.1)	0/18(0.0)	0/14(0.0)	2/19(10.5)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.1457			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.2219			
Fisher Exact test(e)		P = 0.7525	P = 0.5000	P = 0.3087
SITE : uterus TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	6/50(12.0)	13/50(26.0)	14/50(28.0)	6/50(12.0)
Adjusted rates(b)	3.13	30.00	23.53	5.26
Terminal rates(c)	0/11(0.0)	5/18(27.8)	3/14(21.4)	1/19(5.3)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.6420			
Prevalence method(d)	P = 0.9602			
Combined analysis(d)	P = 0.9192			
Cochran-Armitage test(e)	P = 0.2661			
Fisher Exact test(e)		P = 0.0624	P = 0.0392*	P = 0.6202

(HPT360A)

BA1S5

- (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 N1

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

TABLE N1 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. (%)
Nasal cavity Adenoma	499	1	0.2	0 - 2

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

Study No. : 0458, 0515, 0561, 0580, 0611, 0613, 0676, 0705, 0732, 0754, 0775

TABLE N2

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

TABLE N2 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. (%)
Nasal cavity Adenoma	500	0	0	0 - 0
Lymph node Malignant lymphoma	500	169	33.8	28 - 46
Uterus Histiocytic sarcoma	500	114	22.8	18 - 34

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

Study No. : 0458, 0515, 0561, 0580, 0611, 0613, 0676, 0705, 0732, 0754, 0775

TABLE O1

HISTOPATHOLOGICAL FINDINGS :
NON-NEOPLASTIC LESIONS : MALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0- 94W)

PAGE : 1

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm			
		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+ (%)
{Integumentary system/appandage}																		
skin/app			<50>				<50>				<50>				<50>			
	ulcer		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)	0 (0)	0 (0)	0 (0)
	erosion		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)	0 (0)	0 (0)
	squamous cell hyperplasia		1 (2)	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)
	scab		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)
	epidermal cyst		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)
	xanthogranuloma		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)
subcutis			<50>				<50>				<50>				<50>			
	inflammation		0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	epidermal cyst		0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)

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

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 94W)

PAGE : 2

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
nasal cavit			<50>				<50>				<50>				<50>			
	exudate		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	27 (54)	8 (16)	0 (0)	0 (0)	**
	eosinophilic change:olfactory epithelium		7 (14)	0 (0)	0 (0)	0 (0)	6 (12)	0 (0)	0 (0)	0 (0)	7 (14)	0 (0)	0 (0)	2 (4)	1 (2)	0 (0)	0 (0)	
	eosinophilic change:respiratory epithelium		4 (8)	1 (2)	0 (0)	0 (0)	7 (14)	2 (4)	0 (0)	0 (0)	7 (14)	0 (0)	0 (0)	10 (20)	24 (48)	0 (0)	0 (0)	**
	inflammation:foreign body		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)	
	inflammation:respiratory epithelium		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	22 (44)	2 (4)	0 (0)	0 (0)	**
	respiratory metaplasia:olfactory epithelium		1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	27 (54)	3 (6)	0 (0)	0 (0)	**
	respiratory metaplasia:gland		13 (26)	0 (0)	0 (0)	0 (0)	11 (22)	0 (0)	0 (0)	0 (0)	16 (32)	1 (2)	0 (0)	21 (42)	13 (26)	0 (0)	0 (0)	**
	squamous cell metaplasia:respiratory epithelium		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	27 (54)	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. : 0817
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 94W)

PAGE : 3

Organ_____	Findings_____	Group Name	Control				0.1ppm				0.4ppm				1.6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
nasal cavit			<50>				<50>				<50>				<50>			
	atrophy:turbinate		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	6 (12)	0 (0)	0 (0)	0 (0)	* (0)
	hyperplasia:transitional epithelium		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	13 (26)	0 (0)	0 (0)	0 (0)	** (0)
	septal perforation		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	
	regeneration:respiratory epithelium		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	28 (56)	20 (40)	0 (0)	0 (0)**
	atrophy:olfactory epithelium		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	17 (34)	0 (0)	0 (0)	0 (0)	** (0)
	hyperplasia:respiratory epithelium		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	10 (20)	5 (10)	0 (0)	0 (0)	** (0)
	adhesion:turbinate		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	9 (18)	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)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)	

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

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0- 94W)

PAGE : 4

Organ	Findings	Group Name No. of Animals on Study				Control				0.1ppm				0.4ppm				1.6ppm			
		Grade				50				50				50				50			
		1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																					
lung		<50>				<50>				<50>				<50>				<50>			
	hemorrhage	1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)
	edema	3 (6)	3 (6)	0 (0)	0 (0)	5 (10)	3 (6)	0 (0)	0 (0)	3 (6)	3 (6)	0 (0)	0 (0)	3 (6)	3 (6)	0 (0)	0 (0)	6 (12)	2 (4)	0 (0)	0 (0)
	thrombus	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	deposit of amyloid	10 (20)	0 (0)	0 (0)	0 (0)	6 (12)	0 (0)	0 (0)	0 (0)	7 (14)	0 (0)	0 (0)	0 (0)	7 (14)	0 (0)	0 (0)	0 (0)	6 (12)	0 (0)	0 (0)	0 (0)
	inflammatory infiltration	2 (4)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)
	granulomatous inflammation	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)
	bronchiolar-alveolar cell hyperplasia	5 (10)	0 (0)	0 (0)	0 (0)	5 (10)	0 (0)	0 (0)	0 (0)	7 (14)	0 (0)	0 (0)	0 (0)	7 (14)	0 (0)	0 (0)	0 (0)	7 (14)	0 (0)	0 (0)	0 (0)
	accumulation:macrophage	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)	1 (2)	0 (0)	0 (0)	0 (0)

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

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ALL ANIMALS (0- 94W)

PAGE : 5

Organ	Findings	Group Name	Control				0.1ppm				0.4ppm				1.6ppm			
		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>			
		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)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
granulopoiesis:increased	6	2	0	0	8	0	0	0	9	0	0	0	3	0	0	0		
	(12)	(4)	(0)	(0)	(16)	(0)	(0)	(0)	(18)	(0)	(0)	(0)	(6)	(0)	(0)	(0)		
lymph node	lymphadenitis		<50>				<50>				<50>				<50>			
		2	0	0	0	0	0	0	0	1	0	0	0	2	1	0	0	
		(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(4)	(2)	(0)	(0)	
spleen	deposit of melanin		<50>				<50>				<50>				<50>			
		1	0	0	0	1	0	0	0	2	0	0	0	2	0	0	0	
		(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	
extramedullary hematopoiesis	25	2	0	0	25	4	0	0	21	4	0	0	22	4	0	0		
	(50)	(4)	(0)	(0)	(50)	(8)	(0)	(0)	(42)	(8)	(0)	(0)	(44)	(8)	(0)	(0)		
follicular hyperplasia	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0		
	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)		
{Circulatory system}																		
heart	thrombus		<50>				<50>				<50>				<50>			
		1	1	0	0	1	0	0	0	1	0	0	0	0	2	0	0	
		(2)	(2)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square																		

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ALL ANIMALS (0- 94W)

PAGE : 6

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)
[Circulatory system]																		
heart			<50>				<50>				<50>				<50>			
	necrosis:focal		1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	deposit of amyloid		18 (36)	14 (28)	0 (0)	0 (0)	17 (34)	15 (30)	0 (0)	0 (0)	14 (28)	17 (34)	0 (0)	0 (0)	15 (30)	19 (38)	0 (0)	0 (0)
	subendocardial fibrosis		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)
	arteritis		2 (4)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)
[Digestive system]																		
tooth			<50>				<50>				<50>				<50>			
	dysplasia		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)
tongue			<50>				<50>				<50>				<50>			
	arteritis		2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	1 (2)	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

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HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 94W)

PAGE : 7

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm			
		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>			
	deposit of amyloid		45 (90)	1 (2)	0 (0)	0 (0)	43 (86)	2 (4)	0 (0)	0 (0)	38 (76)	0 (0)	0 (0)	0 (0)	48 (96)	2 (4)	0 (0)	0 (0)
	arteritis		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)
	hyperkeratosis:forestomach		29 (58)	12 (24)	0 (0)	0 (0)	26 (52)	15 (30)	0 (0)	0 (0)	21 (42)	16 (32)	0 (0)	0 (0)	31 (62)	10 (20)	0 (0)	0 (0)
	hyperplasia:glandular stomach		6 (12)	40 (80)	1 (2)	0 (0)	8 (16)	41 (82)	0 (0)	0 (0)	7 (14)	38 (76)	1 (2)	0 (0)	9 (18)	39 (78)	0 (0)	0 (0)
small intes			<50>				<50>				<50>				<50>			
	hemorrhage		0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	deposit of amyloid		5 (10)	40 (80)	3 (6)	0 (0)	2 (4)	45 (90)	0 (0)	0 (0)	1 (2)	45 (90)	0 (0)	0 (0)	1 (2)	44 (88)	3 (6)	0 (0)
large intes			<50>				<50>				<50>				<50>			
	deposit of amyloid		11 (22)	0 (0)	0 (0)	0 (0)	15 (30)	0 (0)	0 (0)	0 (0)	13 (26)	0 (0)	0 (0)	0 (0)	18 (36)	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

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HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0- 94W)

PAGE : 8

Organ_____	Findings_____	Group Name	Control				0.1ppm				0.4ppm				1.6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
liver			<50>				<50>				<50>				<50>			
	angiectasis		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)
	necrosis:focal		2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	2 (4)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)
	deposit of amyloid		27 (54)	0 (0)	0 (0)	0 (0)	27 (54)	0 (0)	0 (0)	0 (0)	29 (58)	0 (0)	0 (0)	0 (0)	29 (58)	0 (0)	0 (0)	0 (0)
	granulomatous inflammation		0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	inflammatory cell nest		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)
	acidophilic cell focus		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	basophilic cell focus		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)	1 (2)	0 (0)	0 (0)

{Urinary system}

kidney			<50>				<50>				<50>				<50>				<50>			
	angiectasis		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)

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. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0- 94W)

PAGE : 9

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney																		
			<50>				<50>				<50>				<50>			
	cyst		1 (2)	4 (8)	0 (0)	0 (0)	3 (6)	1 (2)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	3 (6)	6 (12)	0 (0)	0 (0)
	hyaline droplet		0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	deposit of amyloid		3 (6)	36 (72)	1 (2)	0 (0)	7 (14)	31 (62)	1 (2)	0 (0)	4 (8)	32 (64)	1 (2)	0 (0)	3 (6)	38 (76)	2 (4)	0 (0)
	inflammatory infiltration		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	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)	0 (0)	0 (0)	0 (0)	0 (0)
	papillomatous polyp		1 (2)	2 (4)	0 (0)	0 (0)	3 (6)	1 (2)	0 (0)	0 (0)	1 (2)	1 (2)	1 (2)	0 (0)	2 (4)	3 (6)	1 (2)	0 (0)
	arteritis		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)
	hydronephrosis		2 (4)	3 (6)	3 (6)	0 (0)	1 (2)	5 (10)	3 (6)	0 (0)	1 (2)	2 (4)	5 (10)	0 (0)	1 (2)	2 (4)	3 (6)	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. : 0817
 ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 94W)

PAGE : 10

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney			<50>				<50>				<50>				<50>			
	pyelonephritis		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)
	papillary necrosis		4	0	0	0	1	1	0	0	3	1	0	0	3	1	0	0
			(8)	(0)	(0)	(0)	(2)	(2)	(0)	(0)	(6)	(2)	(0)	(0)	(6)	(2)	(0)	(0)
	regeneration:proximal tubule		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
			(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
	nephrosclerosis		1	30	2	0	5	29	0	0	3	26	1	0	3	32	4	0
			(2)	(60)	(4)	(0)	(10)	(58)	(0)	(0)	(6)	(52)	(2)	(0)	(6)	(64)	(8)	(0)
urin bladd			<50>				<50>				<50>				<50>			
	dilatation		0	3	0	0	0	6	0	0	0	4	0	0	1	2	0	0
			(0)	(6)	(0)	(0)	(0)	(12)	(0)	(0)	(0)	(8)	(0)	(0)	(2)	(4)	(0)	(0)
	inflammation		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	simple hyperplasia:transitional epithelium		0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(2)	(2)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
urethra			<50>				<50>				<50>				<50>			
	inflammation		0	0	0	0	0	3	1	0	0	2	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(6)	(2)	(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. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0- 94W)

PAGE : 11

Organ_____	Findings_____	Group Name	Control				0.1ppm				0.4ppm				1.6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}																		
pituitary	cyst		<49>				<50>				<50>				<50>			
		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	
	Rathke pouch		1	0	0	0	1	0	0	0	2	0	0	0	2	0	0	0
		(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	
adrenal	deposit of amyloid		<50>				<50>				<50>				<50>			
		6	23	16	0	7	21	19	0	10	23	15	0	5	27	14	0	
		(12)	(46)	(32)	(0)	(14)	(42)	(38)	(0)	(20)	(46)	(30)	(0)	(10)	(54)	(28)	(0)	
	spindle-cell hyperplasia		21	2	0	0	23	1	0	0	30	2	0	0	25	0	0	0
		(42)	(4)	(0)	(0)	(46)	(2)	(0)	(0)	(60)	(4)	(0)	(0)	(50)	(0)	(0)	(0)	
	focal hypertrophy:cortex		1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
{Reproductive system}																		
testis	atrophy		<50>				<50>				<50>				<50>			
		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 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. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 94W)

PAGE : 12

Organ	Findings	Group Name	Control				0.1ppm				0.4ppm				1.6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																		
testis			<50>				<50>				<50>				<50>			
	edema		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	deposit of amyloid		1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)
	mineralization		1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	spermatogenic granuloma		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)
epididymis	spermatogenic granuloma		3 (6)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)
			<50>				<50>				<50>				<50>			
prostate	inflammation		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
			<50>				<50>				<50>				<50>			
prep/cli gl	duct ectasia		2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
			<50>				<50>				<50>				<50>			
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. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 94W)

PAGE : 13

Organ_____	Findings_____	Group Name	Control				0.1ppm				0.4ppm				1.6ppm			
		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+
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Nervous system}																		
brain																		
	mineralization		16 (32)	0 (0)	0 (0)	0 (0)	14 (28)	0 (0)	0 (0)	0 (0)	18 (36)	0 (0)	0 (0)	0 (0)	13 (26)	0 (0)	0 (0)	0 (0)
	gliosis		1 (2)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)
{Special sense organs/appendage}																		
Harder gl																		
	deposit of amyloid		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)
	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)	0 (0)	0 (0)	0 (0)	0 (0)

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

(HPT150)

BAIS5

TABLE O2

HISTOPATHOLOGICAL FINDINGS :
NON-NEOPLASTIC LESIONS : FEMALE

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Gr1j[Crj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 1

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm			
		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+
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																		
skin/app	scab		<50>				<50>				<50>				<49>			
		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)
subcutis	inflammation		<50>				<50>				<50>				<50>			
		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)	0 (0)	0 (0)
{Respiratory system}																		
nasal cavit	exudate		<50>				<50>				<50>				<50>			
		1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	38 (76)	7 (14)	0 (0)	0 (0) **
	eosinophilic change:olfactory epithelium		22 (44)	1 (2)	0 (0)	0 (0)	21 (42)	0 (0)	0 (0)	0 (0)	19 (38)	0 (0)	0 (0)	0 (0)	12 (24)	0 (0)	0 (0)	0 (0)
		eosinophilic change:respiratory epithelium		29 (58)	17 (34)	0 (0)	0 (0)	24 (48)	17 (34)	1 (2)	0 (0)	22 (44)	20 (40)	2 (4)	0 (0)	22 (44)	24 (48)	2 (4)
	inflammation:respiratory epithelium			2 (4)	0 (0)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)	10 (20)	0 (0)	0 (0)	0 (0) *	32 (64)	5 (10)	0 (0)

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

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crl:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 2

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm				
		No. of Animals on Study	50				50				50				50				
		Grade	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
[Respiratory system]																			
nasal cavit			<50>				<50>				<50>				<50>				
	respiratory metaplasia:olfactory epithelium		8 (16)	0 (0)	0 (0)	0 (0)	11 (22)	0 (0)	0 (0)	0 (0)	6 (12)	1 (2)	0 (0)	0 (0)	36 (72)	8 (16)	0 (0)	0 (0)	**
	respiratory metaplasia:gland		17 (34)	0 (0)	0 (0)	0 (0)	13 (26)	0 (0)	0 (0)	0 (0)	15 (30)	4 (8)	0 (0)	0 (0)	27 (54)	13 (26)	0 (0)	0 (0)	**
	squamous cell metaplasia:respiratory epithelium		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	45 (90)	2 (4)	0 (0)	0 (0)	**
	atrophy:turbinate		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	
	hyperplasia:transitional epithelium		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	
	septal perforation		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	
	regeneration:respiratory epithelium		0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	4 (8)	0 (0)	0 (0)	0 (0)	43 (86)	7 (14)	0 (0)	0 (0)	**
	atrophy:olfactory epithelium		0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	11 (22)	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. : 0817
 ANIMAL : MOUSE B6D2F1/Gr1j[Grj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 3

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
[Respiratory system]																		
nasal cavit			<50>				<50>				<50>				<50>			
	necrosis:respiratory epithelium		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)
	hyperplasia:respiratory epithelium		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	4 (8)	3 (6)	0 (0)	0 * (0)	20 (40)	8 (16)	0 (0)	0 ** (0)
	adhesion:turbinate		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)	
nasopharynx			<50>				<50>				<50>				<50>			
	eosinophilic change		6 (12)	0 (0)	0 (0)	0 (0)	4 (8)	1 (2)	0 (0)	0 (0)	5 (10)	1 (2)	0 (0)	0 (0)	10 (20)	1 (2)	0 (0)	0 (0)
lung			<50>				<50>				<50>				<50>			
	hemorrhage		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)
	edema		10 (20)	0 (0)	0 (0)	0 (0)	9 (18)	2 (4)	0 (0)	0 (0)	5 (10)	0 (0)	0 (0)	0 (0)	4 (8)	1 (2)	0 (0)	0 (0)
	deposit of amyloid		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)	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. : 0817
 ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 4

Organ	Findings	Group Name	Control				0.1ppm				0.4ppm				1.6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)
{Respiratory system}																		
lung	lymphocytic infiltration		<50>				<50>				<50>				<50>			
		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)
	bronchiolar-alveolar cell hyperplasia		5 (10)	0 (0)	0 (0)	0 (0)	7 (14)	0 (0)	0 (0)	0 (0)	8 (16)	0 (0)	0 (0)	0 (0)	8 (16)	1 (2)	0 (0)	0 (0)
{Hematopoietic system}																		
bone marrow	increased hematopoiesis		<50>				<50>				<50>				<50>			
		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)
	granulopoiesis:increased		5 (10)	0 (0)	0 (0)	0 (0)	6 (12)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)	4 (8)	0 (0)	0 (0)	0 (0)
lymph node	deposit of amyloid		<50>				<50>				<50>				<50>			
		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)
	lymphadenitis		4 (8)	0 (0)	0 (0)	0 (0)	4 (8)	1 (2)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	3 (6)	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. : 0817
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 5

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm			
		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}																		
thymus	atrophy		<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)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
spleen	deposit of amyloid		<50>				<50>				<50>				<50>			
		0	2	0	0	3	1	0	0	0	1	0	0	0	0	0	0	0
		(0)	(4)	(0)	(0)	(6)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	deposit of hemosiderin		22	0	0	0	19	0	0	0	20	0	0	0	18	0	0	0
			(44)	(0)	(0)	(0)	(38)	(0)	(0)	(0)	(40)	(0)	(0)	(0)	(36)	(0)	(0)	(0)
	deposit of melanin		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)	
extramedullary hematopoiesis	follicular hyperplasia		16	2	0	0	19	4	0	0	21	4	0	0	19	2	0	0
			(32)	(4)	(0)	(0)	(38)	(8)	(0)	(0)	(42)	(8)	(0)	(0)	(38)	(4)	(0)	(0)
		1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
		(2)	(2)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
{Circulatory system}																		
heart	thrombus		<50>				<50>				<50>				<50>			
		0	0	0	0	0	3	0	0	1	0	0	0	1	1	0	0	
	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(2)	(0)	(0)		

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

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Gr1j[Crj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 6

Organ	Findings	Group Name No. of Animals on Study				Control				0.1ppm				0.4ppm				1.6ppm			
		Grade				50				50				50				50			
		1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
[Circulatory system]																					
heart																					
	deposit of amyloid	13 (26)	17 (34)	0 (0)	0 (0)	11 (22)	20 (40)	0 (0)	0 (0)	13 (26)	15 (30)	0 (0)	0 (0)	10 (20)	22 (44)	0 (0)	0 (0)				
	mineralization	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)	0 (0)				
	arteritis	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)				
[Digestive system]																					
tongue																					
	arteritis	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)				
salivary gl																					
	deposit of amyloid	11 (22)	0 (0)	0 (0)	0 (0)	9 (18)	0 (0)	0 (0)	0 (0)	7 (14)	0 (0)	0 (0)	0 (0)	7 (14)	0 (0)	0 (0)	0 (0)				
	lymphocytic infiltration	1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)				

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. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 7

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm			
		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>			
	deposit of amyloid		46 (92)	0 (0)	0 (0)	0 (0)	44 (88)	0 (0)	0 (0)	0 (0)	45 (90)	2 (4)	0 (0)	0 (0)	43 (86)	0 (0)	0 (0)	0 (0)
	mineralization		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)
	hyperplasia:forestomach		0 (0)	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)
	hyperkeratosis:forestomach		26 (52)	13 (26)	0 (0)	0 (0)	27 (54)	17 (34)	0 (0)	0 (0)	20 (40)	17 (34)	0 (0)	0 (0)	24 (48)	14 (28)	0 (0)	0 (0)
	hyperplasia:glandular stomach		22 (44)	27 (54)	0 (0)	0 (0)	13 (26)	37 (74)	0 (0)	0 (0)	5 (10)	44 (88)	0 (0)	0 (0) **	16 (32)	31 (62)	0 (0)	0 (0)
small intes			<50>				<50>				<50>				<50>			
	deposit of amyloid		2 (4)	44 (88)	2 (4)	0 (0)	0 (0)	47 (94)	0 (0)	0 (0)	0 (0)	48 (96)	1 (2)	0 (0)	2 (4)	44 (88)	1 (2)	0 (0)
large intes			<50>				<50>				<50>				<50>			
	deposit of amyloid		19 (38)	1 (2)	0 (0)	0 (0)	16 (32)	2 (4)	0 (0)	0 (0)	14 (28)	1 (2)	0 (0)	0 (0)	22 (44)	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. : 0817
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 8

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
[Digestive system]																		
liver			<50>				<50>				<50>				<50>			
	angiectasis		1 (2)	1 (2)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	necrosis:focal		1 (2)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)
	deposit of amyloid		15 (30)	6 (12)	0 (0)	0 (0)	12 (24)	9 (18)	0 (0)	0 (0)	13 (26)	8 (16)	0 (0)	0 (0)	11 (22)	7 (14)	0 (0)	0 (0)
	inflammatory infiltration		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	inflammatory cell nest		2 (4)	0 (0)	0 (0)	0 (0)	5 (10)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)
	proliferation:histiocyte		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)
	acidophilic cell focus		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)
basophilic cell focus		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	

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

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 9

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney			<50>				<50>				<50>				<50>			
	cyst		1 (2)	2 (4)	0 (0)	0 (0)	2 (4)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	hyaline droplet		3 (6)	1 (2)	0 (0)	0 (0)	4 (8)	7 (14)	0 (0)	0 (0)	6 (12)	3 (6)	0 (0)	0 (0)	6 (12)	0 (0)	0 (0)	0 (0)
	deposit of amyloid		7 (14)	24 (48)	2 (4)	0 (0)	3 (6)	25 (50)	4 (8)	0 (0)	2 (4)	21 (42)	5 (10)	0 (0)	11 (22)	21 (42)	1 (2)	0 (0)
	lymphocytic infiltration		0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	papillomatous polyp		3 (6)	2 (4)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)
	hydronephrosis		2 (4)	6 (12)	1 (2)	0 (0)	3 (6)	6 (12)	0 (0)	0 (0)	2 (4)	6 (12)	1 (2)	1 (2)	2 (4)	5 (10)	2 (4)	0 (0)
	papillary necrosis		4 (8)	1 (2)	0 (0)	0 (0)	8 (16)	2 (4)	0 (0)	0 (0)	7 (14)	5 (10)	0 (0)	0 (0)	8 (16)	2 (4)	0 (0)	0 (0)
	regeneration:proximal tubule		0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)

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. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 10

		Group Name	Control				0.1ppm				0.4ppm				1.6ppm			
		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}																		
kidney	nephrosclerosis		<50>				<50>				<50>				<50>			
		2	34	1	0	3	30	0	0	4	33	1	0	4	23	0	0	
			(4)	(68)	(2)	(0)	(6)	(60)	(0)	(0)	(8)	(66)	(2)	(0)	(8)	(46)	(0)	(0)
urin bladd	dilatation		<50>				<50>				<50>				<50>			
		0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	
			(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)
{Endocrine system}																		
pituitary	congestion		<50>				<50>				<50>				<50>			
		0	0	2	0	0	0	1	0	0	0	0	0	0	1	0	0	
			(0)	(0)	(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	
	cyst		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)	
	hyperplasia		2	0	0	0	4	0	0	0	0	0	0	0	1	0	0	0
		(4)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	Rathke pouch		2	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0
		(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	
Grade	1+ : Slight	2+ : Moderate	3+ : Marked	4+ : Severe														
< a >	a : Number of animals examined at the site																	
b	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. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
REPORT TYPE : A2
SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
ALL ANIMALS (0-100W)

PAGE : 11

Organ	Findings	Group Name No. of Animals on Study				Control				0.1ppm				0.4ppm				1.6ppm			
		Grade				50				50				50				50			
		1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
[Endocrine system]																					
thyroid		<50>				<50>				<50>				<50>				<50>			
	vacuolic change	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)
	deposit of amyloid	6	0	0	0	3	0	0	0	3	0	0	0	3	0	0	0	4	0	0	0
		(12)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(8)	(0)	(0)	(0)
adrenal		<50>				<50>				<50>				<50>				<50>			
	deposit of amyloid	5	16	28	0	1	9	40	0	1	9	40	0	1	9	40	0	2	18	30	0
		(10)	(32)	(56)	(0)	(2)	(18)	(80)	(0)	(2)	(18)	(80)	(0)	(2)	(18)	(80)	(0)	(4)	(36)	(60)	(0)
	spindle-cell hyperplasia	3	46	1	0	1	48	1	0	0	48	2	0	0	48	2	0	2	46	2	0
		(6)	(92)	(2)	(0)	(2)	(96)	(2)	(0)	(0)	(96)	(4)	(0)	(0)	(96)	(4)	(0)	(4)	(92)	(4)	(0)
	focal hypertrophy:cortex	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
		(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)
[Reproductive system]																					
ovary		<50>				<50>				<50>				<50>				<50>			
	atrophy	0	28	22	0	2	17	31	0 *	0	19	30	0	0	38	60	0	2	26	22	0
		(0)	(56)	(44)	(0)	(4)	(34)	(62)	(0)	(0)	(38)	(60)	(0)	(0)	(38)	(60)	(0)	(4)	(52)	(44)	(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. : 0817
 ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 12

Organ	Findings	Group Name	Control				0.1ppm				0.4ppm				1.6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																		
ovary			<50>				<50>				<50>				<50>			
	hemorrhage		0	2	0	0	0	6	0	0	0	5	0	0	0	2	1	0
			(0)	(4)	(0)	(0)	(0)	(12)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(4)	(2)	(0)
	cyst		2	10	0	0	0	10	0	0	0	9	0	0	0	7	0	0
			(4)	(20)	(0)	(0)	(0)	(20)	(0)	(0)	(0)	(18)	(0)	(0)	(0)	(14)	(0)	(0)
	deposit of amyloid		3	15	30	0	3	18	27	0	4	22	22	0	4	28	13	0 **
			(6)	(30)	(60)	(0)	(6)	(36)	(54)	(0)	(8)	(44)	(44)	(0)	(8)	(56)	(26)	(0)
uterus			<50>				<50>				<50>				<50>			
	dilatation		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)
	cyst		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)
	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)	(0)	
	cystic endometrial hyperplasia		7	1	0	0	10	1	0	0	7	2	0	0	9	4	0	0
			(14)	(2)	(0)	(0)	(20)	(2)	(0)	(0)	(14)	(4)	(0)	(0)	(18)	(8)	(0)	(0)
	xanthogranuloma		0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(2)	(0)	(0)

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. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 13

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)
{Reproductive system}																		
vagina																		
	basal cell hyperplasia		<50>				<50>				<50>				<50>			
			0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)
{Nervous system}																		
brain																		
	infarct		<50>				<50>				<50>				<50>			
			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)
	deposit of amyloid		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)
	mineralization		7 (14)	0 (0)	0 (0)	0 (0)	10 (20)	0 (0)	0 (0)	0 (0)	7 (14)	0 (0)	0 (0)	0 (0)	5 (10)	0 (0)	0 (0)	0 (0)
	gliosis		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)
periph nerv																		
	inflammation		<50>				<50>				<50>				<50>			
			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)

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. : 0817
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 14

Organ_____	Findings_____	Group Name	Control				0. 1ppm				0. 4ppm				1. 6ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
[Special sense organs/appendage]																		
Harder gl	deposit of amyloid		<50>				<50>				<50>				<50>			
		1	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(2)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
hyperplasia		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	
	[Musculoskeletal system]																	
muscle	mineralization		<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	

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 P1

HISTOPATHOLOGICAL FINDINGS :

METASTASIS OF TUMOR :

MALE

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY)
 ALL ANIMALS (0- 94W)

PAGE : 1

Organ	Findings	Group Name No. of Animals on Study	Control 50	0. 1ppm 50	0. 4ppm 50	1. 6ppm 50
{Respiratory system}						
nasal cavit	leukemic cell infiltration		<50> 0	<50> 1	<50> 1	<50> 0
	metastasis:lymph node tumor		0	0	1	0
lung	metastasis:liver tumor		<50> 0	<50> 0	<50> 1	<50> 1
	metastasis:peritoneum tumor		1	0	0	0
	metastasis:subcutis tumor		0	0	1	0
	metastasis:spleen tumor		1	0	0	0
{Hematopoietic system}						
bone marrow	metastasis:liver tumor		<50> 0	<50> 1	<50> 0	<50> 0
	metastasis:subcutis tumor		0	0	1	0
lymph node	metastasis:liver tumor		<50> 0	<50> 1	<50> 0	<50> 0
	metastasis:peritoneum tumor		0	1	0	0
	metastasis:spleen tumor		1	0	0	0
spleen	leukemic cell infiltration		<50> 1	<50> 2	<50> 1	<50> 0
	metastasis:liver tumor		0	1	0	0
	metastasis:subcutis tumor		0	0	1	0
< a >	a : Number of animals examined at the site					
b	b : Number of animals with lesion					

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY)
 ALL ANIMALS (0- 94W)

PAGE : 2

Organ	Findings	Group Name No. of Animals on Study	Control 50	0.1ppm 50	0.4ppm 50	1.6ppm 50
{Hematopoietic system}						
spleen	metastasis:lymph node tumor		<50> 0	<50> 1	<50> 0	<50> 0
{Digestive system}						
stomach	metastasis:peritoneum tumor		<50> 1	<50> 0	<50> 0	<50> 0
small intes	leukemic cell infiltration		<50> 0	<50> 1	<50> 1	<50> 1
	metastasis:peritoneum tumor		1	1	0	0
large intes	metastasis:peritoneum tumor		<50> 1	<50> 0	<50> 0	<50> 0
liver	leukemic cell infiltration		<50> 0	<50> 0	<50> 1	<50> 0
	metastasis:peritoneum tumor		1	0	0	0
	metastasis:lymph node tumor		0	0	1	0
pancreas	leukemic cell infiltration		<50> 1	<50> 0	<50> 0	<50> 0
	metastasis:peritoneum tumor		1	0	0	0
{Urinary system}						
kidney	leukemic cell infiltration		<50> 0	<50> 0	<50> 1	<50> 0
	metastasis:liver tumor		0	0	0	1
< a > a : Number of animals examined at the site b b : Number of animals with lesion						

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY)
 ALL ANIMALS (0- 94W)

PAGE : 3

Group Name No. of Animals on Study		Control 50	0. 1ppm 50	0. 4ppm 50	1. 6ppm 50
Organ	Findings				
{Urinary system}					
kidney		<50>	<50>	<50>	<50>
	metastasis:lymph node tumor	0	0	1	0
{Endocrine system}					
adrenal		<50>	<50>	<50>	<50>
	metastasis:peritoneum tumor	1	0	0	0
{Reproductive system}					
epididymis		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	0	1	0
	metastasis:peritoneum tumor	0	1	0	0
semin ves		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	1	0	0
	metastasis:peritoneum tumor	0	1	0	0
prostate		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	1	0	0
	metastasis:peritoneum tumor	0	1	0	0
{Body cavities}					
mediastinum		<50>	<50>	<50>	<50>
	metastasis:peritoneum tumor	0	1	0	0
< a > a : Number of animals examined at the site b b : Number of animals with lesion					

TABLE P2

HISTOPATHOLOGICAL FINDINGS :

METASTASIS OF TUMOR :

FEMALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A2
SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY)
ALL ANIMALS (0-100W)

PAGE : 1

Group Name No. of Animals on Study		Control 50	0.1ppm 50	0.4ppm 50	1.6ppm 50
Organ	Findings				
{Integumentary system/appandage}					
skin/app		<50>	<50>	<50>	<49>
	leukemic cell infiltration	0	0	1	1
subcutis		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	0	1	0
	metastasis:bone tumor	1	0	0	0
{Respiratory system}					
nasal cavit		<50>	<50>	<50>	<50>
	leukemic cell infiltration	1	0	0	1
lung		<50>	<50>	<50>	<50>
	leukemic cell infiltration	5	5	1	6
	metastasis:liver tumor	0	1	0	1
	metastasis:uterus tumor	1	0	3	0
	metastasis:subcutis tumor	1	0	0	0
	metastasis:spleen tumor	0	0	1	0
{Hematopoietic system}					
bone marrow		<50>	<50>	<50>	<50>
	leukemic cell infiltration	2	2	2	4
	metastasis:liver tumor	0	2	0	2
	metastasis:uterus tumor	1	2	3	3
lymph node		<50>	<50>	<50>	<50>
	metastasis:liver tumor	0	1	0	0
< a >	a : Number of animals examined at the site				
b	b : Number of animals with lesion				

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A2
SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY)
ALL ANIMALS (0-100W)

PAGE : 2

		Group Name	Control	0. 1ppm	0. 4ppm	1. 6ppm
		No. of Animals on Study	50	50	50	50
Organ	Findings					
{Hematopoietic system}						
lymph node	metastasis:uterus tumor		<50> 0	<50> 1	<50> 1	<50> 1
	metastasis:subcutis tumor		1	0	1	0
	metastasis:spleen tumor		0	0	2	0
spleen	leukemic cell infiltration		<50> 9	<50> 4	<50> 3	<50> 9
	metastasis:liver tumor		0	2	0	1
	metastasis:uterus tumor		1	1	0	1
{Circulatory system}						
heart	leukemic cell infiltration		<50> 0	<50> 0	<50> 1	<50> 1
{Digestive system}						
tongue	leukemic cell infiltration		<50> 0	<50> 0	<50> 0	<50> 1
salivary gl	leukemic cell infiltration		<50> 2	<50> 1	<50> 1	<50> 2
	metastasis:liver tumor		0	0	0	1
stomach	leukemic cell infiltration		<50> 2	<50> 0	<50> 0	<50> 0
	metastasis:uterus tumor		0	0	0	1
< a >	a : Number of animals examined at the site					
b	b : Number of animals with lesion					

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A2
SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY)
ALL ANIMALS (0-100W)

PAGE : 3

		Group Name No. of Animals on Study	Control 50	0.1ppm 50	0.4ppm 50	1.6ppm 50
Organ	Findings					
{Digestive system}						
small intes			<50>	<50>	<50>	<50>
	leukemic cell infiltration		2	0	1	0
	metastasis:subcutis tumor		0	0	0	1
anus			<50>	<50>	<50>	<50>
	metastasis:subcutis tumor		0	0	1	0
large intes			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	0	0
liver			<50>	<50>	<50>	<50>
	leukemic cell infiltration		6	4	3	5
	metastasis:uterus tumor		4	8	8	5
	metastasis:subcutis tumor		1	0	0	0
	metastasis:spleen tumor		0	0	0	1
gall bladd			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	0	0
pancreas			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	1	4
	metastasis:uterus tumor		1	1	1	1
	metastasis:subcutis tumor		1	0	0	0
{Urinary system}						
kidney			<50>	<50>	<50>	<50>
	leukemic cell infiltration		5	5	3	8

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

STUDY NO. : 0817
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A2
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY)
 ALL ANIMALS (0-100W)

PAGE : 4

Group Name No. of Animals on Study		Control 50	0.1ppm 50	0.4ppm 50	1.6ppm 50
Organ	Findings				
{Urinary system}					
kidney		<50>	<50>	<50>	<50>
	metastasis:uterus tumor	0	0	0	2
urin bladd		<50>	<50>	<50>	<50>
	leukemic cell infiltration	1	1	1	0
{Endocrine system}					
pituitary		<50>	<50>	<50>	<50>
	leukemic cell infiltration	1	0	0	1
adrenal		<50>	<50>	<50>	<50>
	leukemic cell infiltration	1	0	0	1
	metastasis:uterus tumor	1	1	0	1
	metastasis:subcutis tumor	1	0	0	0
{Reproductive system}					
ovary		<50>	<50>	<50>	<50>
	leukemic cell infiltration	3	1	1	2
	metastasis:uterus tumor	4	5	5	5
	metastasis:spleen tumor	0	0	0	1
uterus		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	0	0	1
	metastasis:subcutis tumor	1	0	0	0
vagina		<50>	<50>	<50>	<50>
	metastasis:uterus tumor	0	0	1	0

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

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A2
SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY)
ALL ANIMALS (0-100W)

PAGE : 5

Group Name No. of Animals on Study		Control 50	0. 1ppm 50	0. 4ppm 50	1. 6ppm 50
Organ	Findings				
{Nervous system}					
brain	leukemic cell infiltration	<50> 1	<50> 0	<50> 0	<50> 1
{Special sense organs/appendage}					
Harder gl	leukemic cell infiltration	<50> 1	<50> 1	<50> 3	<50> 3
{Musculoskeletal system}					
muscle	leukemic cell infiltration	<50> 0	<50> 0	<50> 1	<50> 0
	metastasis:subcutis tumor	1	0	0	0
{Body cavities}					
mediastinum	leukemic cell infiltration	<50> 0	<50> 0	<50> 1	<50> 0
peritoneum	leukemic cell infiltration	<50> 0	<50> 0	<50> 1	<50> 3
	metastasis:uterus tumor	0	3	3	2
< a > b	a : Number of animals examined at the site b : Number of animals with lesion				

TABLE Q1

CAUSE OF DEATH : MALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/CrIj[Crj:BDF1]
SEX : MALE

COUSE OF DEATH (SUMMARY)
(0- 94W) , (0-100W)

PAGE : 1

Group Name	Control	0. 1ppm	0. 4ppm	1. 6ppm
Number of Dead and Moribund Animal	39	35	36	35
renal lesion	22	17	19	21
urinary retention	2	6	4	1
amyloidosis	10	6	6	7
arteritis	0	0	0	1
hydronephrosis	3	2	4	2
tumor d:leukemia	0	1	1	2
tumor d:subcutis	0	0	1	0
tumor d:spleen	1	0	0	0
tumor d:liver	0	2	1	1
tumor d:peritoneum	1	1	0	0

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TABLE Q2

CAUSE OF DEATH : FEMALE

STUDY NO. : 0817
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : FEMALE

COUSE OF DEATH (SUMMARY)
(0- 94W), (0-100W)

PAGE : 2

Group Name	Control	0.1ppm	0.4ppm	1.6ppm
Number of Dead and Moribund Animal	39	32	36	31
no microscop confirm	0	2	0	1
renal lesion	16	8	14	8
periph nerves lesion	0	0	1	0
thrombosis	0	1	0	1
amyloidosis	7	10	10	4
hydronephrosis	1	0	1	2
tumor d:leukemia	5	3	1	6
tumor d:subcutis	3	0	2	0
tumor d:spleen	0	0	1	1
tumor d:liver	1	2	0	3
tumor d:uterus	5	6	6	5
tumor d:bone	1	0	0	0

(B10120)

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