

1 - ブロモブタ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：0561

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TABLE A

CONCENTRATIONS OF 1 - BROMOBUTANE
IN THE INHALATION CHAMBER
OF THE 2-YEAR INHALATION STUDY

CONCENTRATIONS OF 1-BROMOBUTANE IN THE INHALATION
CHAMBER OF THE 2-YEAR INHALATION STUDY

Group Name	Concentration(ppm) Mean \pm S.D.
Control	0.0 \pm 0.0
20 ppm	20.1 \pm 0.2
50 ppm	50.1 \pm 0.4
125 ppm	125.2 \pm 0.7

TABLE B1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104
 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	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0
20 ppm	50	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0
50 ppm	50	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0
125 ppm	50	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0
Number of survival/ Number of effective animals															
Survival rate(%)															

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BAIS4

STUDY NO. : 0561

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

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
20 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
125 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of survival/ Number of effective animals Survival rate(%)															

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BAIS4

STUDY NO. : 0561

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 3

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

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

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STUDY NO. : 0561

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

PAGE : 4

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

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STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104
 SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 5

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

STUDY NO. : 0561

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

PAGE : 6

Group Name	Animals At start	Administration (Weeks)													
		70	71	72	73	74	75	76	77	78	79	80	81	82	83
Control	50	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	48/50 96.0	48/50 96.0
20 ppm	50	50/50 100.0	49/50 98.0	49/50 98.0	49/50 98.0	48/50 96.0	48/50 96.0	48/50 96.0	48/50 96.0	48/50 96.0	48/50 96.0	47/50 94.0	47/50 94.0	46/50 92.0	46/50 92.0
50 ppm	50	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	48/50 96.0	48/50 96.0	48/50 96.0	47/50 94.0	46/50 92.0
125 ppm	50	47/50 94.0	47/50 94.0	47/50 94.0	47/50 94.0	47/50 94.0	47/50 94.0	47/50 94.0	47/50 94.0	47/50 94.0	47/50 94.0	47/50 94.0	47/50 94.0	46/50 92.0	46/50 92.0
Number of survival/ Number of effective animals Survival rate(%)															

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STUDY NO. : 0561

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

PAGE : 7

Group Name	Animals At start	Administration (Weeks)														
		84	85	86	87	88	89	90	91	92	93	94	95	96	97	
Control	50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	47/50	45/50	44/50	44/50	44/50
		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	94.0	90.0	88.0	88.0	88.0
20 ppm	50	46/50	46/50	46/50	46/50	45/50	44/50	43/50	42/50	42/50	42/50	40/50	37/50	36/50	35/50	35/50
		92.0	92.0	92.0	92.0	90.0	88.0	86.0	84.0	84.0	84.0	80.0	74.0	72.0	70.0	70.0
50 ppm	50	46/50	46/50	45/50	45/50	44/50	44/50	43/50	43/50	43/50	43/50	40/50	39/50	39/50	38/50	37/50
		92.0	92.0	90.0	90.0	88.0	88.0	86.0	86.0	86.0	86.0	80.0	78.0	78.0	76.0	74.0
125 ppm	50	46/50	45/50	45/50	44/50	44/50	44/50	44/50	44/50	44/50	44/50	43/50	43/50	42/50	42/50	42/50
		92.0	90.0	90.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	86.0	86.0	84.0	84.0	84.0
Number of survival/ Number of effective animals Survival rate(%)																

STUDY NO. : 0561

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 8

Group Name	Animals At start	Administration (Weeks)						
		98	99	100	101	102	103	104
Control	50	42/50	42/50	41/50	41/50	40/50	40/50	39/50
		84.0	84.0	82.0	82.0	80.0	80.0	78.0
20 ppm	50	34/50	34/50	33/50	33/50	33/50	32/50	32/50
		68.0	68.0	66.0	66.0	66.0	64.0	64.0
50 ppm	50	37/50	37/50	37/50	36/50	35/50	33/50	32/50
		74.0	74.0	74.0	72.0	70.0	66.0	64.0
125 ppm	50	40/50	40/50	40/50	39/50	39/50	39/50	39/50
		80.0	80.0	80.0	78.0	78.0	78.0	78.0
Number of survival/ Number of effective animals Survival rate(%)								

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TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0561

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

PAGE : 9

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

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STUDY NO. : 0561

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 10

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

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BAIS4

STUDY NO. : 0561

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

PAGE : 11

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

(HAN360)

BAIS4

STUDY NO. : 0561

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 12

Group Name	Animals At start	Administration (Weeks)													
		42	43	44	45	46	47	48	49	50	51	52	53	54	55
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
125 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	48/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0

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

(HAN360)

BAIS4

STUDY NO. : 0561

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 13

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

(HAN360)

BAIS4

STUDY NO. : 0561

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

PAGE : 14

Group Name	Animals At start	Administration (Weeks)													
		70	71	72	73	74	75	76	77	78	79	80	81	82	83
Control	50	49/50	48/50	48/50	48/50	48/50	47/50	47/50	47/50	45/50	44/50	43/50	43/50	43/50	42/50
		98.0	96.0	96.0	96.0	96.0	94.0	94.0	94.0	90.0	88.0	86.0	86.0	86.0	84.0
20 ppm	50	47/50	47/50	47/50	47/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	45/50
		94.0	94.0	94.0	94.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	90.0
50 ppm	50	47/50	46/50	46/50	46/50	44/50	44/50	44/50	44/50	43/50	42/50	41/50	40/50	40/50	40/50
		94.0	92.0	92.0	92.0	88.0	88.0	88.0	88.0	86.0	84.0	82.0	80.0	80.0	80.0
125 ppm	50	44/50	44/50	44/50	44/50	44/50	44/50	43/50	43/50	43/50	42/50	41/50	41/50	41/50	41/50
		88.0	88.0	88.0	88.0	88.0	88.0	86.0	86.0	86.0	84.0	82.0	82.0	82.0	82.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0561

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 15

Group	Name	Animals At start	Administration (Weeks)													
			84	85	86	87	88	89	90	91	92	93	94	95	96	97
	Control	50	41/50	38/50	38/50	37/50	37/50	36/50	36/50	34/50	32/50	32/50	29/50	27/50	27/50	26/50
			82.0	76.0	76.0	74.0	74.0	72.0	72.0	68.0	64.0	64.0	58.0	54.0	54.0	52.0
	20 ppm	50	45/50	44/50	44/50	43/50	43/50	43/50	41/50	39/50	38/50	38/50	37/50	36/50	35/50	35/50
			90.0	88.0	88.0	86.0	86.0	86.0	82.0	78.0	76.0	76.0	74.0	72.0	70.0	70.0
	50 ppm	50	40/50	39/50	38/50	37/50	37/50	35/50	35/50	35/50	35/50	33/50	30/50	29/50	29/50	28/50
			80.0	78.0	76.0	74.0	74.0	70.0	70.0	70.0	70.0	66.0	60.0	58.0	58.0	56.0
	125 ppm	50	41/50	41/50	41/50	40/50	39/50	38/50	37/50	36/50	34/50	34/50	34/50	34/50	31/50	31/50
			82.0	82.0	82.0	80.0	78.0	76.0	74.0	72.0	68.0	68.0	68.0	68.0	62.0	62.0
Number of survival/ Number of effective animals			Survival rate(%)													

(HAN360)

BAIS4

STUDY NO. : 0561

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

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Group Name	Animals At start	Administration (Weeks)						
		98	99	100	101	102	103	104
Control	50	26/50	26/50	23/50	22/50	20/50	19/50	18/50
		52.0	52.0	46.0	44.0	40.0	38.0	36.0
20 ppm	50	34/50	34/50	34/50	34/50	32/50	32/50	31/50
		68.0	68.0	68.0	68.0	64.0	64.0	62.0
50 ppm	50	28/50	28/50	28/50	27/50	25/50	24/50	24/50
		56.0	56.0	56.0	54.0	50.0	48.0	48.0
125 ppm	50	31/50	30/50	28/50	28/50	26/50	26/50	26/50
		62.0	60.0	56.0	56.0	52.0	52.0	52.0
Number of survival/ Number of effective animals Survival rate(%)								

(HAN360)

BAIS4

TABLE C1

CLINICAL OBSERVATION : MALE

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

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
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT INCR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

PAGE : 2

[illegible]

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

PAGE : 3

[illegible]

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

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[illegible]

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

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[illegible]

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

PAGE : 6

Clinical sign	Group Name	Administration Week-day													
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
DEATH	Control	1	1	1	1	1	1	1	1	1	1	1	2	2	2
	20 ppm	0	0	0	1	1	1	1	1	1	2	2	3	3	3
	50 ppm	0	0	0	0	0	0	0	0	2	2	2	3	4	4
	125 ppm	3	3	3	3	3	3	3	3	3	3	3	4	4	4
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT INCR	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	20 ppm	0	0	0	1	0	0	0	1	1	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	1	1	1	1	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTOR	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	20 ppm	0	0	0	0	0	0	0	0	1	1	1	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	125 ppm	0	0	0	0	0	0	0	0	0	1	1	0	0	0

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day													
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
DEATH	Control	2	2	2	2	2	2	2	2	3	3	4	4	4	6
	20 ppm	3	3	3	4	5	6	6	6	7	8	9	9	9	10
	50 ppm	4	4	4	4	4	4	4	4	7	8	8	9	10	10
	125 ppm	5	5	6	6	6	6	6	6	7	7	7	7	7	7
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	2	2	2	2	2
	20 ppm	1	1	1	1	1	1	2	2	3	5	5	6	6	6
	50 ppm	0	1	1	2	2	3	3	3	3	3	3	3	3	3
	125 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	3
LOCOMOTOR MOVEMENT INCR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	1	2	2	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	1	1	1	1	1	1	1	2	2	4	3	3	3	2
	20 ppm	0	0	0	0	3	3	2	4	4	2	2	2	2	1
	50 ppm	1	1	1	1	2	1	1	2	1	0	0	0	1	1
	125 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	0

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

PAGE : 8

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
DEATH	Control	6	7	7	8	8	9
	20 ppm	10	11	11	11	12	12
	50 ppm	10	10	11	12	14	15
	125 ppm	7	7	8	8	8	8
MORIBUND SACRIFICE	Control	2	2	2	2	2	2
	20 ppm	6	6	6	6	6	6
	50 ppm	3	3	3	3	3	3
	125 ppm	3	3	3	3	3	3
LOCOMOTOR MOVEMENT INCR	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	1	1	0	0	0	0
	125 ppm	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
ABNORMAL GAIT	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
WASTING	Control	0	0	0	0	0	1
	20 ppm	0	0	0	0	0	0
	50 ppm	1	1	0	0	0	0
	125 ppm	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	1	1	0	0
PILOERECTION	Control	2	3	3	2	2	4
	20 ppm	1	1	2	2	1	1
	50 ppm	1	1	1	0	0	0
	125 ppm	1	2	2	2	2	2

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

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[illegible]

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

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[illegible]

REPORT TYPE : A1 104

ALL ANIMALS

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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												
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	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
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	125 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

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CLINICAL OBSERVATION (SUMMARY)
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CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

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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
TRAUMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	20 ppm	0	0	1	0	0	0	0	0	0	1	1	1	1	1
	50 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	125 ppm	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	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	20 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	50 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	50 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	1	1	0	0	0
	20 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1
	50 ppm	1	1	1	1	2	2	2	2	1	1	1	1	1	1
	125 ppm	1	1	1	1	1	1	1	1	1	1	1	1	2	2
INTERNAL MASS	Control	1	1	1	1	1	1	1	1	1	2	2	3	3	3
	20 ppm	0	1	3	4	4	4	4	4	4	5	5	4	4	2
	50 ppm	1	1	1	1	1	1	1	1	0	1	1	0	0	0
	125 ppm	2	2	2	2	2	2	2	2	2	3	3	3	2	2
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1

CLINICAL OBSERVATION (SUMMARY)

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[illegible]

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
TRAUMA	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
FROG BELLY	Control	3	2	2	1	1	2
	20 ppm	1	1	1	1	1	1
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0
	20 ppm	0	0	0	1	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
EXOPHTHALMOS	Control	3	3	3	3	3	3
	20 ppm	1	1	1	1	1	1
	50 ppm	2	2	2	2	1	1
	125 ppm	0	0	0	0	0	0
GUM	Control	1	3	3	3	3	2
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	1	1	0	0	0	0
CORNEAL OPACITY	Control	1	1	1	1	1	1
	20 ppm	0	1	1	1	1	1
	50 ppm	1	1	1	1	1	1
	125 ppm	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	1	1	1	2
	20 ppm	1	1	1	1	1	3
	50 ppm	3	3	4	4	3	3
	125 ppm	3	3	3	3	4	4
INTERNAL MASS	Control	5	6	6	5	5	6
	20 ppm	4	3	3	4	3	3
	50 ppm	0	0	1	0	0	0
	125 ppm	4	4	4	4	1	1
M. NOSE	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	1	1	1	1	1	1

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[illegible]

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Cxj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
M. EYE	Control	0	0	0	0	0	1
	20 ppm	0	0	0	0	0	0
	50 ppm	1	1	1	1	1	1
	125 ppm	0	0	0	0	0	0
M. MANDIBULAR	Control	0	0	0	0	0	0
	20 ppm	1	1	1	1	1	1
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	1	1	1	1	1	1
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	1	1
M. HINDLIMB	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	1	1	1	1	0	0
	125 ppm	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	1
	50 ppm	0	0	1	1	1	1
	125 ppm	0	0	0	0	0	0
M. ANUS	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	2	2	2	2	2	2
M. TAIL	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	1
	50 ppm	1	1	1	1	1	1
	125 ppm	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0

REPORT TYPE : A1 104

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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												
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	20 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	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
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	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
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

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[illegible]

CLINICAL OBSERVATION (SUMMARY)

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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
ULCER	Control	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	1	0	1	1	1	1	1
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CICATRIX	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	20 ppm	1	1	1	1	1	1	1	1	1	1	1	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	1	1	1	1	1	1	2	1	1
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	1	1	1	1	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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[illegible]

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
ULCER	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
EROSION	Control	1	1	1	1	1	2
	20 ppm	1	1	1	1	1	1
	50 ppm	0	0	0	0	1	1
	125 ppm	1	1	1	1	1	1
CRUSTA	Control	1	1	1	1	1	0
	20 ppm	1	1	1	2	2	2
	50 ppm	1	1	0	0	1	1
	125 ppm	0	0	0	0	0	0
CICATRIX	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
TORTICOLLIS	Control	1	1	1	1	1	1
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	1	1	1	1	1	1
PROLAPSE OF PENIS	Control	0	0	0	1	1	0
	20 ppm	2	2	2	1	1	1
	50 ppm	0	0	0	0	1	1
	125 ppm	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0
	20 ppm	1	1	1	1	1	1
	50 ppm	1	1	0	0	0	0
	125 ppm	0	0	0	0	1	1
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	1	1	0	0	0	0
	125 ppm	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0

TABLE C2

CLINICAL OBSERVATION : FEMALE

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

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CLINICAL OBSERVATION (SUMMARY)
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CLINICAL OBSERVATION (SUMMARY)

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CLINICAL OBSERVATION (SUMMARY)

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[illegible]

CLINICAL OBSERVATION (SUMMARY)

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CLINICAL OBSERVATION (SUMMARY)

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CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

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[illegible]

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
DEATH	Control	23	25	26	27	28	29
	20 ppm	12	12	12	13	13	14
	50 ppm	15	15	16	18	19	19
	125 ppm	17	19	19	21	21	21
MORIBUND SACRIFICE	Control	1	2	2	3	3	3
	20 ppm	4	4	4	5	5	5
	50 ppm	7	7	7	7	7	7
	125 ppm	3	3	3	3	3	3
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
LOCOMOTOR MOVEMENT INCR	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0
	20 ppm	1	1	1	1	1	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
WASTING	Control	4	3	3	4	3	3
	20 ppm	1	1	1	1	1	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	1	1
SOILED	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
PILOERECTION	Control	3	1	1	1	1	1
	20 ppm	0	1	1	0	0	0
	50 ppm	0	2	1	0	0	0
	125 ppm	2	0	0	0	0	0
TRAUMA	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

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[illegible]

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[illegible]

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CLINICAL OBSERVATION (SUMMARY)

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[illegible]

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
FROG BELLY	Control	2	0	0	0	0	0
	20 ppm	1	2	2	2	2	2
	50 ppm	3	4	4	3	3	3
	125 ppm	2	1	2	1	1	1
SOILED PERI-GENITALIA	Control	1	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	1
	125 ppm	0	0	0	0	0	0
EXOPHTHALMOS	Control	1	1	1	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
CORNEAL OPACITY	Control	2	1	1	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
EXTERNAL MASS	Control	4	3	3	1	0	0
	20 ppm	1	1	1	0	0	0
	50 ppm	2	2	1	1	1	1
	125 ppm	0	0	0	0	0	0
INTERNAL MASS	Control	3	3	3	3	3	2
	20 ppm	3	4	4	4	4	4
	50 ppm	5	6	6	4	3	3
	125 ppm	3	2	2	2	2	2
M. EYE	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
M. HEAD	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
M. NECK	Control	2	1	1	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0

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[illegible]

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[illegible]

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[illegible]

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[illegible]

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[illegible]

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[illegible]

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[illegible]

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
M. FORELIMB	Control	1	1	1	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
M. BREAST	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	1	1	0	0	0	0
	125 ppm	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	2	2	1	1	1	1
	125 ppm	0	0	0	0	0	0
M. ANTERIOR. DORSUM	Control	1	1	1	1	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
M. INTERSCAPULUM	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0
	20 ppm	1	1	1	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
M. HINDLIMB	Control	1	1	1	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
M. GENITALIA	Control	1	1	1	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	1	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)

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[illegible]

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[illegible]

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[illegible]

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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												
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	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
	20 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

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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												
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
	20 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	1	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	1
	20 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	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
	20 ppm	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	1	1	2	0	0	0	0	0	0	1
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1
	125 ppm	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

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[illegible]

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

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Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
ULCER	Control	1	1	1	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
CRUSTA	Control	1	1	1	1	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	1	1	1	1
	125 ppm	0	0	0	0	0	0
HEMORRHAGE	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
IRREGULAR BREATHING	Control	1	0	0	0	0	0
	20 ppm	0	0	1	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	2	0	0	0	0	0
RESPIRATORY SOUND ABNOR	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
BRADYPNEA	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0
	20 ppm	0	0	0	0	0	0
	50 ppm	0	0	0	0	0	0
	125 ppm	0	0	0	0	0	0

TABLE D1

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL
NUMBERS : MALE

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104
SEX : MALE

MEAN BODY WEIGHTS AND SURVIVAL

PAGE : 1

Week-Day on Study	Control		20 ppm			50 ppm			125 ppm		
	Av. Wt.	No. of Surviv. <50>	Av. Wt.	% of cont. <50>	No. of Surviv.	Av. Wt.	% of cont. <50>	No. of Surviv.	Av. Wt.	% of cont. <50>	No. of Surviv.
0-0	23.6 (50)	50/50	23.6 (50)	100	50/50	23.6 (50)	100	50/50	23.6 (50)	100	50/50
1-7	25.0 (50)	50/50	25.2 (50)	101	50/50	25.1 (50)	100	50/50	25.0 (50)	100	50/50
2-7	26.0 (50)	50/50	25.9 (50)	100	50/50	25.9 (50)	100	50/50	25.7 (50)	99	50/50
3-7	26.8 (50)	50/50	26.7 (50)	100	50/50	26.7 (50)	100	50/50	26.1 (50)	97	50/50
4-7	27.4 (50)	50/50	27.1 (50)	99	50/50	27.4 (50)	100	50/50	26.5 (50)	97	50/50
5-7	27.9 (50)	50/50	27.6 (50)	99	50/50	28.0 (50)	100	50/50	26.9 (50)	96	50/50
6-7	28.6 (50)	50/50	28.0 (50)	98	50/50	28.6 (50)	100	50/50	27.5 (50)	96	50/50
7-7	29.1 (50)	50/50	28.5 (50)	98	50/50	29.0 (50)	100	50/50	27.9 (50)	96	50/50
8-7	29.8 (50)	50/50	29.0 (50)	97	50/50	29.6 (50)	99	50/50	28.5 (50)	96	50/50
9-7	30.5 (50)	50/50	29.6 (50)	97	50/50	30.2 (50)	99	50/50	29.2 (50)	96	50/50
10-7	31.2 (50)	50/50	30.5 (50)	98	50/50	31.0 (50)	99	50/50	29.7 (50)	95	50/50
11-7	31.7 (50)	50/50	30.7 (50)	97	50/50	31.4 (50)	99	50/50	29.8 (50)	94	50/50
12-7	32.8 (50)	50/50	31.9 (50)	97	50/50	32.2 (50)	98	50/50	31.0 (50)	95	50/50
13-7	33.5 (50)	50/50	32.5 (50)	97	50/50	33.1 (50)	99	50/50	31.9 (50)	95	50/50
14-7	34.2 (50)	50/50	33.1 (50)	97	50/50	33.8 (50)	99	50/50	32.7 (50)	96	50/50
18-7	36.0 (50)	50/50	35.5 (50)	99	50/50	35.9 (50)	100	50/50	35.4 (50)	98	50/50
22-7	38.3 (50)	50/50	37.6 (50)	98	50/50	37.7 (50)	98	50/50	37.2 (50)	97	50/50
26-7	40.5 (50)	50/50	39.9 (50)	99	50/50	40.0 (50)	99	50/50	39.6 (50)	98	50/50
30-7	42.1 (50)	50/50	41.6 (50)	99	50/50	41.4 (50)	98	50/50	40.8 (50)	97	50/50
34-7	43.8 (50)	50/50	42.8 (50)	98	50/50	42.7 (50)	97	50/50	42.2 (50)	96	50/50
38-7	45.5 (50)	50/50	44.7 (50)	98	50/50	43.7 (50)	96	50/50	43.5 (50)	96	50/50
42-7	46.7 (50)	50/50	45.7 (50)	98	50/50	44.9 (50)	96	50/50	44.5 (50)	95	50/50
46-7	47.6 (50)	50/50	47.0 (50)	99	50/50	46.2 (50)	97	50/50	45.8 (50)	96	50/50
50-7	48.2 (50)	50/50	47.8 (50)	99	50/50	47.1 (50)	98	50/50	46.5 (50)	96	50/50
54-7	49.1 (50)	50/50	48.2 (50)	98	50/50	47.7 (50)	97	50/50	47.0 (50)	96	50/50
58-7	49.7 (50)	50/50	48.2 (50)	97	50/50	48.4 (50)	97	50/50	47.4 (50)	95	50/50
62-7	50.1 (49)	49/50	48.9 (50)	98	50/50	48.8 (50)	97	50/50	48.2 (49)	96	49/50
66-7	51.0 (49)	49/50	49.4 (50)	97	50/50	49.5 (50)	97	50/50	48.6 (47)	95	47/50
70-7	51.5 (49)	49/50	49.2 (50)	96	50/50	49.8 (50)	97	50/50	48.9 (47)	95	47/50
74-7	52.2 (49)	49/50	50.2 (48)	96	48/50	50.2 (50)	96	50/50	49.5 (47)	95	47/50
78-7	53.2 (49)	49/50	51.0 (48)	96	48/50	50.9 (50)	96	50/50	50.6 (47)	95	47/50
82-7	52.9 (48)	48/50	50.9 (46)	96	46/50	51.0 (47)	96	47/50	50.8 (46)	96	46/50
86-7	52.6 (48)	48/50	50.2 (46)	95	46/50	50.6 (45)	96	45/50	50.7 (45)	96	45/50
90-7	52.9 (48)	48/50	50.6 (43)	96	43/50	51.4 (43)	97	43/50	51.8 (44)	98	44/50
94-7	52.3 (45)	45/50	52.1 (37)	100	37/50	51.6 (39)	99	39/50	51.1 (43)	98	43/50
98-7	51.4 (42)	42/50	52.3 (34)	102	34/50	50.9 (37)	99	37/50	50.3 (40)	98	40/50
102-7	50.0 (40)	40/50	51.6 (33)	103	33/50	49.9 (35)	100	35/50	48.6 (39)	97	39/50
104-7	49.8 (39)	39/50	51.9 (32)	104	32/50	49.7 (32)	100	32/50	48.5 (39)	97	39/50

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

Av. Wt. : g

TABLE D2

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL
NUMBERS : FEMALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

PAGE : 2

Week-Day on Study	Control		20 ppm		No. of Surviv.	50 ppm		No. of Surviv.	125 ppm		
	Av. Wt.	No. of Surviv. <50>	Av. Wt.	% of cont. <50>		Av. Wt.	% of cont. <50>		Av. Wt.	% of cont. <50>	No. of Surviv.
0-0	19.3 (50)	50/50	19.3 (50)	100	50/50	19.3 (50)	100	50/50	19.3 (50)	100	50/50
1-7	20.0 (50)	50/50	20.1 (50)	101	50/50	20.1 (50)	101	50/50	19.8 (50)	99	50/50
2-7	20.8 (50)	50/50	20.8 (50)	100	50/50	20.8 (50)	100	50/50	20.7 (50)	100	50/50
3-7	21.6 (50)	50/50	21.3 (50)	99	50/50	21.5 (50)	100	50/50	21.1 (50)	98	50/50
4-7	21.9 (50)	50/50	21.9 (50)	100	50/50	21.8 (50)	100	50/50	21.5 (50)	98	50/50
5-7	22.5 (50)	50/50	22.2 (50)	99	50/50	22.2 (50)	99	50/50	22.0 (50)	98	50/50
6-7	23.0 (50)	50/50	22.5 (50)	98	50/50	22.6 (50)	98	50/50	22.3 (50)	97	50/50
7-7	23.5 (50)	50/50	23.0 (50)	98	50/50	23.1 (50)	98	50/50	22.7 (50)	97	50/50
8-7	23.7 (50)	50/50	23.6 (50)	100	50/50	23.4 (50)	99	50/50	23.1 (50)	97	50/50
9-7	24.1 (50)	50/50	24.1 (50)	100	50/50	23.7 (50)	98	50/50	23.3 (50)	97	50/50
10-7	24.5 (50)	50/50	24.4 (50)	100	50/50	24.0 (50)	98	50/50	23.6 (50)	96	50/50
11-7	24.4 (50)	50/50	24.3 (50)	100	50/50	24.3 (50)	100	50/50	23.7 (50)	97	50/50
12-7	24.7 (50)	50/50	24.7 (50)	100	50/50	24.2 (50)	98	50/50	24.0 (50)	97	50/50
13-7	24.9 (50)	50/50	24.9 (50)	100	50/50	24.7 (50)	99	50/50	24.4 (50)	98	50/50
14-7	25.4 (50)	50/50	25.3 (50)	100	50/50	25.3 (50)	100	50/50	24.8 (50)	98	50/50
18-7	26.1 (50)	50/50	26.5 (50)	102	50/50	25.8 (50)	99	50/50	25.8 (50)	99	50/50
22-7	27.2 (50)	50/50	27.5 (50)	101	50/50	26.8 (50)	99	50/50	26.0 (50)	96	50/50
26-7	28.3 (50)	50/50	28.2 (50)	100	50/50	28.4 (50)	100	50/50	27.5 (50)	97	50/50
30-7	29.2 (50)	50/50	29.4 (50)	101	50/50	28.8 (50)	99	50/50	28.3 (49)	97	49/50
34-7	30.3 (50)	50/50	30.4 (50)	100	50/50	29.7 (50)	98	50/50	29.0 (49)	96	49/50
38-7	31.3 (50)	50/50	31.4 (50)	100	50/50	30.5 (50)	97	50/50	29.9 (49)	96	49/50
42-7	31.7 (50)	50/50	31.9 (50)	101	50/50	31.2 (50)	98	50/50	30.4 (49)	96	49/50
46-7	32.6 (50)	50/50	32.4 (50)	99	50/50	31.6 (50)	97	50/50	31.1 (49)	95	49/50
50-7	32.7 (50)	50/50	32.5 (50)	99	50/50	32.7 (50)	100	50/50	31.6 (49)	97	49/50
54-7	33.5 (50)	50/50	32.9 (50)	98	50/50	32.6 (50)	97	50/50	32.3 (49)	96	49/50
58-7	33.7 (50)	50/50	33.4 (50)	99	50/50	33.7 (49)	100	49/50	32.6 (48)	97	48/50
62-7	33.6 (50)	50/50	34.1 (50)	101	50/50	33.7 (48)	100	48/50	32.5 (44)	97	44/50
66-7	34.2 (49)	49/50	34.3 (50)	100	50/50	34.3 (48)	100	48/50	32.8 (44)	96	44/50
70-7	34.7 (49)	49/50	35.0 (47)	101	47/50	34.4 (47)	99	47/50	33.5 (44)	97	44/50
74-7	35.0 (48)	48/50	35.0 (46)	100	46/50	34.6 (44)	99	44/50	33.9 (44)	97	44/50
78-7	35.8 (45)	45/50	36.2 (46)	101	46/50	35.3 (43)	99	43/50	34.7 (43)	97	43/50
82-7	35.8 (43)	43/50	36.1 (46)	101	46/50	35.3 (40)	99	40/50	34.8 (41)	97	41/50
86-7	36.2 (38)	38/50	36.6 (44)	101	44/50	35.6 (38)	98	38/50	34.7 (41)	96	41/50
90-7	36.4 (36)	36/50	37.4 (41)	103	41/50	36.4 (35)	100	35/50	36.1 (37)	99	37/50
94-7	35.1 (29)	29/50	37.2 (37)	106	37/50	36.6 (30)	104	30/50	35.1 (34)	100	34/50
98-7	35.2 (26)	26/50	36.6 (34)	104	34/50	36.4 (28)	103	28/50	35.6 (31)	101	31/50
102-7	34.4 (20)	20/50	36.5 (32)	106	32/50	36.7 (25)	107	25/50	34.5 (26)	100	26/50
104-7	34.2 (18)	18/50	37.6 (31)	110	31/50	36.6 (24)	107	24/50	35.6 (26)	104	26/50

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

TABLE D3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 1

Group Name	Administration week-day						
	0-0	1-7	2-7	3-7	4-7	5-7	6-7
Control	23.6± 0.9	25.0± 1.0	26.0± 1.2	26.8± 1.3	27.4± 1.4	27.9± 1.5	28.6± 1.6
20 ppm	23.6± 0.9	25.2± 1.1	25.9± 1.2	26.7± 1.4	27.1± 1.3	27.6± 1.5	28.0± 1.5
50 ppm	23.6± 0.9	25.1± 1.0	25.9± 1.1	26.7± 1.3	27.4± 1.4	28.0± 1.5	28.6± 1.6
125 ppm	23.6± 0.9	25.0± 1.0	25.7± 1.2	26.1± 1.4*	26.5± 1.6**	26.9± 1.7**	27.5± 1.9**

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 2

Group Name	Administration week-day						
	7-7	8-7	9-7	10-7	11-7	12-7	13-7
Control	29.1± 1.7	29.8± 2.0	30.5± 2.2	31.2± 2.3	31.7± 2.5	32.8± 2.6	33.5± 2.6
20 ppm	28.5± 1.5	29.0± 1.7	29.6± 1.9	30.5± 1.9	30.7± 2.2	31.9± 2.4	32.5± 2.4
50 ppm	29.0± 1.9	29.6± 2.0	30.2± 2.0	31.0± 2.1	31.4± 2.3	32.2± 2.4	33.1± 2.5
125 ppm	27.9± 2.1**	28.5± 2.2**	29.2± 2.3**	29.7± 2.5**	29.8± 2.5**	31.0± 2.6**	31.9± 2.6**

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 3

Group Name	Administration week-day						
	14-7	18-7	22-7	26-7	30-7	34-7	38-7
Control	34.2± 2.8	36.0± 3.1	38.3± 3.4	40.5± 3.9	42.1± 4.3	43.8± 4.4	45.5± 4.6
20 ppm	33.1± 2.4	35.5± 2.7	37.6± 2.9	39.9± 3.3	41.6± 3.5	42.8± 4.1	44.7± 4.1
50 ppm	33.8± 2.5	35.9± 2.8	37.7± 3.3	40.0± 3.9	41.4± 4.2	42.7± 4.2	43.7± 4.6
125 ppm	32.7± 2.7**	35.4± 3.0	37.2± 3.5	39.6± 3.8	40.8± 4.2	42.2± 4.2	43.5± 4.5

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 4

Group Name	Administration week-day						
	42-7	46-7	50-7	54-7	58-7	62-7	66-7
Control	46.7± 4.7	47.6± 4.6	48.2± 5.2	49.1± 5.3	49.7± 5.2	50.1± 5.1	51.0± 5.6
20 ppm	45.7± 4.0	47.0± 3.8	47.8± 3.9	48.2± 4.1	48.2± 4.2	48.9± 4.0	49.4± 4.4
50 ppm	44.9± 4.4	46.2± 4.5	47.1± 4.5	47.7± 4.6	48.4± 4.8	48.8± 5.1	49.5± 5.3
125 ppm	44.5± 4.7	45.8± 4.8	46.5± 4.8	47.0± 5.0	47.4± 5.2	48.2± 5.4	48.6± 5.5

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 5

Group Name	Administration week-day						
	70-7	74-7	78-7	82-7	86-7	90-7	94-7
Control	51.5± 6.1	52.2± 6.5	53.2± 6.9	52.9± 6.3	52.6± 6.8	52.9± 7.5	52.3± 8.2
20 ppm	49.2± 5.5	50.2± 5.9	51.0± 6.7	50.9± 6.8	50.2± 7.6	50.6± 8.9	52.1± 8.1
50 ppm	49.8± 5.8	50.2± 6.2	50.9± 7.7	51.0± 7.0	50.6± 6.9	51.4± 7.4	51.6± 7.2
125 ppm	48.9± 6.2	49.5± 6.5	50.6± 7.3	50.8± 6.2	50.7± 7.0	51.8± 6.6	51.1± 7.3

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

Test of Dunnett

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 6

Group Name	Administration week-day		
	98-7	102-7	104-7
Control	51.4± 8.3	50.0± 8.5	49.8± 8.6
20 ppm	52.3± 7.4	51.6± 7.8	51.9± 7.6
50 ppm	50.9± 7.6	49.9± 7.3	49.7± 7.4
125 ppm	50.3± 7.4	48.6± 8.5	48.5± 8.5

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

Test of Dunnett

TABLE D4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 7

Group Name	Administration week-day						
	0-0	1-7	2-7	3-7	4-7	5-7	6-7
Control	19.3± 0.8	20.0± 0.8	20.8± 0.7	21.6± 0.8	21.9± 0.7	22.5± 0.8	23.0± 0.8
20 ppm	19.3± 0.8	20.1± 0.8	20.8± 0.9	21.3± 0.8	21.9± 0.8	22.2± 1.0	22.5± 1.0*
50 ppm	19.3± 0.8	20.1± 1.0	20.8± 1.0	21.5± 1.1	21.8± 1.0	22.2± 1.0	22.6± 1.1
125 ppm	19.3± 0.8	19.8± 0.9	20.7± 0.9	21.1± 0.9**	21.5± 0.9	22.0± 0.9	22.3± 1.0**

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 8

Group Name	Administration week-day						
	7-7	8-7	9-7	10-7	11-7	12-7	13-7
Control	23.5± 0.9	23.7± 0.8	24.1± 0.9	24.5± 1.0	24.4± 0.9	24.7± 1.2	24.9± 1.2
20 ppm	23.0± 1.1	23.6± 1.1	24.1± 1.4	24.4± 1.4	24.3± 1.3	24.7± 1.5	24.9± 1.7
50 ppm	23.1± 1.2	23.4± 1.2	23.7± 1.3	24.0± 1.3	24.3± 1.3	24.2± 1.8	24.7± 1.5
125 ppm	22.7± 1.2**	23.1± 1.2**	23.3± 1.3**	23.6± 1.5**	23.7± 1.5**	24.0± 1.4**	24.4± 1.5

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 9

Group Name	Administration week-day						
	14-7	18-7	22-7	26-7	30-7	34-7	38-7
Control	25.4± 1.3	26.1± 1.6	27.2± 1.8	28.3± 2.1	29.2± 2.2	30.3± 2.6	31.3± 3.0
20 ppm	25.3± 1.8	26.5± 2.0	27.5± 2.5	28.2± 3.0	29.4± 3.3	30.4± 3.8	31.4± 3.8
50 ppm	25.3± 1.4	25.8± 1.5	26.8± 1.6	28.4± 2.6	28.8± 2.7	29.7± 2.8	30.5± 3.3
125 ppm	24.8± 1.7	25.8± 1.8	26.0± 2.1**	27.5± 2.6	28.3± 2.3	29.0± 3.0	29.9± 3.3

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 10

Group Name	Administration week-day		50-7	54-7	58-7	62-7	66-7
	42-7	46-7					
Control	31.7± 3.0	32.6± 3.7	32.7± 3.4	33.5± 3.6	33.7± 3.3	33.6± 3.6	34.2± 3.5
20 ppm	31.9± 4.2	32.4± 4.5	32.5± 4.9	32.9± 4.3	33.4± 4.6	34.1± 5.0	34.3± 5.5
50 ppm	31.2± 3.3	31.6± 3.4	32.7± 3.5	32.6± 3.5	33.7± 3.7	33.7± 4.2	34.3± 3.8
125 ppm	30.4± 3.4	31.1± 4.1	31.6± 3.8	32.3± 4.1	32.6± 3.7	32.5± 3.5	32.8± 3.3

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 11

Group Name	Administration		week-day											
	70-7		74-7		78-7		82-7		86-7		90-7		94-7	
Control	34.7±	4.0	35.0±	3.4	35.8±	3.8	35.8±	3.7	36.2±	3.6	36.4±	4.3	35.1±	5.9
20 ppm	35.0±	4.6	35.0±	4.8	36.2±	4.9	36.1±	4.9	36.6±	4.5	37.4±	4.8	37.2±	4.4
50 ppm	34.4±	3.5	34.6±	3.6	35.3±	3.9	35.3±	4.1	35.6±	3.3	36.4±	3.2	36.6±	3.7
125 ppm	33.5±	3.4	33.9±	3.8	34.7±	4.0	34.8±	3.9	34.7±	4.0	36.1±	6.9	35.1±	3.8

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

Test of Dunnett

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 12

Group Name	Administration week-day		
	98-7	102-7	104-7
Control	35.2± 5.0	34.4± 5.0	34.2± 5.5
20 ppm	36.6± 5.2	36.5± 5.2	37.6± 4.4
50 ppm	36.4± 3.9	36.7± 3.9	36.6± 3.6
125 ppm	35.6± 4.1	34.5± 4.2	35.6± 5.3

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. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

PAGE : 1

Week-Day on Study	Control		20 ppm		50 ppm		125 ppm				
	Av. FC.	No. of Surviv. <50>	Av. FC.	% of cont. <50>	No. of Surviv.	Av. FC.	% of cont. <50>	No. of Surviv.	Av. FC.	% of cont. <50>	No. of Surviv.
1-7	3.9 (50)	50/50	4.0 (50)	103	50/50	3.9 (50)	100	50/50	3.8 (50)	97	50/50
2-7	3.9 (50)	50/50	3.8 (50)	97	50/50	3.8 (50)	97	50/50	3.9 (50)	100	50/50
3-7	4.1 (50)	50/50	4.1 (50)	100	50/50	4.0 (50)	98	50/50	4.0 (50)	98	50/50
4-7	4.1 (50)	50/50	4.0 (50)	98	50/50	4.0 (50)	98	50/50	4.0 (50)	98	50/50
5-7	4.1 (50)	50/50	4.1 (50)	100	50/50	4.0 (50)	98	50/50	4.0 (50)	98	50/50
6-7	4.2 (50)	50/50	4.1 (50)	98	50/50	4.0 (50)	95	50/50	4.1 (50)	98	50/50
7-7	4.1 (50)	50/50	4.1 (50)	100	50/50	4.0 (50)	98	50/50	4.1 (50)	100	50/50
8-7	4.2 (50)	50/50	4.1 (50)	98	50/50	4.1 (50)	98	50/50	4.1 (50)	98	50/50
9-7	4.3 (50)	50/50	4.2 (50)	98	50/50	4.1 (50)	95	50/50	4.2 (50)	98	50/50
10-7	4.3 (50)	50/50	4.3 (50)	100	50/50	4.1 (50)	95	50/50	4.2 (50)	98	50/50
11-7	4.2 (50)	50/50	4.2 (50)	100	50/50	4.1 (50)	98	50/50	4.0 (50)	95	50/50
12-7	4.4 (50)	50/50	4.4 (50)	100	50/50	4.2 (50)	95	50/50	4.3 (50)	98	50/50
13-7	4.3 (50)	50/50	4.2 (50)	98	50/50	4.1 (50)	95	50/50	4.2 (50)	98	50/50
14-7	4.3 (50)	50/50	4.3 (50)	100	50/50	4.3 (50)	100	50/50	4.3 (50)	100	50/50
18-7	4.6 (50)	50/50	4.6 (50)	100	50/50	4.5 (50)	98	50/50	4.6 (50)	100	50/50
22-7	4.8 (50)	50/50	4.7 (50)	98	50/50	4.7 (50)	98	50/50	4.6 (50)	96	50/50
26-7	4.6 (50)	50/50	4.6 (50)	100	50/50	4.6 (50)	100	50/50	4.5 (50)	98	50/50
30-7	4.7 (50)	50/50	4.6 (50)	98	50/50	4.6 (50)	98	50/50	4.6 (50)	98	50/50
34-7	4.9 (50)	50/50	4.9 (50)	100	50/50	4.8 (50)	98	50/50	4.7 (50)	96	50/50
38-7	5.0 (50)	50/50	5.0 (50)	100	50/50	4.8 (50)	96	50/50	4.8 (50)	96	50/50
42-7	5.0 (50)	50/50	5.0 (50)	100	50/50	5.0 (50)	100	50/50	4.8 (50)	96	50/50
46-7	5.0 (50)	50/50	5.0 (50)	100	50/50	4.9 (50)	98	50/50	4.8 (50)	96	50/50
50-7	5.0 (50)	50/50	5.0 (50)	100	50/50	4.9 (50)	98	50/50	4.9 (50)	98	50/50
54-7	5.0 (50)	50/50	5.0 (50)	100	50/50	4.9 (50)	98	50/50	4.7 (50)	94	50/50
58-7	5.0 (50)	50/50	4.9 (50)	98	50/50	4.9 (50)	98	50/50	4.7 (50)	94	50/50
62-7	5.2 (49)	49/50	5.1 (50)	98	50/50	4.9 (50)	94	50/50	4.9 (49)	94	49/50
66-7	5.1 (49)	49/50	5.0 (50)	98	50/50	5.1 (50)	100	50/50	4.9 (47)	96	47/50
70-7	5.1 (49)	49/50	5.0 (50)	98	50/50	5.0 (50)	98	50/50	4.8 (47)	94	47/50
74-7	5.2 (49)	49/50	5.2 (48)	100	48/50	5.0 (50)	96	50/50	4.9 (47)	94	47/50
78-7	5.2 (49)	49/50	5.1 (48)	98	48/50	5.0 (50)	96	50/50	4.9 (47)	94	47/50
82-7	5.2 (48)	48/50	5.2 (46)	100	46/50	5.0 (47)	96	47/50	4.9 (46)	94	46/50
86-7	5.2 (48)	48/50	5.0 (46)	96	46/50	4.8 (45)	92	45/50	4.9 (45)	94	45/50
90-7	5.5 (48)	48/50	5.3 (43)	96	43/50	5.2 (43)	95	43/50	5.1 (44)	93	44/50
94-7	5.4 (45)	45/50	5.2 (37)	96	37/50	5.2 (39)	96	39/50	5.0 (43)	93	43/50
98-7	5.3 (42)	42/50	5.3 (32)	100	34/50	4.9 (37)	92	37/50	4.9 (40)	92	40/50
102-7	4.8 (40)	40/50	5.2 (33)	108	33/50	4.7 (35)	98	35/50	4.8 (39)	100	39/50
104-7	4.8 (39)	39/50	5.2 (32)	108	32/50	4.9 (32)	102	32/50	4.8 (39)	100	39/50

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

Av. FC. : g

TABLE E2

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL
NUMBERS : FEMALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

PAGE : 2

Week-Day on Study	Control		20 ppm		50 ppm		125 ppm				
	Av. FC.	No. of Surviv. <50>	Av. FC.	% of cont. <50>	No. of Surviv.	Av. FC.	% of cont. <50>	No. of Surviv.	Av. FC.	% of cont. <50>	No. of Surviv.
1-7	3.3 (50)	50/50	3.3 (50)	100	50/50	3.2 (50)	97	50/50	3.2 (50)	97	50/50
2-7	3.4 (50)	50/50	3.3 (50)	97	50/50	3.3 (50)	97	50/50	3.3 (50)	97	50/50
3-7	3.7 (50)	50/50	3.6 (50)	97	50/50	3.5 (50)	95	50/50	3.5 (50)	95	50/50
4-7	3.7 (50)	50/50	3.6 (50)	97	50/50	3.5 (50)	95	50/50	3.6 (50)	97	50/50
5-7	3.8 (50)	50/50	3.7 (50)	97	50/50	3.6 (50)	95	50/50	3.7 (50)	97	50/50
6-7	3.9 (50)	50/50	3.7 (50)	95	50/50	3.7 (50)	95	50/50	3.7 (50)	95	50/50
7-7	4.0 (50)	50/50	3.9 (50)	98	50/50	3.8 (50)	95	50/50	3.8 (50)	95	50/50
8-7	3.9 (50)	50/50	3.9 (50)	100	50/50	3.9 (50)	100	50/50	3.8 (50)	97	50/50
9-7	4.1 (50)	50/50	4.0 (50)	98	50/50	3.9 (50)	95	50/50	3.9 (50)	95	50/50
10-7	4.0 (50)	50/50	4.0 (50)	100	50/50	3.9 (50)	98	50/50	3.9 (50)	98	50/50
11-7	3.8 (50)	50/50	3.8 (50)	100	50/50	3.9 (50)	103	50/50	3.9 (50)	103	50/50
12-7	4.0 (50)	50/50	4.0 (50)	100	50/50	3.9 (50)	98	50/50	3.9 (50)	98	50/50
13-7	3.9 (50)	50/50	3.8 (50)	97	50/50	3.9 (50)	100	50/50	3.9 (50)	100	50/50
14-7	4.0 (50)	50/50	4.0 (50)	100	50/50	4.1 (50)	103	50/50	4.0 (50)	100	50/50
18-7	4.3 (50)	50/50	4.4 (50)	102	50/50	4.3 (50)	100	50/50	4.3 (50)	100	50/50
22-7	4.4 (50)	50/50	4.4 (50)	100	50/50	4.4 (50)	100	50/50	4.3 (50)	98	50/50
26-7	4.4 (50)	50/50	4.3 (50)	98	50/50	4.4 (50)	100	50/50	4.3 (50)	98	50/50
30-7	4.4 (50)	50/50	4.4 (50)	100	50/50	4.4 (50)	100	50/50	4.4 (49)	100	49/50
34-7	4.6 (50)	50/50	4.6 (50)	100	50/50	4.5 (50)	98	50/50	4.4 (49)	96	49/50
38-7	4.8 (50)	50/50	4.6 (50)	96	50/50	4.5 (50)	94	50/50	4.6 (49)	96	49/50
42-7	4.7 (50)	50/50	4.6 (50)	98	50/50	4.6 (50)	98	50/50	4.6 (49)	98	49/50
46-7	4.8 (50)	50/50	4.7 (50)	98	50/50	4.6 (50)	96	50/50	4.5 (49)	94	49/50
50-7	4.6 (50)	50/50	4.6 (50)	100	50/50	4.5 (50)	98	50/50	4.5 (49)	98	49/50
54-7	4.7 (50)	50/50	4.5 (50)	96	50/50	4.5 (50)	96	50/50	4.5 (49)	96	49/50
58-7	4.6 (50)	50/50	4.6 (50)	100	50/50	4.7 (49)	102	49/50	4.6 (48)	100	48/50
62-7	4.7 (50)	50/50	4.8 (50)	102	50/50	4.7 (48)	100	48/50	4.6 (44)	98	44/50
66-7	4.6 (49)	49/50	4.5 (50)	98	50/50	4.6 (48)	100	48/50	4.5 (44)	98	44/50
70-7	4.7 (49)	49/50	4.8 (47)	102	47/50	4.6 (47)	98	47/50	4.7 (44)	100	44/50
74-7	4.7 (48)	48/50	4.7 (46)	100	46/50	4.6 (44)	98	44/50	4.7 (44)	100	44/50
78-7	4.7 (45)	45/50	4.7 (46)	100	46/50	4.7 (43)	100	43/50	4.7 (43)	100	43/50
82-7	4.7 (43)	43/50	4.9 (46)	104	46/50	4.7 (40)	100	40/50	4.6 (41)	98	41/50
86-7	4.7 (38)	38/50	4.6 (44)	98	44/50	4.5 (38)	96	38/50	4.4 (41)	94	41/50
90-7	4.9 (36)	36/50	5.0 (41)	102	41/50	4.9 (35)	100	35/50	4.8 (37)	98	37/50
94-7	4.9 (29)	29/50	5.1 (37)	104	37/50	5.0 (30)	102	30/50	4.8 (34)	98	34/50
98-7	5.0 (26)	26/50	4.9 (34)	98	34/50	4.9 (28)	98	28/50	4.7 (31)	94	31/50
102-7	4.7 (20)	20/50	4.8 (32)	102	32/50	4.8 (25)	102	25/50	4.5 (26)	96	26/50
104-7	4.6 (18)	18/50	4.9 (31)	107	31/50	4.8 (24)	104	24/50	4.5 (26)	98	26/50

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

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

Av. FC. : g

TABLE E3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 1

Group Name	Administration 1-7(6)	week-day(effective) 2-7(7)	3-7(7)	4-7(7)	5-7(7)	6-7(7)	7-7(7)
Control	3.9± 0.3	3.9± 0.3	4.1± 0.3	4.1± 0.3	4.1± 0.3	4.2± 0.3	4.1± 0.3
20 ppm	4.0± 0.3	3.8± 0.3	4.1± 0.3	4.0± 0.3	4.1± 0.3	4.1± 0.3	4.1± 0.3
50 ppm	3.9± 0.3	3.8± 0.3	4.0± 0.3*	4.0± 0.3	4.0± 0.3	4.0± 0.3**	4.0± 0.3
125 ppm	3.8± 0.2	3.9± 0.3	4.0± 0.3	4.0± 0.2	4.0± 0.3	4.1± 0.3	4.1± 0.3

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 2

Group Name	Administration 8-7(7)	week-day(effective) 9-7(7)	10-7(7)	11-7(7)	12-7(7)	13-7(7)	14-7(7)
Control	4.2± 0.3	4.3± 0.3	4.3± 0.3	4.2± 0.3	4.4± 0.3	4.3± 0.2	4.3± 0.3
20 ppm	4.1± 0.3	4.2± 0.3	4.3± 0.3	4.2± 0.4	4.4± 0.3	4.2± 0.3	4.3± 0.3
50 ppm	4.1± 0.4	4.1± 0.3*	4.1± 0.3	4.1± 0.3*	4.2± 0.3*	4.1± 0.3*	4.3± 0.2
125 ppm	4.1± 0.3	4.2± 0.3	4.2± 0.4	4.0± 0.3*	4.3± 0.3	4.2± 0.3	4.3± 0.3

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 3

Group Name	Administration 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	4.6± 0.3	4.8± 0.3	4.6± 0.3	4.7± 0.3	4.9± 0.2	5.0± 0.3	5.0± 0.3
20 ppm	4.6± 0.3	4.7± 0.3	4.6± 0.3	4.6± 0.3	4.9± 0.4	5.0± 0.3	5.0± 0.3
50 ppm	4.5± 0.2	4.7± 0.3	4.6± 0.3	4.6± 0.3	4.8± 0.3	4.8± 0.3	5.0± 0.3
125 ppm	4.6± 0.3	4.6± 0.3*	4.5± 0.2	4.6± 0.3	4.7± 0.3*	4.8± 0.4	4.8± 0.3*

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 4

Group Name	Administration 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	5.0± 0.3	5.0± 0.4	5.0± 0.3	5.0± 0.3	5.2± 0.3	5.1± 0.3	5.1± 0.3
20 ppm	5.0± 0.3	5.0± 0.3	5.0± 0.4	4.9± 0.3*	5.1± 0.3	5.0± 0.4	5.0± 0.5
50 ppm	4.9± 0.3	4.9± 0.3	4.9± 0.3	4.9± 0.3*	4.9± 0.4**	5.1± 0.3	5.0± 0.4
125 ppm	4.8± 0.3**	4.9± 0.3	4.7± 0.4**	4.7± 0.4**	4.9± 0.4**	4.9± 0.4**	4.8± 0.8**

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 5

Group Name	Administration 74-7(7)	week-day(effective) 78-7(7)	82-7(7)	86-7(7)	90-7(7)	94-7(7)	98-7(7)
Control	5.2± 0.3	5.2± 0.7	5.2± 0.4	5.2± 0.4	5.5± 0.5	5.4± 0.8	5.3± 0.7
20 ppm	5.2± 0.4	5.1± 0.4	5.2± 0.4	5.0± 0.6	5.3± 0.9	5.2± 0.8	5.3± 0.5
50 ppm	5.0± 0.4	5.0± 0.6	5.0± 0.6*	4.8± 0.6**	5.2± 0.7	5.2± 0.6	4.9± 0.7*
125 ppm	4.9± 0.4**	4.9± 0.6*	4.9± 0.6**	4.9± 0.6*	5.1± 0.5**	5.0± 0.7	4.9± 0.5*

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

Test of Dunnett

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
UNIT : g
REPORT TYPE : A1 104
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 6

Group Name	Administration week-day(effective)	
	102-7(7)	104-7(7)
Control	4.8± 0.6	4.8± 0.6
20 ppm	5.2± 0.7	5.2± 0.5*
50 ppm	4.7± 0.7	4.9± 0.5
125 ppm	4.8± 0.7	4.8± 0.7

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

Test of Dunnett

TABLE E4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 7

Group Name	Administration 1-7(6)	week-day(effective) 2-7(7)	3-7(7)	4-7(7)	5-7(7)	6-7(7)	7-7(7)
Control	3.3± 0.2	3.4± 0.2	3.7± 0.2	3.7± 0.2	3.8± 0.2	3.9± 0.2	4.0± 0.3
20 ppm	3.3± 0.2	3.3± 0.2	3.6± 0.2*	3.6± 0.2	3.7± 0.2**	3.7± 0.2**	3.9± 0.3
50 ppm	3.2± 0.2	3.3± 0.2	3.5± 0.2**	3.5± 0.2**	3.6± 0.2**	3.7± 0.2**	3.8± 0.3**
125 ppm	3.2± 0.3**	3.3± 0.2	3.5± 0.2**	3.6± 0.2*	3.7± 0.2**	3.7± 0.2**	3.8± 0.3

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 8

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	3.9± 0.2	4.1± 0.3	4.0± 0.2	3.8± 0.2	4.0± 0.2	3.9± 0.3	4.0± 0.3
20 ppm	3.9± 0.3	4.0± 0.3	4.0± 0.3	3.8± 0.3	4.0± 0.3	3.8± 0.3	4.0± 0.3
50 ppm	3.9± 0.3	3.9± 0.2*	3.9± 0.3	3.9± 0.3	3.9± 0.4	3.9± 0.3	4.1± 0.3
125 ppm	3.8± 0.2	3.9± 0.2	3.9± 0.3	3.9± 0.3	3.9± 0.2	3.9± 0.3	4.0± 0.3

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 9

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	4.3± 0.3	4.4± 0.4	4.4± 0.4	4.4± 0.4	4.6± 0.4	4.8± 0.5	4.7± 0.3
20 ppm	4.4± 0.3	4.4± 0.4	4.3± 0.5	4.4± 0.5	4.6± 0.5	4.6± 0.4	4.6± 0.5
50 ppm	4.3± 0.3	4.4± 0.3	4.4± 0.4	4.4± 0.5	4.5± 0.4	4.5± 0.5	4.6± 0.5
125 ppm	4.3± 0.3	4.3± 0.4	4.3± 0.4	4.4± 0.3	4.4± 0.4*	4.6± 0.5	4.6± 0.5

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 10

Group Name	Administration 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	4.8± 0.5	4.6± 0.4	4.7± 0.5	4.6± 0.5	4.7± 0.4	4.6± 0.4	4.7± 0.6
20 ppm	4.7± 0.4	4.6± 0.6	4.5± 0.5	4.6± 0.5	4.8± 0.5	4.5± 0.8	4.8± 0.5
50 ppm	4.6± 0.4	4.5± 0.5	4.5± 0.5	4.7± 0.5	4.7± 0.5	4.6± 0.5	4.6± 0.6
125 ppm	4.5± 0.6*	4.5± 0.5	4.5± 0.6	4.6± 0.4	4.6± 0.5	4.5± 0.6	4.7± 0.9

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

Test of Dunnett

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
 UNIT : g
 REPORT TYPE : A1 104
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

PAGE : 11

Group Name	Administration 74-7(7)	week-day(effective) 78-7(7)	82-7(7)	86-7(7)	90-7(7)	94-7(7)	98-7(7)
Control	4.7± 0.5	4.7± 0.7	4.7± 0.6	4.7± 0.7	4.9± 0.7	4.9± 1.2	5.0± 1.0
20 ppm	4.7± 0.5	4.7± 0.5	4.9± 0.6	4.6± 0.6	5.0± 0.9	5.1± 0.7	4.9± 0.7
50 ppm	4.6± 0.6	4.7± 0.5	4.7± 0.5	4.5± 0.6	4.9± 0.6	5.0± 0.8	4.9± 0.9
125 ppm	4.7± 0.5	4.7± 0.7	4.6± 0.5	4.4± 0.6	4.8± 0.7	4.8± 0.6	4.7± 0.6

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

Test of Dunnett

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
UNIT : g
REPORT TYPE : A1 104
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
ALL ANIMALS

PAGE : 12

Group Name	Administration week-day(effective)	
	102-7(7)	104-7(7)
Control	4.7± 0.7	4.6± 0.8
20 ppm	4.8± 0.6	4.9± 0.7
50 ppm	4.8± 0.7	4.8± 1.1
125 ppm	4.5± 0.5	4.5± 0.6

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

Test of Dunnett

TABLE F1

HEMATOLOGY : MALE

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE. TIME : 1
SEX : MALE

HEMATOLOGY (SUMMARY)
ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 1

Group Name	NO. of Animals	RED BLOOD CELL 10 ⁶ /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 ³ /μl	
Control	39	9.25±	1.94	13.4±	2.6	40.3±	7.4	43.7±	2.0	14.5±	0.8	33.2±	1.4	1538±	431
20 ppm	32	9.41±	1.16	13.5±	1.7	40.9±	4.5	43.7±	2.2	14.4±	0.6	33.0±	1.1	1649±	333
50 ppm	31	9.49±	0.65	13.6±	0.9	41.0±	2.4	43.2±	1.7	14.3±	0.5	33.1±	0.9	1646±	295
125 ppm	38	9.82±	1.28	14.0±	1.8	42.4±	5.3	43.2±	2.7	14.2±	1.0	32.9±	1.0	1545±	511

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
MEASURE. TIME : 1
SEX : MALE

HEMATOLOGY (SUMMARY)
ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 2

Group Name	NO. of Animals	RETICULOCYTE %	
Control	39	3.5±	4.1
20 ppm	32	2.9±	1.8
50 ppm	31	2.7±	1.2
125 ppm	38	2.8±	1.4

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 3

Group Name	NO. of Animals	WBC 10 ⁹ /μl		Differential N-BAND		WBC (%) N-SEG		EOSINO		BASO		MONO		LYMPHO		OTHER	
Control	39	4.83±	3.47	2±	1	29±	13	2±	1	0±	0	5±	2	62±	13	2±	7
20 ppm	32	4.70±	2.72	2±	1	27±	12	2±	1	0±	0	5±	2	64±	12	1±	3
50 ppm	31	4.17±	2.02	1±	1	26±	11	2±	1	0±	0	5±	2	65±	12	1±	3
125 ppm	38	4.99±	2.38	2±	2	28±	12	2±	2	0±	0	4±	2	62±	13	1±	2

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

TABLE F2

HEMATOLOGY : FEMALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 4

Group Name	NO. of Animals	RED BLOOD CELL 10 ⁶ /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 ³ /μl	
Control	18	9.62±	0.80	14.1±	0.9	42.3±	2.4	44.0±	1.8	14.7±	0.5	33.5±	0.8	1002±	234
20 ppm	25	9.11±	1.66	13.5±	1.9	40.8±	4.4	45.9±	7.6	15.1±	1.5	33.0±	1.6	1010±	323
50 ppm	22	9.49±	1.86	13.8±	2.5	41.9±	6.6	45.1±	6.1	14.7±	0.9	32.8±	2.4	1025±	305
125 ppm	26	8.92±	2.08	13.2±	3.0	40.0±	8.1	46.0±	5.5	14.9±	0.6	32.7±	2.3	848±	332

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]
MEASURE. TIME : 1
SEX : FEMALE

HEMATOLOGY (SUMMARY)
ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 5

Group Name	NO. of Animals	RETICULOCYTE %	
Control	18	2.6±	1.1
20 ppm	25	4.6±	6.8
50 ppm	22	3.6±	6.0
125 ppm	26	5.3±	8.2

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 6

Group Name	NO. of Animals	WBC 1 O ³ /μl		Differential N-BAND		WBC (%) N-SEG		EOSINO		BASO		MONO		LYMPHO		OTHER	
Control	18	3.15±	2.01	2±	2	25±	18	2±	1	0±	0	4±	2	66±	20	1±	2
20 ppm	25	3.70±	1.87	2±	2	27±	11	2±	2	0±	0	4±	2	63±	15	2±	4
50 ppm	22	6.19±	12.35	2±	2	24±	13	2±	1	0±	0	4±	2	62±	19	6±	17
125 ppm	26	10.67±	17.82	2±	3	26±	18	1±	2	0±	0	4±	3	55±	21	11±	20**

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

TABLE G1

BIOCHEMISTRY : MALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 1

Group Name	NO. of Animals	TOTAL PROTEIN g/dl		ALBUMIN g/dl		A/G RATIO		T-BILIRUBIN mg/dl		GLUCOSE mg/dl		T-CHOLESTEROL mg/dl		TRIGLYCERIDE mg/dl	
Control	39	5.1±	0.7	2.5±	0.4	1.0±	0.2	0.13±	0.03	161±	52	126±	111	46±	28
20 ppm	32	5.3±	0.6	2.7±	0.4	1.1±	0.1	0.13±	0.02	181±	32	120±	46	49±	25
50 ppm	32	5.3±	0.6	2.7±	0.4	1.0±	0.2	0.14±	0.03	182±	32	119±	38	50±	23
125 ppm	38	5.7±	0.9**	2.9±	0.4**	1.0±	0.2	0.14±	0.05	174±	32	131±	59	47±	32

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 2

Group Name	NO. of Animals	PHOSPHOLIPID mg/dl		AST IU/l		ALT IU/l		LDH IU/l		ALP IU/l		G-GTP IU/l		CK IU/l	
Control	39	206±	137	142±	205	80±	139	662±	1548	908±	4820	1±	1	248±	1065
20 ppm	32	215±	75	94±	79	55±	65	373±	270	139±	69	1±	1	56±	36
50 ppm	32	209±	55	213±	729	103±	322	549±	1368	121±	31	1±	1	50±	24
125 ppm	38	234±	88**	175±	276	114±	144	505±	488	159±	97	1±	1	121±	327

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 3

Group Name	NO. of Animals	UREA NITROGEN mg/dl		SODIUM mEq/l		POTASSIUM mEq/l		CHLORIDE mEq/l		CALCIUM mg/dl		INORGANIC PHOSPHORUS mg/dl	
Control	39	28.1±	15.3	155±	3	4.3±	0.5	122±	3	8.8±	0.5	6.5±	1.0
20 ppm	32	24.6±	11.5	154±	2	4.4±	0.5	122±	3	9.1±	1.0	6.3±	1.0
50 ppm	32	22.9±	4.9	154±	2	4.3±	0.5	123±	3	8.8±	0.4	6.2±	0.9
125 ppm	38	23.2±	7.0	153±	2	4.4±	0.4	121±	3	9.2±	0.6*	6.3±	0.9

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

Test of Dunnett

(HCL074)

BAIS 4

TABLE G2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 4

Group Name	NO. of Animals	TOTAL PROTEIN g/dl		ALBUMIN g/dl		A/G RATIO		T-BILIRUBIN mg/dl		GLUCOSE mg/dl		T-CHOLESTEROL mg/dl		TRIGLYCERIDE mg/dl	
Control	18	5.0±	0.4	2.5±	0.2	1.1±	0.2	0.17±	0.08	113±	49	84±	31	34±	17
20 ppm	26	5.0±	0.8	2.5±	0.4	1.0±	0.3	0.14±	0.07	129±	35	80±	18	45±	48
50 ppm	22	5.1±	0.5	2.7±	0.2*	1.1±	0.2	0.15±	0.05	133±	23	80±	40	42±	21
125 ppm	26	4.9±	0.9	2.6±	0.3	1.2±	0.3	0.16±	0.08	122±	35	70±	22	41±	23

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 5

Group Name	NO. of Animals	PHOSPHOLIPID mg/dl		AST IU/l		ALT IU/l		LDH IU/l		ALP IU/l		G-GTP IU/l		CK IU/l	
Control	18	137±	33	133±	90	61±	61	390±	415	179±	54	1±	3	128±	131
20 ppm	26	144±	39	135±	112	48±	35	1146±	3031	143±	55	1±	1	104±	116
50 ppm	22	150±	72	166±	177	82±	110	788±	1280	185±	92	1±	2	81±	56
125 ppm	26	131±	39	174±	161	64±	58	1962±	5395	188±	121	1±	0	265±	634

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 6

Group Name	NO. of Animals	UREA NITROGEN mg/dl		SODIUM mEq/l		POTASSIUM mEq/l		CHLORIDE mEq/l		CALCIUM mg/dl		INORGANIC PHOSPHORUS mg/dl	
Control	18	21.8±	15.3	152±	3	4.0±	0.5	121±	3	8.9±	0.2	6.7±	2.0
20 ppm	26	17.6±	7.8	153±	2	4.1±	0.6	123±	3	9.0±	0.5	6.4±	0.9
50 ppm	22	15.6±	3.2	152±	2	4.0±	0.7	122±	3	9.0±	0.6	6.5±	1.4
125 ppm	26	20.8±	14.6	153±	4	4.2±	0.7	124±	5*	8.9±	0.4	6.6±	1.2

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

Test of Dunnett

(HCL074)

BAIS 4

TABLE H1

URINALYSIS : MALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : MALE

URINALYSIS

REPORT TYPE : A1

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	40	0	5	10	6	17	2	0		0	1	14	23	1	1		40	0	0	0	0	0	0		8	32	0	0	0	0		37	0	1	0	2
20 ppm	32	0	2	4	11	12	3	0		0	0	13	19	0	0		32	0	0	0	0	0	0		8	24	0	0	0	0		30	0	0	0	2
50 ppm	33	0	4	9	4	8	8	0		0	0	13	19	1	0		33	0	0	0	0	0	0		6	26	1	0	0	0		31	0	0	0	2
125 ppm	39	0	2	2	11	12	12	0	**	0	1	10	25	3	0		39	0	0	0	0	0	0		6	31	2	0	0	0		35	0	2	0	2

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

Test of CHI SQUARE

(HCL101)

BAIS 4

STUDY NO. : 0561

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	40	40 0 0 0 0
20 ppm	32	32 0 0 0 0
50 ppm	33	33 0 0 0 0
125 ppm	39	39 0 0 0 0

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

Test of CHI SQUARE

(HCL101)

BAYS 4

TABLE H2

URINALYSIS : FEMALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 MEASURE. TIME : 1
 SEX : FEMALE

URINALYSIS

REPORT TYPE : A1

PAGE : 3

Group Name	NO. of Animals	pH							CHI	Protein					CHI	Glucose					CHI	Ketone body					CHI	Occult blood					CHI			
		5.0	6.0	6.5	7.0	7.5	8.0	8.5		-	±	+	2+	3+		4+	-	±	+	2+		3+	4+	-	±	+		2+	3+	4+	-	±		+	2+	3+
Control	18	0	0	1	3	4	9	1		0	2	9	6	1	0		18	0	0	0	0	0		10	7	0	1	0	0		13	0	0	0	5	
20 ppm	31	0	0	4	5	4	18	0		0	3	20	8	0	0		31	0	0	0	0	0		10	19	2	0	0	0		29	1	0	1	0	*
50 ppm	24	0	1	1	3	7	12	0		0	3	9	11	1	0		24	0	0	0	0	0		6	14	4	0	0	0		22	0	0	0	2	
125 ppm	26	0	0	4	4	5	13	0		0	1	11	11	3	0		26	0	0	0	0	0		1	18	5	2	0	0	**	19	1	2	2	2	

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

Test of CHI SQUARE

(HCL101)

BAIS 4

STUDY NO. : 0561

URINALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : FEMALE

REPORT TYPE : A1

PAGE : 4

Group Name	NO. of Animals	Urobilinogen					CHI
		±	+	2+	3+	4+	
Control	18	18	0	0	0	0	0
20 ppm	31	31	0	0	0	0	0
50 ppm	24	24	0	0	0	0	0
125 ppm	26	26	0	0	0	0	0

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

Test of CHI SQUARE

(HCL101)

BAIS 4

TABLE I 1

GROSS FINDINGS : MALE

ALL ANIMALS

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name NO. of Animals	Control		20 ppm		50 ppm		125 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
skin/app	nodule		0	(0)	0	(0)	0	(0)	2	(4)
	erosion		2	(4)	1	(2)	1	(2)	2	(4)
	scab		4	(8)	2	(4)	1	(2)	0	(0)
subcutis	mass		2	(4)	4	(8)	2	(4)	3	(6)
lung	white zone		0	(0)	0	(0)	1	(2)	0	(0)
	yellow zone		0	(0)	0	(0)	0	(0)	1	(2)
	nodule		9	(18)	7	(14)	14	(28)	20	(40)
lymph node	enlarged		13	(26)	6	(12)	4	(8)	4	(8)
spleen	enlarged		2	(4)	4	(8)	3	(6)	3	(6)
	red zone		0	(0)	0	(0)	1	(2)	0	(0)
	black zone		0	(0)	1	(2)	0	(0)	0	(0)
	nodule		3	(6)	1	(2)	3	(6)	1	(2)
	deformed		1	(2)	0	(0)	2	(4)	0	(0)
	accentuation of white pulp		1	(2)	0	(0)	1	(2)	0	(0)
forestomach	nodule		0	(0)	0	(0)	0	(0)	2	(4)
gl stomach	ulcer		1	(2)	1	(2)	0	(0)	0	(0)
	thick		8	(16)	6	(12)	7	(14)	3	(6)
small intes	nodule		1	(2)	0	(0)	1	(2)	0	(0)
liver	enlarged		0	(0)	0	(0)	0	(0)	1	(2)
	atrophic		1	(2)	1	(2)	0	(0)	0	(0)
	pale		1	(2)	0	(0)	0	(0)	0	(0)
	white zone		0	(0)	2	(4)	2	(4)	3	(6)

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name NO. of Animals	Control		20 ppm		50 ppm		125 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
liver	red zone		2	(4)	0	(0)	3	(6)	2	(4)
	nodule		20	(40)	24	(48)	19	(38)	22	(44)
kidney	enlarged		0	(0)	0	(0)	1	(2)	0	(0)
	dilated		0	(0)	0	(0)	0	(0)	1	(2)
	hydronephrosis		3	(6)	2	(4)	1	(2)	4	(8)
urin bladd	nodule		0	(0)	0	(0)	0	(0)	1	(2)
	urine:marked retention		3	(6)	4	(8)	6	(12)	5	(10)
pituitary	enlarged		0	(0)	0	(0)	0	(0)	1	(2)
testis	enlarged		1	(2)	0	(0)	0	(0)	0	(0)
epididymis	nodule		0	(0)	2	(4)	0	(0)	1	(2)
prep/cli gl	nodule		2	(4)	1	(2)	2	(4)	1	(2)
brain	red zone		0	(0)	0	(0)	1	(2)	0	(0)
periph nerv	nodule		0	(0)	0	(0)	1	(2)	0	(0)
eye	turbid		1	(2)	1	(2)	1	(2)	0	(0)
Harder gl	enlarged		3	(6)	1	(2)	3	(6)	0	(0)
mediastinum	mass		0	(0)	0	(0)	1	(2)	0	(0)
peritoneum	nodule		0	(0)	0	(0)	1	(2)	0	(0)
abdominal c	hemorrhage		0	(0)	1	(2)	0	(0)	0	(0)
	ascites		1	(2)	1	(2)	2	(4)	1	(2)
thoracic ca	hemorrhage		1	(2)	0	(0)	1	(2)	0	(0)
	pleural fluid		2	(4)	1	(2)	3	(6)	2	(4)
other	tail:nodule		0	(0)	1	(2)	1	(2)	0	(0)

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 3

Organ	Findings	Group Name NO. of Animals	Control		20 ppm		50 ppm		125 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
other	hindlimb:nodule		0	(0)	1	(2)	0	(0)	0	(0)
whole body	anemic		0	(0)	0	(0)	1	(2)	0	(0)

(HPT080)

BAIS 4

TABLE I 2

GROSS FINDINGS : MALE
DEAD AND MORIBUND ANIMALS

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name NO. of Animals	Control		20 ppm		50 ppm		125 ppm	
			11	(%)	18	(%)	18	(%)	11	(%)
skin/app	erosion		0	(0)	1	(6)	0	(0)	1	(9)
	scab		4	(36)	0	(0)	0	(0)	0	(0)
subcutis	mass		1	(9)	3	(17)	2	(11)	1	(9)
lung	nodule		2	(18)	3	(17)	4	(22)	2	(18)
lymph node	enlarged		7	(64)	2	(11)	3	(17)	2	(18)
spleen	enlarged		1	(9)	3	(17)	3	(17)	2	(18)
	black zone		0	(0)	1	(6)	0	(0)	0	(0)
	nodule		1	(9)	0	(0)	0	(0)	1	(9)
	deformed		0	(0)	0	(0)	2	(11)	0	(0)
gl stomach	thick		0	(0)	0	(0)	1	(6)	0	(0)
small intes	nodule		1	(9)	0	(0)	0	(0)	0	(0)
liver	enlarged		0	(0)	0	(0)	0	(0)	1	(9)
	atrophic		0	(0)	1	(6)	0	(0)	0	(0)
	pale		1	(9)	0	(0)	0	(0)	0	(0)
	white zone		0	(0)	1	(6)	1	(6)	1	(9)
	red zone		1	(9)	0	(0)	2	(11)	1	(9)
kidney	nodule		2	(18)	8	(44)	8	(44)	1	(9)
	enlarged		0	(0)	0	(0)	1	(6)	0	(0)
	dilated		0	(0)	0	(0)	0	(0)	1	(9)
	hydronephrosis		1	(9)	2	(11)	1	(6)	3	(27)
urin bladd	urine:marked retention		2	(18)	3	(17)	4	(22)	4	(36)
pituitary	enlarged		0	(0)	0	(0)	0	(0)	1	(9)

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name NO. of Animals	Control		20 ppm		50 ppm		125 ppm	
			11	(%)	18	(%)	18	(%)	11	(%)
testis	enlarged		1	(9)	0	(0)	0	(0)	0	(0)
epididymis	nodule		0	(0)	1	(6)	0	(0)	0	(0)
prep/cli gl	nodule		0	(0)	0	(0)	1	(6)	0	(0)
brain	red zone		0	(0)	0	(0)	1	(6)	0	(0)
periph nerv	nodule		0	(0)	0	(0)	1	(6)	0	(0)
Harder gl	enlarged		0	(0)	0	(0)	1	(6)	0	(0)
mediastinum	mass		0	(0)	0	(0)	1	(6)	0	(0)
peritoneum	nodule		0	(0)	0	(0)	1	(6)	0	(0)
abdominal c	hemorrhage		0	(0)	1	(6)	0	(0)	0	(0)
	ascites		1	(9)	0	(0)	2	(11)	1	(9)
thoracic ca	hemorrhage		1	(9)	0	(0)	1	(6)	0	(0)
	pleural fluid		0	(0)	1	(6)	3	(17)	2	(18)
other	hindlimb:nodule		0	(0)	1	(6)	0	(0)	0	(0)
whole body	anemic		0	(0)	0	(0)	1	(6)	0	(0)

TABLE I 3

GROSS FINDINGS : MALE
SACRIFICED ANIMALS

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

GROSS FINDINGS (SUMMARY)
SACRIFICED ANIMALS (105W)

PAGE : 1

Organ	Findings	Group Name NO. of Animals	Control		20 ppm		50 ppm		125 ppm	
			39	(%)	32	(%)	32	(%)	39	(%)
skin/app	nodule		0	(0)	0	(0)	0	(0)	2	(5)
	erosion		2	(5)	0	(0)	1	(3)	1	(3)
	scab		0	(0)	2	(6)	1	(3)	0	(0)
subcutis	mass		1	(3)	1	(3)	0	(0)	2	(5)
lung	white zone		0	(0)	0	(0)	1	(3)	0	(0)
	yellow zone		0	(0)	0	(0)	0	(0)	1	(3)
	nodule		7	(18)	4	(13)	10	(31)	18	(46)
lymph node	enlarged		6	(15)	4	(13)	1	(3)	2	(5)
spleen	enlarged		1	(3)	1	(3)	0	(0)	1	(3)
	red zone		0	(0)	0	(0)	1	(3)	0	(0)
	nodule		2	(5)	1	(3)	3	(9)	0	(0)
	deformed		1	(3)	0	(0)	0	(0)	0	(0)
	accentuation of white pulp		1	(3)	0	(0)	1	(3)	0	(0)
forestomach	nodule		0	(0)	0	(0)	0	(0)	2	(5)
gl stomach	ulcer		1	(3)	1	(3)	0	(0)	0	(0)
	thick		8	(21)	6	(19)	6	(19)	3	(8)
small intes	nodule		0	(0)	0	(0)	1	(3)	0	(0)
liver	atrophic		1	(3)	0	(0)	0	(0)	0	(0)
	white zone		0	(0)	1	(3)	1	(3)	2	(5)
	red zone		1	(3)	0	(0)	1	(3)	1	(3)
	nodule		18	(46)	16	(50)	11	(34)	21	(54)
kidney	hydronephrosis		2	(5)	0	(0)	0	(0)	1	(3)

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

GROSS FINDINGS (SUMMARY)
 SACRIFICED ANIMALS (105W)

PAGE : 2

Organ	Findings	Group Name NO. of Animals	Control		20 ppm		50 ppm		125 ppm	
			39	(%)	32	(%)	32	(%)	39	(%)
urin bladd	nodule		0	(0)	0	(0)	0	(0)	1	(3)
	urine:marked retention		1	(3)	1	(3)	2	(6)	1	(3)
epididymis	nodule		0	(0)	1	(3)	0	(0)	1	(3)
prep/cli gl	nodule		2	(5)	1	(3)	1	(3)	1	(3)
eye	turbid		1	(3)	1	(3)	1	(3)	0	(0)
Harder gl	enlarged		3	(8)	1	(3)	2	(6)	0	(0)
abdominal c	ascites		0	(0)	1	(3)	0	(0)	0	(0)
thoracic ca	pleural fluid		2	(5)	0	(0)	0	(0)	0	(0)
other	tail:nodule		0	(0)	1	(3)	1	(3)	0	(0)

(HPT080)

BAIS 4

TABLE I 4

GROSS FINDINGS : FEMALE

ALL ANIMALS

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 4

Organ	Findings	Group Name NO. of Animals	Control		20 ppm		50 ppm		125 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
skin/app	ulcer		0	(0)	0	(0)	0	(0)	1	(2)
	scab		1	(2)	0	(0)	1	(2)	1	(2)
subcutis	edema		1	(2)	6	(12)	4	(8)	4	(8)
	mass		3	(6)	1	(2)	2	(4)	2	(4)
lung	red		0	(0)	0	(0)	1	(2)	0	(0)
	white zone		0	(0)	1	(2)	1	(2)	0	(0)
	red zone		0	(0)	1	(2)	1	(2)	0	(0)
	brown zone		0	(0)	0	(0)	1	(2)	0	(0)
	nodule		2	(4)	2	(4)	3	(6)	5	(10)
lymph node	enlarged		13	(26)	5	(10)	11	(22)	13	(26)
	nodule		0	(0)	1	(2)	0	(0)	0	(0)
spleen	enlarged		10	(20)	9	(18)	7	(14)	9	(18)
	white zone		0	(0)	0	(0)	1	(2)	1	(2)
	nodule		1	(2)	1	(2)	2	(4)	1	(2)
	accentuation of white pulp		0	(0)	3	(6)	1	(2)	1	(2)
heart	white zone		0	(0)	0	(0)	1	(2)	0	(0)
	hemorrhage		0	(0)	0	(0)	1	(2)	0	(0)
	hypertrophy		0	(0)	0	(0)	1	(2)	0	(0)
tongue	nodule		0	(0)	0	(0)	1	(2)	0	(0)
forestomach	nodule		0	(0)	0	(0)	0	(0)	2	(4)
gl stomach	thick		1	(2)	1	(2)	0	(0)	0	(0)
small intes	nodule		0	(0)	1	(2)	1	(2)	0	(0)

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 5

Organ	Findings	Group Name NO. of Animals	Control		20 ppm		50 ppm		125 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
small intes	dilated		0	(0)	0	(0)	0	(0)	1	(2)
large intes	nodule		0	(0)	1	(2)	0	(0)	0	(0)
liver	enlarged		3	(6)	4	(8)	5	(10)	6	(12)
	pale		0	(0)	0	(0)	1	(2)	0	(0)
	white zone		6	(12)	6	(12)	6	(12)	8	(16)
	red zone		3	(6)	5	(10)	4	(8)	6	(12)
	nodule		9	(18)	11	(22)	9	(18)	8	(16)
	cyst		0	(0)	0	(0)	0	(0)	1	(2)
	rough		0	(0)	1	(2)	1	(2)	0	(0)
	enlarged		0	(0)	0	(0)	0	(0)	1	(2)
kidney	nodule		0	(0)	1	(2)	1	(2)	0	(0)
	nodular		0	(0)	1	(2)	0	(0)	0	(0)
	hydronephrosis		3	(6)	0	(0)	1	(2)	1	(2)
	urine:marked retention		0	(0)	1	(2)	0	(0)	1	(2)
urin bladd	urine:black		0	(0)	1	(2)	0	(0)	0	(0)
	enlarged		4	(8)	2	(4)	3	(6)	1	(2)
pituitary	red zone		4	(8)	2	(4)	3	(6)	2	(4)
	brown zone		1	(2)	0	(0)	0	(0)	0	(0)
	black zone		0	(0)	1	(2)	0	(0)	0	(0)
	nodule		2	(4)	4	(8)	5	(10)	2	(4)
	enlarged		4	(8)	8	(16)	8	(16)	3	(6)
ovary	nodule		0	(0)	0	(0)	0	(0)	1	(2)

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 6

Organ	Findings	Group Name NO. of Animals	Control		20 ppm		50 ppm		125 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
ovary	cyst		5	(10)	6	(12)	4	(8)	6	(12)
uterus	nodule		9	(18)	14	(28)	12	(24)	15	(30)
	fluid:transparent		0	(0)	0	(0)	0	(0)	1	(2)
vagina	nodule		1	(2)	0	(0)	0	(0)	0	(0)
brain	brown zone		0	(0)	0	(0)	0	(0)	1	(2)
	nodule		2	(4)	0	(0)	1	(2)	0	(0)
eye	turbid		2	(4)	0	(0)	0	(0)	0	(0)
Harder gl	enlarged		1	(2)	1	(2)	1	(2)	1	(2)
	nodule		0	(0)	0	(0)	1	(2)	0	(0)
muscle	nodule		1	(2)	0	(0)	0	(0)	0	(0)
pleura	nodule		0	(0)	0	(0)	1	(2)	0	(0)
mediastinum	mass		3	(6)	4	(8)	1	(2)	1	(2)
peritoneum	hemorrhage		1	(2)	1	(2)	0	(0)	0	(0)
	nodule		1	(2)	3	(6)	2	(4)	1	(2)
	adhesion		1	(2)	0	(0)	0	(0)	0	(0)
	thick		1	(2)	0	(0)	2	(4)	2	(4)
retroperit	mass		2	(4)	0	(0)	0	(0)	0	(0)
abdominal c	hemorrhage		0	(0)	1	(2)	0	(0)	0	(0)
	ascites		9	(18)	10	(20)	10	(20)	13	(26)
thoracic ca	hemorrhage		2	(4)	0	(0)	0	(0)	0	(0)
	pleural fluid		17	(34)	7	(14)	6	(12)	8	(16)

TABLE I 5

GROSS FINDINGS : FEMALE
DEAD AND MORIBUND ANIMALS

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 3

Organ	Findings	Group Name	Control	20 ppm		50 ppm		125 ppm	
		NO. of Animals	32 (%)	19 (%)	26 (%)	24 (%)			
skin/app	ulcer		0 (0)	0 (0)	0 (0)	1 (4)			
	scab		1 (3)	0 (0)	0 (0)	1 (4)			
subcutis	edema		1 (3)	5 (26)	4 (15)	3 (13)			
	mass		3 (9)	1 (5)	1 (4)	1 (4)			
lung	red		0 (0)	0 (0)	1 (4)	0 (0)			
	white zone		0 (0)	0 (0)	1 (4)	0 (0)			
	red zone		0 (0)	1 (5)	1 (4)	0 (0)			
	brown zone		0 (0)	0 (0)	1 (4)	0 (0)			
	nodule		2 (6)	0 (0)	3 (12)	1 (4)			
lymph node	enlarged		10 (31)	4 (21)	7 (27)	9 (38)			
spleen	enlarged		9 (28)	7 (37)	5 (19)	5 (21)			
	white zone		0 (0)	0 (0)	1 (4)	1 (4)			
	nodule		1 (3)	0 (0)	2 (8)	0 (0)			
heart	white zone		0 (0)	0 (0)	1 (4)	0 (0)			
	hemorrhage		0 (0)	0 (0)	1 (4)	0 (0)			
	hypertrophy		0 (0)	0 (0)	1 (4)	0 (0)			
tongue	nodule		0 (0)	0 (0)	1 (4)	0 (0)			
small intes	dilated		0 (0)	0 (0)	0 (0)	1 (4)			
liver	enlarged		3 (9)	4 (21)	5 (19)	6 (25)			
	pale		0 (0)	0 (0)	1 (4)	0 (0)			
	white zone		6 (19)	5 (26)	5 (19)	6 (25)			
	red zone		1 (3)	0 (0)	2 (8)	0 (0)			

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 4

Organ	Findings	Group Name NO. of Animals	Control		20 ppm		50 ppm		125 ppm	
			32	(%)	19	(%)	26	(%)	24	(%)
liver	nodule		5	(16)	5	(26)	5	(19)	4	(17)
	cyst		0	(0)	0	(0)	0	(0)	1	(4)
	rough		0	(0)	1	(5)	1	(4)	0	(0)
kidney	enlarged		0	(0)	0	(0)	0	(0)	1	(4)
	nodule		0	(0)	0	(0)	1	(4)	0	(0)
	nodular		0	(0)	1	(5)	0	(0)	0	(0)
	hydronephrosis		3	(9)	0	(0)	1	(4)	1	(4)
urin bladd	urine:marked retention		0	(0)	1	(5)	0	(0)	1	(4)
	urine:black		0	(0)	1	(5)	0	(0)	0	(0)
pituitary	enlarged		3	(9)	0	(0)	1	(4)	0	(0)
	red zone		3	(9)	1	(5)	1	(4)	0	(0)
	nodule		1	(3)	0	(0)	0	(0)	0	(0)
ovary	enlarged		4	(13)	7	(37)	7	(27)	3	(13)
	cyst		2	(6)	1	(5)	2	(8)	3	(13)
uterus	nodule		8	(25)	7	(37)	9	(35)	9	(38)
	fluid:transparent		0	(0)	0	(0)	0	(0)	1	(4)
vagina	nodule		1	(3)	0	(0)	0	(0)	0	(0)
brain	nodule		1	(3)	0	(0)	1	(4)	0	(0)
eye	turbid		2	(6)	0	(0)	0	(0)	0	(0)
Harder gl	enlarged		1	(3)	1	(5)	1	(4)	0	(0)
	nodule		0	(0)	0	(0)	1	(4)	0	(0)
muscle	nodule		1	(3)	0	(0)	0	(0)	0	(0)

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

Organ	Findings	Group Name NO. of Animals	Control		20 ppm		50 ppm		125 ppm	
			32	(%)	19	(%)	26	(%)	24	(%)
pleura	nodule		0	(0)	0	(0)	1	(4)	0	(0)
mediastinum	mass		3	(9)	4	(21)	1	(4)	1	(4)
peritoneum	hemorrhage		1	(3)	1	(5)	0	(0)	0	(0)
	nodule		1	(3)	1	(5)	2	(8)	1	(4)
	adhesion		1	(3)	0	(0)	0	(0)	0	(0)
	thick		1	(3)	0	(0)	2	(8)	2	(8)
retroperit	mass		2	(6)	0	(0)	0	(0)	0	(0)
abdominal c	hemorrhage		0	(0)	1	(5)	0	(0)	0	(0)
	ascites		7	(22)	6	(32)	8	(31)	8	(33)
thoracic ca	hemorrhage		2	(6)	0	(0)	0	(0)	0	(0)
	pleural fluid		15	(47)	7	(37)	6	(23)	7	(29)

(HPT080)
BAIS

TABLE I 6

GROSS FINDINGS : FEMALE
SACRIFICED ANIMALS

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

GROSS FINDINGS (SUMMARY)
 SACRIFICED ANIMALS (105W)

PAGE : 3

Organ	Findings	Group Name NO. of Animals	Control		20 ppm		50 ppm		125 ppm	
			18	(%)	31	(%)	24	(%)	26	(%)
skin/app	scab		0	(0)	0	(0)	1	(4)	0	(0)
subcutis	edema		0	(0)	1	(3)	0	(0)	1	(4)
	mass		0	(0)	0	(0)	1	(4)	1	(4)
lung	white zone		0	(0)	1	(3)	0	(0)	0	(0)
	nodule		0	(0)	2	(6)	0	(0)	4	(15)
lymph node	enlarged		3	(17)	1	(3)	4	(17)	4	(15)
	nodule		0	(0)	1	(3)	0	(0)	0	(0)
spleen	enlarged		1	(6)	2	(6)	2	(8)	4	(15)
	nodule		0	(0)	1	(3)	0	(0)	1	(4)
	accentuation of white pulp		0	(0)	3	(10)	1	(4)	1	(4)
forestomach	nodule		0	(0)	0	(0)	0	(0)	2	(8)
gl stomach	thick		1	(6)	1	(3)	0	(0)	0	(0)
small intes	nodule		0	(0)	1	(3)	1	(4)	0	(0)
large intes	nodule		0	(0)	1	(3)	0	(0)	0	(0)
liver	white zone		0	(0)	1	(3)	1	(4)	2	(8)
	red zone		2	(11)	5	(16)	2	(8)	6	(23)
	nodule		4	(22)	6	(19)	4	(17)	4	(15)
kidney	nodule		0	(0)	1	(3)	0	(0)	0	(0)
pituitary	enlarged		1	(6)	2	(6)	2	(8)	1	(4)
	red zone		1	(6)	1	(3)	2	(8)	2	(8)
	brown zone		1	(6)	0	(0)	0	(0)	0	(0)
	black zone		0	(0)	1	(3)	0	(0)	0	(0)

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

GROSS FINDINGS (SUMMARY)
 SACRIFICED ANIMALS (105W)

PAGE : 4

Organ	Findings	Group Name NO. of Animals	Control		20 ppm		50 ppm		125 ppm	
			18	(%)	31	(%)	24	(%)	26	(%)
pituitary	nodule		1	(6)	4	(13)	5	(21)	2	(8)
ovary	enlarged		0	(0)	1	(3)	1	(4)	0	(0)
	nodule		0	(0)	0	(0)	0	(0)	1	(4)
	cyst		3	(17)	5	(16)	2	(8)	3	(12)
uterus	nodule		1	(6)	7	(23)	3	(13)	6	(23)
brain	brown zone		0	(0)	0	(0)	0	(0)	1	(4)
	nodule		1	(6)	0	(0)	0	(0)	0	(0)
Harder gl	enlarged		0	(0)	0	(0)	0	(0)	1	(4)
peritoneum	nodule		0	(0)	2	(6)	0	(0)	0	(0)
abdominal c	ascites		2	(11)	4	(13)	2	(8)	5	(19)
thoracic ca	pleural fluid		2	(11)	0	(0)	0	(0)	1	(4)

TABLE J1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: g

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

PAGE : 1

Group Name	NO. of Animals	Body Weight	ADRENALS		TESTES		HEART		LUNGS		KIDNEYS	
Control	39	45.6± 8.8	0.011±	0.002	0.228±	0.032	0.228±	0.028	0.228±	0.119	1.178±	3.250
20 ppm	32	47.9± 7.9	0.011±	0.002	0.223±	0.033	0.228±	0.022	0.220±	0.099	0.650±	0.052
50 ppm	32	45.7± 7.4	0.011±	0.002	0.225±	0.031	0.228±	0.020	0.229±	0.092	0.661±	0.061
125 ppm	39	44.3± 8.5	0.011±	0.002	0.219±	0.030	0.226±	0.022	0.254±	0.125	0.711±	0.446

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

Test of Dunnett

(HCL040)

BAIS 4

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: g

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

PAGE : 2

Group Name	NO. of Animals	SPLEEN		LIVER		BRAIN	
Control	39	0.187±	0.345	1.809±	0.606	0.450±	0.013
20 ppm	32	0.178±	0.427	1.898±	0.581	0.447±	0.011
50 ppm	32	0.115±	0.108	1.684±	0.327	0.451±	0.011
125 ppm	39	0.111±	0.104	2.161±	1.067	0.449±	0.012

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

Test of Dunnett

(HCL040)

BAIS 4

TABLE J2

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

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

PAGE : 3

Group Name	NO. of Animals	Body Weight	ADRENALS		OVARIES		HEART		LUNGS		KIDNEYS	
Control	18	30.3± 5.3	0.014±	0.002	0.041±	0.030	0.179±	0.021	0.191±	0.014	0.445±	0.044
20 ppm	31	33.5± 4.5	0.014±	0.002	0.091±	0.184	0.179±	0.026	0.195±	0.020	0.474±	0.088
50 ppm	24	32.3± 4.2	0.016±	0.004	0.122±	0.306	0.188±	0.025	0.202±	0.031	0.472±	0.062
125 ppm	26	31.6± 5.4	0.014±	0.002	0.042±	0.023	0.181±	0.023	0.225±	0.112	0.464±	0.050

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

Test of Dunnett

(HCL040)

BAIS 4

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

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

PAGE : 4

Group Name	NO. of Animals	SPLEEN		LIVER		BRAIN	
Control	18	0.150±	0.174	1.396±	0.284	0.493±	0.067
20 ppm	31	0.232±	0.235	1.790±	1.218	0.473±	0.016
50 ppm	24	0.250±	0.376	1.676±	0.500	0.478±	0.018
125 ppm	26	0.311±	0.339	1.933±	1.340	0.474±	0.020

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

Test of Dunnett

(HCL040)

BAIS 4

TABLE K1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: %

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

PAGE : 1

Group Name	NO. of Animals	Body Weight (g)	ADRENALS	TESTES	HEART	LUNGS	KIDNEYS
Control	39	45.6± 8.8	0.026± 0.007	0.519± 0.128	0.517± 0.124	0.545± 0.453	2.480± 6.170
20 ppm	32	47.9± 7.9	0.023± 0.006	0.478± 0.099	0.487± 0.074	0.476± 0.268	1.388± 0.222
50 ppm	32	45.7± 7.4	0.025± 0.005	0.501± 0.085	0.511± 0.077	0.520± 0.250	1.476± 0.212
125 ppm	39	44.3± 8.5	0.026± 0.007	0.512± 0.115	0.528± 0.110	0.620± 0.437	1.718± 1.525

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

Test of Dunnett

(HCL042)

BAIS 4

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE
UNIT: %

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

PAGE : 2

Group Name	NO. of Animals	SPLEEN	LIVER	BRAIN
Control	39	0.414± 0.719	4.149± 1.958	1.030± 0.234
20 ppm	32	0.424± 1.170	4.065± 1.545	0.960± 0.169
50 ppm	32	0.264± 0.254	3.770± 0.992	1.015± 0.178
125 ppm	39	0.266± 0.280	5.057± 2.630	1.056± 0.233

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

Test of Dunnett

(HCL042)

BAIS 4

TABLE K2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

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

PAGE : 3

Group Name	NO. of Animals	Body Weight (g)	ADRENALS	OVARIES	HEART	LUNGS	KIDNEYS
Control	18	30.3± 5.3	0.049± 0.012	0.137± 0.096	0.610± 0.136	0.649± 0.127	1.505± 0.281
20 ppm	31	33.5± 4.5	0.043± 0.007	0.273± 0.530	0.540± 0.090	0.589± 0.074	1.425± 0.245
50 ppm	24	32.3± 4.2	0.049± 0.013	0.365± 0.918	0.585± 0.074	0.633± 0.115	1.469± 0.157
125 ppm	26	31.6± 5.4	0.045± 0.010	0.136± 0.084	0.588± 0.112	0.743± 0.493	1.500± 0.238

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

Test of Dunnett

(HCL042)

BAIS 4

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

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

PAGE : 4

Group Name	NO. of Animals	SPLEEN	LIVER	BRAIN
Control	18	0.479± 0.508	4.627± 0.660	1.692± 0.484
20 ppm	31	0.702± 0.732	5.269± 2.975	1.435± 0.176
50 ppm	24	0.800± 1.300	5.179± 1.379	1.500± 0.189
125 ppm	26	0.959± 1.004	5.942± 3.042	1.542± 0.285

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

Test of Dunnett

(HCL042)

BAIS 4

TABLE L1

HISTOPATHOLOGICAL FINDINGS :
NON-NEOPLASTIC LESIONS : MALE
ALL ANIMALS

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name No. of Animals on Study				Control				20 ppm				50 ppm				125 ppm			
		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
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																					
skin/app	ulcer	<50>				<50>				<50>				<50>				<50>			
		0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0
		(0)	(0)	(0)	(0)	(2)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)
	erosion	2	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
		(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	squamous cell hyperplasia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	scab	2	1	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0
		(4)	(2)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)
	epidermal cyst	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
subcutis	cyst	<50>				<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)
	inflammation	0	0	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
	xanthogranuloma	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name No. of Animals on Study Grade	Control				20 ppm				50 ppm				125 ppm					
			50				50				50				50					
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)		
{Respiratory system}																				
nasal cavit			<50>				<50>				<50>				<50>					
	eosinophilic change:olfactory epithelium	24 (48)	0 (0)	0 (0)	0 (0)	0 (0)	32 (64)	0 (0)	0 (0)	0 (0)	0 (0)	24 (48)	2 (4)	0 (0)	0 (0)	0 (0)	19 (38)	2 (4)	0 (0)	0 (0)
	eosinophilic change:respiratory epithelium	18 (36)	0 (0)	0 (0)	0 (0)	0 (0)	15 (30)	0 (0)	0 (0)	0 (0)	0 (0)	17 (34)	0 (0)	0 (0)	0 (0)	0 (0)	20 (40)	0 (0)	0 (0)	0 (0)
	respiratory metaplasia:olfactory epithelium	12 (24)	0 (0)	0 (0)	0 (0)	0 (0)	13 (26)	0 (0)	0 (0)	0 (0)	0 (0)	9 (18)	0 (0)	0 (0)	0 (0)	0 (0)	10 (20)	0 (0)	0 (0)	0 (0)
	respiratory metaplasia:gland	21 (42)	1 (2)	0 (0)	0 (0)	0 (0)	23 (46)	2 (4)	0 (0)	0 (0)	0 (0)	25 (50)	2 (4)	0 (0)	0 (0)	0 (0)	22 (44)	0 (0)	0 (0)	0 (0)
	atrophy:olfactory epithelium	2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	4 (8)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)
lung			<50>				<50>				<50>				<50>					
	hemorrhage	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)
	edema	3 (6)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	inflammatory 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)	1 (2)	0 (0)	0 (0)	0 (0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 3

Organ	Findings	Group Name No. of Animals on Study				Control				20 ppm				50 ppm				125 ppm			
		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>			
	lymphocytic infiltration	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	bronchiolar-alveolar cell hyperplasia	1	0	0	0	3	1	0	0	0	2	0	0	0	2	0	0	0	0	0	0
		(2)	(0)	(0)	(0)	(6)	(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	uremic pneumonitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
{Hematopoietic system}																					
bone marrow		<50>				<50>				<50>				<50>				<50>			
	thrombus	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	atrophy:focal	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	granulation	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	granulopoiesis:increased	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 4

Organ	Findings	Group Name No. of Animals on Study Grade	Control				20 ppm				50 ppm				125 ppm			
			50				50				50				50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Hematopoietic system}																		
lymph node			<50>				<50>				<50>				<50>			
	lymphadenitis		0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
spleen			<50>				<50>				<50>				<50>			
	angiectasis		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	increased extramedullary hematopoiesis		4	7	1	0	7	8	1	0	6	6	0	0	6	8	1	0
			(8)	(14)	(2)	(0)	(14)	(16)	(2)	(0)	(12)	(12)	(0)	(0)	(12)	(16)	(2)	(0)
	follicular hyperplasia		0	1	0	0	3	0	1	0	2	1	1	0	2	1	0	0
			(0)	(2)	(0)	(0)	(6)	(0)	(2)	(0)	(4)	(2)	(2)	(0)	(4)	(2)	(0)	(0)
{Circulatory system}																		
heart			<50>				<50>				<50>				<50>			
	mineralization		0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	myocardial fibrosis		1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(2)	(0)	(0)	(0)	(0)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 5

Organ	Findings	Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Circulatory system}																		
heart			<50>				<50>				<50>				<50>			
	arteritis		1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
{Digestive system}																		
tongue			<50>				<50>				<50>				<50>			
	arteritis		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
stomach			<50>				<50>				<50>				<50>			
	hyperplasia:forestomach		1	1	0	0	1	0	0	0	0	0	0	0	2	0	0	0
			(2)	(2)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	erosion:glandular stomach		4	0	0	0	4	0	0	0	0	0	0	0	1	0	0	0
			(8)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	hyperplasia:glandular stomach		11	15	0	0	16	10	0	0	17	9	0	0	15	11	0	0
			(22)	(30)	(0)	(0)	(32)	(20)	(0)	(0)	(34)	(18)	(0)	(0)	(30)	(22)	(0)	(0)
small intes			<50>				<50>				<50>				<50>			
	inflammation		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 6

Organ	Findings	Group Name No. of Animals on Study				Control				20 ppm				50 ppm				125 ppm			
		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
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																					
liver		<50>				<50>				<50>				<50>				<50>			
	angiectasis	1 (2)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (6)	1 (2)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)
	hemorrhage	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)	1 (2)	0 (0)	0 (0)	0 (0)
	necrosis:central	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)	0 (0)	1 (2)	0 (0)	0 (0)
	necrosis:focal	2 (4)	0 (0)	2 (4)	0 (0)	1 (2)	0 (0)	2 (4)	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)
	collapse	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)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	degeneration:central	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)
	granulation	11 (22)	0 (0)	0 (0)	0 (0)	13 (26)	0 (0)	0 (0)	0 (0)	15 (30)	0 (0)	0 (0)	0 (0)	15 (30)	0 (0)	0 (0)	0 (0)	15 (30)	1 (2)	0 (0)	0 (0)
	scar	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 7

Organ	Findings	Group Name No. of Animals on Study				Control				20 ppm				50 ppm				125 ppm			
		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
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																					
liver	clear cell focus	<50>				2	1	1	0	2	1	1	0	1	0	0	0	3	3	1	0
		(4)	(2)	(2)	(0)	(4)	(2)	(2)	(0)	(4)	(2)	(2)	(0)	(2)	(0)	(0)	(0)	(6)	(6)	(2)	(0)
	acidophilic cell focus	0	2	1	0	0	2	1	0	1	0	1	0	0	2	0	0	2	1	1	0
		(0)	(4)	(2)	(0)	(0)	(4)	(2)	(0)	(2)	(0)	(2)	(0)	(0)	(4)	(0)	(0)	(4)	(2)	(2)	(0)
	basophilic cell focus	2	1	0	0	1	1	0	0	0	2	0	0	0	2	0	0	1	2	0	0
		(4)	(2)	(0)	(0)	(2)	(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(2)	(4)	(0)	(0)
	bile duct hyperplasia	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
	biliary cyst	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
gall bladd	hyperplasia:epithelium	<50>				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)	(0)	(0)	(0)	(0)
{Urinary system}																					
kidney	cyst	<50>				1	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0
		(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 8

Organ	Findings	Group Name No. of Animals on Study Grade	Control				20 ppm				50 ppm				125 ppm			
			50				50				50				50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney			<50>				<50>				<50>				<50>			
	hyaline droplet		3 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)
	deposit of amyloid		0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	inflammatory infiltration		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)	0 (0)
	lymphocytic infiltration		1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	scar		1 (2)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)
	inflammatory polyp		0 (0)	0 (0)	2 (4)	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)
	hydronephrosis		0 (0)	1 (2)	1 (2)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	2 (4)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	3 (6)	1 (2)
	mineralization:cortex		1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)

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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 9

Organ	Findings	Group Name No. of Animals on Study				Control				20 ppm				50 ppm				125 ppm			
		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
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																					
kidney	regeneration:proximal tubule	<50>				<50>				<50>				<50>				<50>			
		1	0	0	0	0	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)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	hemorrhage:papilla	<50>				<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
urin bladd	dilatation	<50>				<50>				<50>				<50>				<50>			
		0	0	3	0	0	0	3	0	2	0	4	0	0	0	5	0	0	0	5	0
		(0)	(0)	(6)	(0)	(0)	(0)	(6)	(0)	(4)	(0)	(8)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(0)	(0)
	ulcer	<50>				<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)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	simple hyperplasia:transitional epithelium	<50>				<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	xanthogranuloma	<50>				<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Endocrine system}																					
pituitary	hyperplasia	<50>				<50>				<50>				<50>				<50>			
		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 10

Organ	Findings	Group Name No. of Animals on Study Grade	Control				20 ppm				50 ppm				125 ppm			
			50				50				50				50			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
{Endocrine system}																		
pituitary	Rathke pouch		<50>				<50>				<50>				<50>			
		2 (4)	0 (0)	0 (0)	0 (0)	5 (10)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)	7 (14)	0 (0)	0 (0)	0 (0)	
thyroid	cyst		<50>				<50>				<50>				<50>			
		4 (8)	0 (0)	0 (0)	0 (0)	3 (6)	1 (2)	0 (0)	0 (0)	4 (8)	0 (0)	0 (0)	0 (0)	4 (8)	0 (0)	0 (0)	0 (0)	
	C-cell hyperplasia	21 (42)	0 (0)	0 (0)	0 (0)	22 (44)	0 (0)	0 (0)	0 (0)	23 (46)	0 (0)	0 (0)	0 (0)	22 (44)	0 (0)	0 (0)	0 (0)	
parathyroid	cyst		<50>				<50>				<50>				<50>			
		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)	
adrenal	deposit of amyloid		<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)	
	spindle-cell hyperplasia	24 (48)	0 (0)	0 (0)	0 (0)	29 (58)	0 (0)	0 (0)	0 (0)	28 (56)	1 (2)	0 (0)	0 (0)	27 (54)	0 (0)	0 (0)	0 (0)	
		hyperplasia:cortical cell	8 (16)	3 (6)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 * (0)	1 (2)	0 (0)	0 (0)	0 ** (0)	4 (8)	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. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 11

Organ	Findings	Group Name No. of Animals on Study Grade	Control				20 ppm				50 ppm				125 ppm			
			50				50				50				50			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
{Reproductive system}																		
testis	atrophy		<50>				<50>				<50>				<50>			
		6 (12)	5 (10)	0 (0)	0 (0)	5 (10)	2 (4)	0 (0)	0 (0)	5 (10)	2 (4)	0 (0)	0 (0)	5 (10)	3 (6)	0 (0)	0 (0)	
	mineralization		23 (46)	0 (0)	0 (0)	0 (0)	18 (36)	0 (0)	0 (0)	0 (0)	29 (58)	0 (0)	0 (0)	0 (0)	25 (50)	0 (0)	0 (0)	0 (0)
epididymis	spermatogenic granuloma		<50>				<50>				<50>				<50>			
		3 (6)	0 (0)	0 (0)	0 (0)	3 (6)	3 (6)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)	
prostate	inflammation		<50>				<50>				<50>				<50>			
		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	
prep/cli gl	duct ectasia		<50>				<50>				<50>				<50>			
		0 (0)	1 (2)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	
		inflammation		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)
{Nervous system}																		
brain	mineralization		<50>				<50>				<50>				<50>			
		22 (44)	0 (0)	0 (0)	0 (0)	21 (42)	0 (0)	0 (0)	0 (0)	29 (58)	0 (0)	0 (0)	0 (0)	20 (40)	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. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 12

Organ	Findings	Group Name No. of Animals on Study Grade	Control				20 ppm				50 ppm				125 ppm			
			50				50				50				50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Special sense organs/appendage}																		
eye			<50>				<50>				<50>				<50>			
	keratitis		0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	mineralization:cornea		0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
Harder gl			<50>				<50>				<50>				<50>			
	lymphocytic infiltration		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia		1	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
{Musculoskeletal system}																		
muscle			<50>				<50>				<50>				<50>			
	mineralization		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)	(4)	(0)	(0)	(0)
{Body cavities}																		
adipose			<50>				<50>				<50>				<50>			
	granulation		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

TABLE L2

HISTOPATHOLOGICAL FINDINGS :
NON-NEOPLASTIC LESIONS : MALE
DEAD AND MORIBUND ANIMALS

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name No. of Animals on Study Grade	Control				20 ppm				50 ppm				125 ppm			
			11				18				18				11			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																		
skin/app																		
	ulcer		<11>				<18>				<18>				<11>			
			0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0
			(0)	(0)	(0)	(0)	(6)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(9)	(0)	(0)
	erosion		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	squamous cell hyperplasia		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(9)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	scab		1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
			(9)	(9)	(9)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
subcutis																		
	inflammation		<11>				<18>				<18>				<11>			
			0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	xanthogranuloma		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)
{Respiratory system}																		
nasal cavit																		
	eosinophilic change:olfactory epithelium		<11>				<18>				<18>				<11>			
			7	0	0	0	11	0	0	0	9	2	0	0	4	1	0	0
			(64)	(0)	(0)	(0)	(61)	(0)	(0)	(0)	(50)	(11)	(0)	(0)	(36)	(9)	(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. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 2

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	11				18				18				11			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
nasal cavit			<11>				<18>				<18>				<11>			
	eosinophilic change:respiratory epithelium		3	0	0	0	3	0	0	0	6	0	0	0	3	0	0	0
			(27)	(0)	(0)	(0)	(17)	(0)	(0)	(0)	(33)	(0)	(0)	(0)	(27)	(0)	(0)	(0)
	respiratory metaplasia:olfactory epithelium		1	0	0	0	3	0	0	0	2	0	0	0	1	0	0	0
			(9)	(0)	(0)	(0)	(17)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(9)	(0)	(0)	(0)
	respiratory metaplasia:gland		3	0	0	0	7	1	0	0	10	0	0	0	4	0	0	0
			(27)	(0)	(0)	(0)	(39)	(6)	(0)	(0)	(56)	(0)	(0)	(0)	(36)	(0)	(0)	(0)
	atrophy:olfactory epithelium		1	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0
			(9)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(9)	(0)	(0)	(0)
lung			<11>				<18>				<18>				<11>			
	hemorrhage		0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	edema		3	0	0	0	1	0	0	0	2	1	0	0	0	0	0	0
			(27)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(11)	(6)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory infiltration		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)	(9)	(0)	(0)	(0)	
	uremic pneumonitis		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)	(9)	(0)	(0)	(0)	

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

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 3

Organ	Findings	Group Name No. of Animals on Study				Control				20 ppm				50 ppm				125 ppm			
		Grade				11				18				18				11			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Hematopoietic system}																					
bone marrow		<11>				<18>				<18>				<11>							
	granulopoiesis:increased	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
lymph node		<11>				<18>				<18>				<11>							
	lymphadenitis	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
spleen		<11>				<18>				<18>				<11>							
	increased extramedullary hematopoiesis	0	4	1	0	5	5	1	0	1	5	0	0	2	2	1	0	2	2	1	0
		(0)	(36)	(9)	(0)	(28)	(28)	(6)	(0)	(6)	(28)	(0)	(0)	(18)	(18)	(9)	(0)	(18)	(18)	(9)	(0)
		<11>				<18>				<18>				<11>							
	follicular hyperplasia	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Circulatory system}																					
heart		<11>				<18>				<18>				<11>							
	mineralization	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(17)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
		<11>				<18>				<18>				<11>							
	myocardial fibrosis	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 4

Organ	Findings	Group Name No. of Animals on Study				Control				20 ppm				50 ppm				125 ppm			
		Grade				11				18				18				11			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Circulatory system}																					
heart		<11>				<18>				<18>				<11>							
	arteritis	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Digestive system}																					
tongue		<11>				<18>				<18>				<11>							
	arteritis	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
stomach		<11>				<18>				<18>				<11>							
	hyperplasia:forestomach	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(9)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	erosion:glandular stomach	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia:glandular stomach	0	0	0	0	2	0	0	0	3	0	0	0	2	0	0	0	2	0	0	0
		(0)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(17)	(0)	(0)	(0)	(18)	(0)	(0)	(0)	(18)	(0)	(0)	(0)
liver		<11>				<18>				<18>				<11>							
	angiectasis	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
 < a > a : Number of animals examined at the site
 b 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. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 5

Organ	Findings	Group Name No. of Animals on Study				Control				20 ppm				50 ppm				125 ppm			
		Grade				11				18				18				11			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																					
liver		<11>				<18>				<18>				<11>							
	hemorrhage	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	necrosis:central	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
		(0)	(9)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(9)	(0)	(0)
	necrosis:focal	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(9)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(9)	(0)	(0)	(0)
	collapse	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)
	acidophilic cell focus	0	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		(0)	(9)	(9)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)
	bile duct hyperplasia	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)
	biliary cyst	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

{Urinary system}

kidney		<11>				<18>				<18>				<11>							
	cyst	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 6

Organ	Findings	Group Name No. of Animals on Study				Control 11				20 ppm 18				50 ppm 18				125 ppm 11			
		Grade																			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																					
kidney		<11>				<18>				<18>				<11>							
	hyaline droplet	2	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0
		(18)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(6)	(0)	(0)	(18)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory infiltration	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory polyp	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0
		(0)	(0)	(9)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(9)	(9)	(0)	(0)	(0)
	hydronephrosis	0	0	1	0	0	0	2	0	2	0	1	0	0	0	2	1	0	0	2	1
		(0)	(0)	(9)	(0)	(0)	(0)	(11)	(0)	(11)	(0)	(6)	(0)	(0)	(0)	(18)	(9)	(0)	(0)	(0)	(0)
	mineralization:cortex	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hemorrhage:papilla	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
urin bladd		<11>				<18>				<18>				<11>							
	dilatation	0	0	2	0	0	0	2	0	0	0	4	0	0	0	4	0	0	0	4	0
		(0)	(0)	(18)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(22)	(0)	(0)	(0)	(36)	(0)	(0)	(0)	(0)	(0)
	ulcer	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 7

Organ	Findings	Group Name No. of Animals on Study Grade	Control				20 ppm				50 ppm				125 ppm			
			11				18				18				11			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
urin bladd	xanthogranuloma		<11>				<18>				<18>				<11>			
			0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)
{Endocrine system}																		
pituitary	Rathke pouch		<11>				<18>				<18>				<11>			
			0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
thyroid	cyst		<11>				<18>				<18>				<11>			
			0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(9)	(0)	(0)	(0)
	C-cell hyperplasia		1	0	0	0	2	0	0	0	3	0	0	0	2	0	0	0
			(9)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(17)	(0)	(0)	(0)	(18)	(0)	(0)	(0)
adrenal	spindle-cell hyperplasia		<11>				<18>				<18>				<11>			
			4	0	0	0	8	0	0	0	6	0	0	0	6	0	0	0
			(36)	(0)	(0)	(0)	(44)	(0)	(0)	(0)	(33)	(0)	(0)	(0)	(55)	(0)	(0)	(0)
	hyperplasia:cortical cell		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)	(9)	(0)	(0)	(0)

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

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 8

Organ	Findings	Group Name No. of Animals on Study				Control				20 ppm				50 ppm				125 ppm			
		Grade				11				18				18				11			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																					
testis	atrophy	<11>				0	1	0	0	<18>				0	0	0	0	<18>			
		(0)	(9)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(18)	(0)	(0)	(0)
	mineralization	<11>				5	0	0	0	<18>				9	0	0	0	<11>			
		(45)	(0)	(0)	(0)	(22)	(0)	(0)	(0)	(50)	(0)	(0)	(0)	(27)	(0)	(0)	(0)	(27)	(0)	(0)	(0)
epididymis	spermatogenic granuloma	<11>				1	0	0	0	<18>				1	0	0	0	<11>			
		(9)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
prostate	inflammation	<11>				0	0	0	0	<18>				0	0	0	0	<11>			
		(0)	(0)	(0)	(0)	(0)	(0)	(6)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
prep/cli gl	duct ectasia	<11>				0	0	0	0	<18>				0	1	0	0	<11>			
		(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)
{Nervous system}																					
brain	mineralization	<11>				2	0	0	0	<18>				7	0	0	0	<11>			
		(18)	(0)	(0)	(0)	(44)	(0)	(0)	(0)	(39)	(0)	(0)	(0)	(27)	(0)	(0)	(0)	(27)	(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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 9

Organ	Findings	Group Name No. of Animals on Study Grade	Control				20 ppm				50 ppm				125 ppm			
			11				18				18				11			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

{Special sense organs/appendage}

eye	mineralization:cornea	<11>				<18>				<18>				<11>			
		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

{Musculoskeletal system}

muscle	mineralization	<11>				<18>				<18>				<11>			
		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

(HPT150)

BAIS4

TABLE L3

HISTOPATHOLOGICAL FINDINGS :
NON-NEOPLASTIC LESIONS : MALE
SACRIFICED ANIMALS

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 1

Organ	Findings	Control 39				20 ppm 32				50 ppm 32				125 ppm 39			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																	
skin/app		<39>				<32>				<32>				<39>			
	ulcer	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)
	erosion	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
subcutis	scab	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
		(3)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)
	epidermal cyst	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)
	inflammation	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)
	xanthogranuloma	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)	(3)	(0)	(0)	(0)	(3)	(0)	(0)
{Respiratory system}																	
nasal cavit		<39>				<32>				<32>				<39>			
	eosinophilic change:olfactory epithelium	17	0	0	0	21	0	0	0	15	0	0	0	15	1	0	0
		(44)	(0)	(0)	(0)	(66)	(0)	(0)	(0)	(47)	(0)	(0)	(0)	(38)	(3)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name No. of Animals on Study Grade	Control 39				20 ppm 32				50 ppm 32				125 ppm 39			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
nasal cavit			<39>				<32>				<32>				<39>			
	eosinophilic change:respiratory epithelium		15	0	0	0	12	0	0	0	11	0	0	0	17	0	0	0
			(38)	(0)	(0)	(0)	(38)	(0)	(0)	(0)	(34)	(0)	(0)	(0)	(44)	(0)	(0)	(0)
	respiratory metaplasia:olfactory epithelium		11	0	0	0	10	0	0	0	7	0	0	0	9	0	0	0
			(28)	(0)	(0)	(0)	(31)	(0)	(0)	(0)	(22)	(0)	(0)	(0)	(23)	(0)	(0)	(0)
	respiratory metaplasia:gland		18	1	0	0	16	1	0	0	15	2	0	0	18	0	0	0
			(46)	(3)	(0)	(0)	(50)	(3)	(0)	(0)	(47)	(6)	(0)	(0)	(46)	(0)	(0)	(0)
	atrophy:olfactory epithelium		1	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0
			(3)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
lung			<39>				<32>				<32>				<39>			
	hemorrhage		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)	(5)	(0)	(0)	(0)
	inflammatory infiltration		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	lymphocytic infiltration		1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
	bronchiolar-alveolar cell hyperplasia		1	0	0	0	3	1	0	0	0	2	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(9)	(3)	(0)	(0)	(0)	(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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
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HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 SACRIFICED ANIMALS (105W)

PAGE : 3

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	39				32				32				39			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
{Respiratory system}																		
lung			<39>				<32>				<32>				<39>			
	uremic pneumonitis		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
{Hematopoietic system}																		
bone marrow			<39>				<32>				<32>				<39>			
	thrombus		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	atrophy:focal		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	granulation		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
lymph node			<39>				<32>				<32>				<39>			
	lymphadenitis		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
spleen			<39>				<32>				<32>				<39>			
	angiectasis		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 4

		Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study															
		Grade															
Organ	Findings	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Hematopoietic system}																	
spleen		<39>				<32>				<32>				<39>			
	increased extramedullary hematopoiesis	4	3	0	0	2	3	0	0	5	1	0	0	4	6	0	0
		(10)	(8)	(0)	(0)	(6)	(9)	(0)	(0)	(16)	(3)	(0)	(0)	(10)	(15)	(0)	(0)
	follicular hyperplasia	0	1	0	0	3	0	1	0	1	1	1	0	2	1	0	0
		(0)	(3)	(0)	(0)	(9)	(0)	(3)	(0)	(3)	(3)	(3)	(0)	(5)	(3)	(0)	(0)
{Circulatory system}																	
heart		<39>				<32>				<32>				<39>			
	myocardial fibrosis	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	arteritis	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Digestive system}																	
stomach		<39>				<32>				<32>				<39>			
	hyperplasia:forestomach	1	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0
		(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(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. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 5

Organ	Findings	Control 39				20 ppm 32				50 ppm 32				125 ppm 39			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																	
stomach		<39>				<32>				<32>				<39>			
	erosion:glandular stomach	4	0	0	0	3	0	0	0	0	0	0	0	1	0	0	0
		(10)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
		<39>				<32>				<32>				<39>			
	hyperplasia:glandular stomach	11	15	0	0	14	10	0	0	14	9	0	0	13	11	0	0
		(28)	(38)	(0)	(0)	(44)	(31)	(0)	(0)	(44)	(28)	(0)	(0)	(33)	(28)	(0)	(0)
small intes		<39>				<32>				<32>				<39>			
	inflammation	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)
liver		<39>				<32>				<32>				<39>			
	angiectasis	1	0	1	0	0	0	0	0	2	1	0	0	1	1	0	0
		(3)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(6)	(3)	(0)	(0)	(3)	(3)	(0)	(0)
		<39>				<32>				<32>				<39>			
	hemorrhage	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
		<39>				<32>				<32>				<39>			
	necrosis:focal	1	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0
		(3)	(0)	(5)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
		<39>				<32>				<32>				<39>			
	degeneration:central	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 6

Organ	Findings	Control 39				20 ppm 32				50 ppm 32				125 ppm 39			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																	
liver		<39>				<32>				<32>				<39>			
	granulation	11	0	0	0	13	0	0	0	15	0	0	0	15	1	0	0
		(28)	(0)	(0)	(0)	(41)	(0)	(0)	(0)	(47)	(0)	(0)	(0)	(38)	(3)	(0)	(0)
	scar	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	clear cell focus	2	1	1	0	2	1	1	0	1	0	0	0	3	3	1	0
		(5)	(3)	(3)	(0)	(6)	(3)	(3)	(0)	(3)	(0)	(0)	(0)	(8)	(8)	(3)	(0)
	acidophilic cell focus	0	1	0	0	0	0	1	0	0	1	0	0	2	1	1	0
		(0)	(3)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(3)	(0)	(0)	(5)	(3)	(3)	(0)
	basophilic cell focus	2	1	0	0	1	1	0	0	0	2	0	0	1	2	0	0
		(5)	(3)	(0)	(0)	(3)	(3)	(0)	(0)	(0)	(6)	(0)	(0)	(3)	(5)	(0)	(0)
	biliary cyst	0 ²	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
gall bladd		<39>				<32>				<32>				<39>			
	hyperplasia:epithelium	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Urinary system}																	
kidney		<39>				<32>				<32>				<39>			
	cyst	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0
		(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 7

Organ	Findings	Group Name No. of Animals on Study Grade	Control 39				20 ppm 32				50 ppm 32				125 ppm 39			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney			<39>				<32>				<32>				<39>			
	hyaline droplet		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	deposit of amyloid		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory infiltration		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
	lymphocytic infiltration		1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	scar		1	0	0	0	2	0	0	0	2	0	0	0	3	0	0	0
			(3)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(8)	(0)	(0)	(0)
	inflammatory polyp		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hydronephrosis		0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
			(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)
	mineralization:cortex		1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(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. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 8

Organ	Findings	Group Name No. of Animals on Study Grade	Control 39				20 ppm 32				50 ppm 32				125 ppm 39			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney	regeneration:proximal tubule		<39>				<32>				<32>				<39>			
			1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
urin bladd	dilatation		<39>				<32>				<32>				<39>			
			0	0	1	0	0	0	1	0	2	0	0	0	0	0	1	0
			(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(3)	(0)
	simple hyperplasia:transitional epithelium		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
{Endocrine system}																		
pituitary	hyperplasia		<39>				<32>				<32>				<39>			
			0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	Rathke pouch		2	0	0	0	3	0	0	0	3	0	0	0	7	0	0	0
			(5)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(18)	(0)	(0)	(0)
thyroid	cyst		<39>				<32>				<32>				<39>			
			4	0	0	0	3	0	0	0	4	0	0	0	3	0	0	0
			(10)	(0)	(0)	(0)	(9)	(0)	(0)	(0)	(13)	(0)	(0)	(0)	(8)	(0)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 9

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	39				32				32				39			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}																		
thyroid	C-cell hyperplasia		<39>				<32>				<32>				<39>			
		20	0	0	0	20	0	0	0	20	0	0	0	20	0	0	0	
		(51)	(0)	(0)	(0)	(63)	(0)	(0)	(0)	(63)	(0)	(0)	(0)	(51)	(0)	(0)	(0)	
parathyroid	cyst		<39>				<32>				<32>				<39>			
		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
		(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
adrenal	deposit of amyloid		<39>				<32>				<32>				<39>			
		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)		
	spindle-cell hyperplasia		20	0	0	0	21	0	0	0	22	1	0	0	21	0	0	0
		(51)	(0)	(0)	(0)	(66)	(0)	(0)	(0)	(69)	(3)	(0)	(0)	(54)	(0)	(0)	(0)	
	hyperplasia:cortical cell		8	3	0	0	2	0	0	0 *	1	0	0	0 *	3	0	0	0 *
		(21)	(8)	(0)	(0)	(6)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	
{Reproductive system}																		
testis	atrophy		<39>				<32>				<32>				<39>			
		6	4	0	0	5	2	0	0	5	2	0	0	3	3	0	0	
	(15)	(10)	(0)	(0)	(16)	(6)	(0)	(0)	(16)	(6)	(0)	(0)	(8)	(8)	(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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 10

Organ	Findings	Group Name No. of Animals on Study				Control				20 ppm				50 ppm				125 ppm			
		Grade				39				32				32				39			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																					
testis	mineralization	<39>				<32>				<32>				<39>				<39>			
		18	0	0	0	14	0	0	0	20	0	0	0	22	0	0	0	22	0	0	0
		(46)	(0)	(0)	(0)	(44)	(0)	(0)	(0)	(63)	(0)	(0)	(0)	(56)	(0)	(0)	(0)	(56)	(0)	(0)	(0)
epididymis	spermatogenic granuloma	<39>				<32>				<32>				<39>				<39>			
		2	0	0	0	3	3	0	0	0	0	0	0	1	1	0	0	3	3	0	0
		(5)	(0)	(0)	(0)	(9)	(9)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(3)	(0)	(0)	(3)	(3)	(0)	(0)
prep/cli gl	duct ectasia	<39>				<32>				<32>				<39>				<39>			
		0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		(0)	(3)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammation	<39>				<32>				<32>				<39>				<39>			
		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
{Nervous system}																					
brain	mineralization	<39>				<32>				<32>				<39>				<39>			
		20	0	0	0	13	0	0	0	22	0	0	0	17	0	0	0	44	0	0	0
		(51)	(0)	(0)	(0)	(41)	(0)	(0)	(0)	(69)	(0)	(0)	(0)	(44)	(0)	(0)	(0)	(44)	(0)	(0)	(0)
{Special sense organs/appendage}																					
eye	keratitis	<39>				<32>				<32>				<39>				<39>			
		0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(3)	(0)	(0)	(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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 11

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	39				32				32				39			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Special sense organs/appendage}																		
eye	mineralization:cornea		<39>				<32>				<32>				<39>			
		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
Harder gl	lymphocytic infiltration		<39>				<32>				<32>				<39>			
		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
				(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia		1	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(3)	(0)	(0)	(0)
{Musculoskeletal system}																		
muscle	mineralization		<39>				<32>				<32>				<39>			
		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)	(5)	(0)	(0)	(0)
{Body cavities}																		
adipose	granulation		<39>				<32>				<32>				<39>			
		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

TABLE L4

HISTOPATHOLOGICAL FINDINGS :
NON-NEOPLASTIC LESIONS : FEMALE
ALL ANIMALS

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 13

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	50				50				50				50			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
{Integumentary system/appandage}																		
skin/app			<50>				<50>				<50>				<50>			
	squamous cell hyperplasia		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	scab		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
{Respiratory system}																		
nasal cavit			<50>				<50>				<50>				<50>			
	mineralization		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	eosinophilic change:olfactory epithelium		22	1	0	0	26	0	0	0	27	2	0	0	34	1	0	0 *
			(44)	(2)	(0)	(0)	(52)	(0)	(0)	(0)	(54)	(4)	(0)	(0)	(68)	(2)	(0)	(0)
	eosinophilic change:respiratory epithelium		36	6	0	0	35	4	1	0	39	8	0	0	34	12	0	0
			(72)	(12)	(0)	(0)	(70)	(8)	(2)	(0)	(78)	(16)	(0)	(0)	(68)	(24)	(0)	(0)
	inflammation:foreign body		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	respiratory metaplasia:olfactory epithelium		9	0	0	0	7	0	0	0	1	0	0	0 *	6	0	0	0
			(18)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(12)	(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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 14

Organ	Findings	Group Name	Control				20 ppm				50 ppm				125 ppm					
		No. of Animals on Study	50				50				50				50					
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)		
{Respiratory system}																				
nasal cavit			<50>				<50>				<50>				<50>					
	respiratory metaplasia:gland	28 (56)	0 (0)	0 (0)	0 (0)	0 (0)	39 (78)	1 (2)	0 (0)	0 (0)	0 (0)	41 (82)	0 (0)	0 (0)	0 (0)	0 (0)	33 (66)	0 (0)	0 (0)	0 (0)
	hyperplasia:transitional epithelium	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)	1 (2)	0 (0)	0 (0)	0 (0)
	atrophy:olfactory epithelium	4 (8)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)
trachea			<50>				<50>				<50>				<50>					
	eosinophilic change	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)
lung			<50>				<50>				<50>				<50>					
	hemorrhage	0 (0)	0 (0)	0 (0)	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)
	lymphocytic infiltration	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	bronchiolar-alveolar cell hyperplasia	2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)	2 (4)	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 ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 15

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ	Findings		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
lung			<50>				<50>				<50>				<50>			
	uremic pneumonitis		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)
{Hematopoietic system}																		
bone marrow			<50>				<50>				<50>				<50>			
	granulation		1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
lymph node			<50>				<50>				<50>				<50>			
	lymphadenitis		0	1	0	0	2	0	0	0	0	1	0	0	0	0	0	0
			(0)	(2)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
spleen			<50>				<50>				<50>				<50>			
	increased extramedullary hematopoiesis		3	10	1	0	5	11	0	0	6	10	0	0	1	12	0	0
			(6)	(20)	(2)	(0)	(10)	(22)	(0)	(0)	(12)	(20)	(0)	(0)	(2)	(24)	(0)	(0)
	follicular hyperplasia		3	0	0	0	0	2	0	0	0	2	0	0	4	2	0	0
			(6)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(8)	(4)	(0)	(0)
{Circulatory system}																		
heart			<50>				<50>				<50>				<50>			
	dilatation		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)

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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 16

Organ	Findings	Group Name No. of Animals on Study Grade	Control				20 ppm				50 ppm				125 ppm			
			50				50				50				50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Circulatory system}																		
heart			<50>				<50>				<50>				<50>			
	thrombus		1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	mineralization		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	lymphocytic infiltration		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	arteritis		0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)
{Digestive system}																		
tongue			<50>				<50>				<50>				<50>			
	arteritis		0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
stomach			<50>				<50>				<50>				<50>			
	hyperplasia:forestomach		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)	(2)	(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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Chi Square

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 17

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	50				50				50				50			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
stomach			<50>				<50>				<50>				<50>			
	erosion:glandular stomach		2	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0
			(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	hyperplasia:glandular stomach		4	1	0	0	8	1	0	0	6	1	0	0	3	2	0	0
			(8)	(2)	(0)	(0)	(16)	(2)	(0)	(0)	(12)	(2)	(0)	(0)	(6)	(4)	(0)	(0)
liver			<50>				<50>				<50>				<50>			
	angiectasis		0	2	0	0	4	0	0	0 *	4	0	0	0 *	2	0	0	0
			(0)	(4)	(0)	(0)	(8)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	necrosis:central		0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
	necrosis:focal		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	degeneration:central		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
	lymphocytic infiltration		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	granulation		14	0	0	0	20	1	0	0	17	0	0	0	18	0	0	0
			(28)	(0)	(0)	(0)	(40)	(2)	(0)	(0)	(34)	(0)	(0)	(0)	(36)	(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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 18

Organ	Findings	Group Name No. of Animals on Study				Control				20 ppm				50 ppm				125 ppm			
		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
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																					
liver		<50>				<50>				<50>				<50>				<50>			
	inflammatory cell nest	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)
	scar	0 (0)	0 (0)	0 (0)	0 (0)	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)
	extramedullary hematopoiesis	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (4)	0 (0)	0 (0)	0 (0)
	clear cell focus	1 (2)	1 (2)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)	2 (4)	4 (8)	0 (0)	0 (0)	2 (4)	4 (8)	0 (0)	0 (0)	1 (2)	1 (2)	1 (2)	0 (0)
	acidophilic cell focus	3 (6)	0 (0)	0 (0)	0 (0)	1 (2)	1 (2)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	0 (0)	3 (6)	0 (0)	0 (0)	1 (2)	2 (4)	1 (2)	0 (0)
	bile duct hyperplasia	2 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	biliary cyst	1 (2)	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)
	xanthogranuloma	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	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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 SEX : FEMALE

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

PAGE : 19

Organ	Findings	Group Name No. of Animals on Study				Control				20 ppm				50 ppm				125 ppm			
		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
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																					
kidney		<50>				<50>				<50>				<50>				<50>			
	cyst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	hyaline droplet	14	0	0	0	11	0	0	0	12	0	0	0	11	0	0	0	11	0	0	0
		(28)	(0)	(0)	(0)	(22)	(0)	(0)	(0)	(24)	(0)	(0)	(0)	(22)	(0)	(0)	(0)	(22)	(0)	(0)	(0)
	deposit of amyloid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)
	hyaline cast	3	1	0	0	4	0	0	0	2	0	0	0	3	0	0	0	3	0	0	0
		(6)	(2)	(0)	(0)	(8)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(6)	(0)	(0)	(0)
	lymphocytic infiltration	5	0	0	0	8	3	0	0	2	0	0	0	7	1	0	0	7	1	0	0
		(10)	(0)	(0)	(0)	(16)	(6)	(0)	(0)	(4)	(0)	(0)	(0)	(14)	(2)	(0)	(0)	(14)	(2)	(0)	(0)
	scar	2	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	inflammatory polyp	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	0	0
		(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(2)	(0)	(0)
	hydronephrosis	0	0	3	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	0
		(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(2)	(2)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 20

Organ	Findings	Group Name No. of Animals on Study Grade	Control 50				20 ppm 50				50 ppm 50				125 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney	papillary necrosis		<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)
urin bladd	dilatation		<50>				<50>				<50>				<50>			
			0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
			(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)
{Endocrine system}																		
pituitary	angiectasis		<50>				<49>				<50>				<50>			
			6	0	0	0	1	1	0	0	1	0	0	0	1	0	0	0
			(12)	(0)	(0)	(0)	(2)	(2)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	hyperplasia		9	3	2	0	7	2	1	0	4	2	1	0	8	4	0	0
			(18)	(6)	(4)	(0)	(14)	(4)	(2)	(0)	(8)	(4)	(2)	(0)	(16)	(8)	(0)	(0)
	Rathke pouch		1	0	0	0	1	0	0	0	1	0	0	0	3	0	0	0
			(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(6)	(0)	(0)	(0)
thyroid	cyst		<50>				<50>				<50>				<50>			
			3	0	0	0	1	0	0	0	2	0	0	0	4	2	0	0
			(6)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(8)	(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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 21

Organ	Findings	Group Name No. of Animals on Study				Control				20 ppm				50 ppm				125 ppm			
		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>			
	C-cell hyperplasia	23	0	0	0	30	0	0	0	26	0	0	0	26	0	0	0	26	0	0	0
		(46)	(0)	(0)	(0)	(60)	(0)	(0)	(0)	(52)	(0)	(0)	(0)	(52)	(0)	(0)	(0)	(52)	(0)	(0)	(0)
adrenal		<50>				<50>				<50>				<50>				<50>			
	thrombus	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	extramedullary hematopoiesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
	spindle-cell hyperplasia	17	25	0	0	22	26	0	0	19	26	1	0	24	19	0	0	24	19	0	0
		(34)	(50)	(0)	(0)	(44)	(52)	(0)	(0)	(38)	(52)	(2)	(0)	(48)	(38)	(0)	(0)	(48)	(38)	(0)	(0)
	focal fatty change:cortex	1	0	0	0	0	0	0	0	1	0	0	0	5	0	0	0	5	0	0	0
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(10)	(0)	(0)	(0)
	focal hyperplasia	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(2)	(0)	(0)	(0)
{Reproductive system}																					
ovary		<50>				<50>				<50>				<50>				<50>			
	thrombus	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 22

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	50				50				50				50			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																		
ovary	cyst		<50>				<50>				<50>				<50>			
		6	0	0	0	7	0	0	0	4	1	0	0	7	0	0	0	
		(12)	(0)	(0)	(0)	(14)	(0)	(0)	(0)	(8)	(2)	(0)	(0)	(14)	(0)	(0)	(0)	
uterus	cystic endometrial hyperplasia		<50>				<50>				<50>				<50>			
		16	5	0	0	16	5	0	0	14	9	0	0	14	6	0	0	
		(32)	(10)	(0)	(0)	(32)	(10)	(0)	(0)	(28)	(18)	(0)	(0)	(28)	(12)	(0)	(0)	
{Nervous system}																		
brain	hemorrhage		<50>				<50>				<50>				<50>			
		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
	vacuolic change		<50>				<50>				<50>				<50>			
0		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
	mineralization		<50>				<50>				<50>				<50>			
		12	0	0	0	13	0	0	0	14	0	0	0	9	0	0	0	
		(24)	(0)	(0)	(0)	(26)	(0)	(0)	(0)	(28)	(0)	(0)	(0)	(18)	(0)	(0)	(0)	
{Special sense organs/appendage}																		
eye	keratitis		<50>				<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)	

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 23

Organ	Findings	Group Name No. of Animals on Study				Control				20 ppm				50 ppm				125 ppm			
		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
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Special sense organs/appendage}																					
eye		<50>				<50>				<50>				<50>				<50>			
	phthisis bulbi	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	mineralization:cornea	8	0	0	0	2	0	0	0	1	0	0	0 *	3	0	0	0	3	0	0	0
		(16)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(6)	(0)	(0)	(0)
Harder gl		<50>				<50>				<50>				<50>				<50>			
	inflammation	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	lymphocytic infiltration	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0
		(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	hyperplasia	1	0	0	0	2	0	0	0	0	1	0	0	2	0	0	0	2	0	0	0
		(2)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
{Musculoskeletal system}																					
muscle		<50>				<50>				<50>				<50>				<50>			
	mineralization	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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 L5

HISTOPATHOLOGICAL FINDINGS :
NON-NEOPLASTIC LESIONS : FEMALE
DEAD AND MORIBUND ANIMALS

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 10

Organ	Findings	Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	32				19				26				24			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																		
skin/app			<32>				<19>				<26>				<24>			
	squamous cell hyperplasia	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	
	scab	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)		
{Respiratory system}																		
nasal cavit			<32>				<19>				<26>				<24>			
	mineralization	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
	eosinophilic change:olfactory epithelium	9	0	0	0	7	0	0	0	12	1	0	0	12	1	0	0	
		(28)	(0)	(0)	(0)	(37)	(0)	(0)	(0)	(46)	(4)	(0)	(0)	(50)	(4)	(0)	(0)	
	eosinophilic change:respiratory epithelium	21	4	0	0	10	3	0	0	19	5	0	0	16	5	0	0	
		(66)	(13)	(0)	(0)	(53)	(16)	(0)	(0)	(73)	(19)	(0)	(0)	(67)	(21)	(0)	(0)	
respiratory metaplasia:olfactory epithelium	5	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0		
	(16)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(13)	(0)	(0)	(0)		
respiratory metaplasia:gland	14	0	0	0	14	0	0	0	20	0	0	0 *	14	0	0	0		
	(44)	(0)	(0)	(0)	(74)	(0)	(0)	(0)	(77)	(0)	(0)	(0)	(58)	(0)	(0)	(0)		

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 11

Organ	Findings	Group Name No. of Animals on Study Grade	Control				20 ppm				50 ppm				125 ppm			
			32				19				26				24			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
{Respiratory system}																		
nasal cavit			<32>				<19>				<26>				<24>			
	atrophy:olfactory epithelium		2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
lung			<32>				<19>				<26>				<24>			
	bronchiolar-alveolar cell hyperplasia		0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
			(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)
	uremic pneumonitis		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Hematopoietic system}																		
bone marrow			<32>				<19>				<26>				<24>			
	granulation		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
lymph node			<32>				<19>				<26>				<24>			
	lymphadenitis		0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)
spleen			<32>				<19>				<26>				<24>			
	increased extramedullary hematopoiesis		3	10	1	0	0	9	0	0	5	9	0	0	0	10	0	0
			(9)	(31)	(3)	(0)	(0)	(47)	(0)	(0)	(19)	(35)	(0)	(0)	(0)	(42)	(0)	(0)

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

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

b : Number of animals with lesion

(c) c : b / a * 100

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Crj[Crlj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 12

Organ	Findings	Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	32				19				26				24			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
<hr/>																		
{Hematopoietic system}																		
spleen			<32>				<19>				<26>				<24>			
	follicular hyperplasia		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)
{Circulatory system}																		
heart			<32>				<19>				<26>				<24>			
	dilatation		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)
	thrombus		1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	mineralization		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	arteritis		0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
			(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)
{Digestive system}																		
tongue			<32>				<19>				<26>				<24>			
	arteritis		0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)

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

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 13

Organ	Findings	Group Name No. of Animals on Study Grade	Control 32				20 ppm 19				50 ppm 26				125 ppm 24			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
stomach			<32>				<19>				<26>				<24>			
	hyperplasia:forestomach		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)
	erosion:glandular stomach		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia:glandular stomach		0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)
liver			<32>				<19>				<26>				<24>			
	angiectasis		0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(12)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	necrosis:central		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	necrosis:focal		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	degeneration:central		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	granulation		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 14

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	32				19				26				24			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
liver			<32>				<19>				<26>				<24>			
	acidophilic cell focus		2	0	0	0	1	1	0	0	0	3	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(5)	(5)	(0)	(0)	(0)	(12)	(0)	(0)	(0)	(0)	(0)	(0)
{Urinary system}																		
kidney			<32>				<19>				<26>				<24>			
	cyst		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	
	hyaline droplet		14	0	0	0	8	0	0	0	10	0	0	0	8	0	0	0
			(44)	(0)	(0)	(0)	(42)	(0)	(0)	(0)	(38)	(0)	(0)	(0)	(33)	(0)	(0)	(0)
	deposit of amyloid		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)
	hyaline cast		0	1	0	0	3	0	0	0	2	0	0	0	0	0	0	0
			(0)	(3)	(0)	(0)	(16)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	lymphocytic infiltration		0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	scar		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 15

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	32				19				26				24			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney			<32>				<19>				<26>				<24>			
	inflammatory polyp		0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0
			(0)	(3)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)
	hydronephrosis		0	0	3	0	0	0	0	0	0	0	1	0	0	1	1	0
			(0)	(0)	(9)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(4)	(4)	(0)
urin bladd			<32>				<19>				<26>				<24>			
	dilatation		0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
			(0)	(0)	(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)
{Endocrine system}																		
pituitary			<32>				<18>				<26>				<24>			
	angiectasis		5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(16)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia		3	2	0	0	2	1	1	0	0	0	0	0	2	1	0	0
			(9)	(6)	(0)	(0)	(11)	(6)	(6)	(0)	(0)	(0)	(0)	(0)	(8)	(4)	(0)	(0)
	Rathke pouch		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 16

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	32				19				26				24			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}																		
thyroid			<32>				<19>				<26>				<24>			
	cyst		1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	C-cell hyperplasia		6	0	0	0	5	0	0	0	9	0	0	0	5	0	0	0
			(19)	(0)	(0)	(0)	(26)	(0)	(0)	(0)	(35)	(0)	(0)	(0)	(21)	(0)	(0)	(0)
adrenal			<32>				<19>				<26>				<24>			
	thrombus		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	extramedullary hematopoiesis		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	
	spindle-cell hyperplasia		13	12	0	0	12	5	0	0	14	11	0	0	15	3	0	0
			(41)	(38)	(0)	(0)	(63)	(26)	(0)	(0)	(54)	(42)	(0)	(0)	(63)	(13)	(0)	(0)
{Reproductive system}																		
ovary			<32>				<19>				<26>				<24>			
	thrombus		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe
< a > a : Number of animals examined at the site
b 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. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 17

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	32				19				26				24			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																		
ovary			<32>				<19>				<26>				<24>			
	cyst		2	0	0	0	1	0	0	0	2	0	0	0	3	0	0	0
			(6)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(13)	(0)	(0)	(0)
uterus			<32>				<19>				<26>				<24>			
	cystic endometrial hyperplasia		8	2	0	0	2	0	0	0	4	2	0	0	4	0	0	0
			(25)	(6)	(0)	(0)	(11)	(0)	(0)	(0)	(15)	(8)	(0)	(0)	(17)	(0)	(0)	(0)
{Nervous system}																		
brain			<32>				<19>				<26>				<24>			
	hemorrhage		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	vacuolic change		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	mineralization		8	0	0	0	2	0	0	0	5	0	0	0	5	0	0	0
			(25)	(0)	(0)	(0)	(11)	(0)	(0)	(0)	(19)	(0)	(0)	(0)	(21)	(0)	(0)	(0)
{Special sense organs/appendage}																		
eye			<32>				<19>				<26>				<24>			
	keratitis		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 18

Organ	Findings	Group Name No. of Animals on Study Grade	Control				20 ppm				50 ppm				125 ppm			
			32				19				26				24			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

{Special sense organs/appendage}

eye	phthisis bulbi	<32>				<19>				<26>				<24>			
		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	mineralization:cornea	4	0	0	0	1	0	0	0	0	0	0	0	3	0	0	0
		(13)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(13)	(0)	(0)	(0)
Harder gl	lymphocytic infiltration	<32>				<19>				<26>				<24>			
		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(5)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	hyperplasia	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)

{Musculoskeletal system}

muscle	mineralization	<32>				<19>				<26>				<24>			
		1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

TABLE L6

HISTOPATHOLOGICAL FINDINGS :
NON-NEOPLASTIC LESIONS : FEMALE
SACRIFICED ANIMALS

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 12

Organ	Findings	Group Name No. of Animals on Study Grade	Control 18				20 ppm 31				50 ppm 24				125 ppm 26			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																		
skin/app			<18>				<31>				<24>				<26>			
	squamous cell hyperplasia		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Respiratory system}																		
nasal cavit			<18>				<31>				<24>				<26>			
	eosinophilic change:olfactory epithelium		13	1	0	0	19	0	0	0	15	1	0	0	22	0	0	0
			(72)	(6)	(0)	(0)	(61)	(0)	(0)	(0)	(63)	(4)	(0)	(0)	(85)	(0)	(0)	(0)
	eosinophilic change:respiratory epithelium		15	2	0	0	25	1	1	0	20	3	0	0	18	7	0	0
			(83)	(11)	(0)	(0)	(81)	(3)	(3)	(0)	(83)	(13)	(0)	(0)	(69)	(27)	(0)	(0)
	inflammation:foreign body		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	respiratory metaplasia:olfactory epithelium		4	0	0	0	7	0	0	0	0	0	0	0	3	0	0	0
			(22)	(0)	(0)	(0)	(23)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(12)	(0)	(0)	(0)
	respiratory metaplasia:gland		14	0	0	0	25	1	0	0	21	0	0	0	19	0	0	0
			(78)	(0)	(0)	(0)	(81)	(3)	(0)	(0)	(88)	(0)	(0)	(0)	(73)	(0)	(0)	(0)
	hyperplasia:transitional epithelium		0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 13

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	18				31				24				26			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
nasal cavit			<18>				<31>				<24>				<26>			
	atrophy:olfactory epithelium		2	0	0	0	1	0	0	0	1	0	0	0	2	0	0	0
			(11)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(8)	(0)	(0)	(0)
trachea			<18>				<31>				<24>				<26>			
	eosinophilic change		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
lung			<18>				<31>				<24>				<26>			
	hemorrhage		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	lymphocytic infiltration		1	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	bronchiolar-alveolar cell hyperplasia		2	0	0	0	1	1	0	0	0	3	0	0	2	0	0	0
			(11)	(0)	(0)	(0)	(3)	(3)	(0)	(0)	(0)	(13)	(0)	(0)	(8)	(0)	(0)	(0)
{Hematopoietic system}																		
bone marrow			<18>				<31>				<24>				<26>			
	granulation		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 14

Organ	Findings	Group Name No. of Animals on Study Grade	Control 18				20 ppm 31				50 ppm 24				125 ppm 26			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Hematopoietic system}																		
lymph node	lymphadenitis		<18>				<31>				<24>				<26>			
			0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			(0)	(6)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
spleen	increased extramedullary hematopoiesis		<18>				<31>				<24>				<26>			
			0	0	0	0	5	2	0	0	1	1	0	0	1	2	0	0
			(0)	(0)	(0)	(0)	(16)	(6)	(0)	(0)	(4)	(4)	(0)	(0)	(4)	(8)	(0)	(0)
	follicular hyperplasia		3	0	0	0	0	2	0	0 *	0	1	0	0	4	2	0	0
			(17)	(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(4)	(0)	(0)	(15)	(8)	(0)	(0)
{Circulatory system}																		
heart	lymphocytic infiltration		<18>				<31>				<24>				<26>			
			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
{Digestive system}																		
stomach	hyperplasia:forestomach		<18>				<31>				<24>				<26>			
			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)	(4)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 15

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	18				31				24				26			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
stomach			<18>				<31>				<24>				<26>			
	erosion:glandular stomach		1 (6)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)
	hyperplasia:glandular stomach		4 (22)	1 (6)	0 (0)	0 (0)	7 (23)	1 (3)	0 (0)	0 (0)	6 (25)	0 (0)	0 (0)	0 (0)	3 (12)	2 (8)	0 (0)	0 (0)
liver			<18>				<31>				<24>				<26>			
	angiectasis		0 (0)	2 (11)	0 (0)	0 (0)	4 (13)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	2 (8)	0 (0)	0 (0)	0 (0)
	necrosis:central		0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	lymphocytic infiltration		0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	granulation		13 (72)	0 (0)	0 (0)	0 (0)	20 (65)	1 (3)	0 (0)	0 (0)	17 (71)	0 (0)	0 (0)	0 (0)	18 (69)	0 (0)	0 (0)	0 (0)
	inflammatory cell nest		1 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	scar		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 (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 ; * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Chi Square

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 16

Organ_____	Findings_____	Group Name				Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study				18				31				24				26			
		Grade																			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)			

{Digestive system}

liver	extramedullary hematopoiesis		<18>				<31>				<24>				<26>			
			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)	(8)	(0)	(0)	(0)
	clear cell focus		1	1	0	0	1	1	0	0	2	4	0	0	1	1	1	0
			(6)	(6)	(0)	(0)	(3)	(3)	(0)	(0)	(8)	(17)	(0)	(0)	(4)	(4)	(4)	(0)
	acidophilic cell focus		1	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(8)	(4)	(0)
	bile duct hyperplasia		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(11)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	biliary cyst		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(6)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	xanthogranuloma		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			(0)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

{Urinary system}

kidney	hyaline droplet		<18>				<31>				<24>				<26>			
			0	0	0	0	3	0	0	0	2	0	0	0	3	0	0	0
			(0)	(0)	(0)	(0)	(10)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	(12)	(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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 17

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	18				31				24				26			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney			<18>				<31>				<24>				<26>			
	hyaline cast		3	0	0	0	1	0	0	0	0	0	0	0	3	0	0	0
			(17)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(12)	(0)	(0)	(0)
	lymphocytic infiltration		5	0	0	0	7	3	0	0	1	0	0	0	7	1	0	0
			(28)	(0)	(0)	(0)	(23)	(10)	(0)	(0)	(4)	(0)	(0)	(0)	(27)	(4)	(0)	(0)
	scar		1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
		(6)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
	inflammatory polyp		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)	(4)	(0)	(0)	(0)
	papillary necrosis		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)	(4)	(0)	(0)	(0)
{Endocrine system}																		
pituitary			<18>				<31>				<24>				<26>			
	angiectasis		1	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0
			(6)	(0)	(0)	(0)	(0)	(3)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
	hyperplasia		6	1	2	0	5	1	0	0	4	2	1	0	6	3	0	0
			(33)	(6)	(11)	(0)	(16)	(3)	(0)	(0)	(17)	(8)	(4)	(0)	(23)	(12)	(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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 18

Organ	Findings	Group Name No. of Animals on Study Grade	Control 18				20 ppm 31				50 ppm 24				125 ppm 26			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Endocrine system}																		
pituitary	Rathke pouch		<18>				<31>				<24>				<26>			
			1	0	0	0	1	0	0	0	0	0	0	0	3	0	0	0
			(6)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(12)	(0)	(0)	(0)
thyroid	cyst		<18>				<31>				<24>				<26>			
			2	0	0	0	1	0	0	0	1	0	0	0	3	2	0	0
			(11)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(12)	(8)	(0)	(0)
	C-cell hyperplasia		17	0	0	0	25	0	0	0	17	0	0	0	21	0	0	0
			(94)	(0)	(0)	(0)	(81)	(0)	(0)	(0)	(71)	(0)	(0)	(0)	(81)	(0)	(0)	(0)
adrenal	spindle-cell hyperplasia		<18>				<31>				<24>				<26>			
			4	13	0	0	10	21	0	0	5	15	1	0	9	16	0	0
			(22)	(72)	(0)	(0)	(32)	(68)	(0)	(0)	(21)	(63)	(4)	(0)	(35)	(62)	(0)	(0)
	focal fatty change:cortex		1	0	0	0	0	0	0	0	1	0	0	0	5	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(19)	(0)	(0)	(0)
	focal 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)	(4)	(0)	(0)	(0)
{Reproductive system}																		
ovary	cyst		<18>				<31>				<24>				<26>			
			4	0	0	0	6	0	0	0	2	1	0	0	4	0	0	0
			(22)	(0)	(0)	(0)	(19)	(0)	(0)	(0)	(8)	(4)	(0)	(0)	(15)	(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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
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HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 SACRIFICED ANIMALS (105W)

PAGE : 19

		Group Name	Control				20 ppm				50 ppm				125 ppm			
		No. of Animals on Study	18				31				24				26			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																		
uterus			<18>				<31>				<24>				<26>			
	cystic endometrial hyperplasia		8	3	0	0	14	5	0	0	10	7	0	0	10	6	0	0
			(44)	(17)	(0)	(0)	(45)	(16)	(0)	(0)	(42)	(29)	(0)	(0)	(38)	(23)	(0)	(0)
{Nervous system}																		
brain			<18>				<31>				<24>				<26>			
	mineralization		4	0	0	0	11	0	0	0	9	0	0	0	4	0	0	0
			(22)	(0)	(0)	(0)	(35)	(0)	(0)	(0)	(38)	(0)	(0)	(0)	(15)	(0)	(0)	(0)
{Special sense organs/appendage}																		
eye			<18>				<31>				<24>				<26>			
	keratitis		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)	(4)	(0)	(0)	(0)
	mineralization:cornea		4	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0 *
			(22)	(0)	(0)	(0)	(3)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Harder gl			<18>				<31>				<24>				<26>			
	inflammation		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 20

Organ	Findings	Group Name No. of Animals on Study Grade	Control 18				20 ppm 31				50 ppm 24				125 ppm 26			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

{Special sense organs/appendage}

Harder gl		<18>				<31>				<24>				<26>			
	lymphocytic infiltration	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)	(8)	(0)	(0)	(0)
	hyperplasia	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0
		(0)	(0)	(0)	(0)	(6)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(8)	(0)	(0)	(0)

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

(HPT150)

BAIS4

TABLE M1

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

Time-related Weeks	Items	Group Name	Control	20 ppm	50 ppm	125 ppm
0 - 52	NO. OF EXAMINED ANIMALS		0	0	0	0
	NO. OF ANIMALS WITH TUMORS		0	0	0	0
	NO. OF ANIMALS WITH SINGLE TUMORS		0	0	0	0
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0
	NO. OF BENIGN TUMORS		0	0	0	0
	NO. OF MALIGNANT TUMORS		0	0	0	0
	NO. OF TOTAL TUMORS		0	0	0	0
53 - 78	NO. OF EXAMINED ANIMALS		1	2	0	3
	NO. OF ANIMALS WITH TUMORS		0	2	0	1
	NO. OF ANIMALS WITH SINGLE TUMORS		0	2	0	1
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0
	NO. OF BENIGN TUMORS		0	0	0	0
	NO. OF MALIGNANT TUMORS		0	2	0	1
	NO. OF TOTAL TUMORS		0	2	0	1
79 - 104	NO. OF EXAMINED ANIMALS		10	16	18	8
	NO. OF ANIMALS WITH TUMORS		10	12	14	7
	NO. OF ANIMALS WITH SINGLE TUMORS		7	4	9	6
	NO. OF ANIMALS WITH MULTIPLE TUMORS		3	8	5	1
	NO. OF BENIGN TUMORS		3	8	9	3
	NO. OF MALIGNANT TUMORS		11	15	14	5
	NO. OF TOTAL TUMORS		14	23	23	8
105 - 105	NO. OF EXAMINED ANIMALS		39	32	32	39
	NO. OF ANIMALS WITH TUMORS		31	18	23	33
	NO. OF ANIMALS WITH SINGLE TUMORS		18	5	14	12
	NO. OF ANIMALS WITH MULTIPLE TUMORS		13	13	9	21
	NO. OF BENIGN TUMORS		27	17	19	33
	NO. OF MALIGNANT TUMORS		19	18	17	35
	NO. OF TOTAL TUMORS		46	35	36	68

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 2

Time-related Weeks	Items	Group Name	Control	20 ppm	50 ppm	125 ppm
0 - 105	NO. OF EXAMINED ANIMALS		50	50	50	50
	NO. OF ANIMALS WITH TUMORS		41	32	37	41
	NO. OF ANIMALS WITH SINGLE TUMORS		25	11	23	19
	NO. OF ANIMALS WITH MULTIPLE TUMORS		16	21	14	22
	NO. OF BENIGN TUMORS		30	25	28	36
	NO. OF MALIGNANT TUMORS		30	35	31	41
	NO. OF TOTAL TUMORS		60	60	59	77

(HPT070)

BAIS4

TABLE M2

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 3

Time-related Weeks	Items	Group Name	Control	20 ppm	50 ppm	125 ppm
0 - 52	NO. OF EXAMINED ANIMALS		0	0	0	1
	NO. OF ANIMALS WITH TUMORS		0	0	0	0
	NO. OF ANIMALS WITH SINGLE TUMORS		0	0	0	0
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0
	NO. OF BENIGN TUMORS		0	0	0	0
	NO. OF MALIGNANT TUMORS		0	0	0	0
	NO. OF TOTAL TUMORS		0	0	0	0
53 - 78	NO. OF EXAMINED ANIMALS		5	4	7	6
	NO. OF ANIMALS WITH TUMORS		5	4	6	5
	NO. OF ANIMALS WITH SINGLE TUMORS		5	2	5	5
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	2	1	0
	NO. OF BENIGN TUMORS		0	2	1	0
	NO. OF MALIGNANT TUMORS		5	4	6	5
	NO. OF TOTAL TUMORS		5	6	7	5
79 - 104	NO. OF EXAMINED ANIMALS		27	15	19	17
	NO. OF ANIMALS WITH TUMORS		26	14	18	17
	NO. OF ANIMALS WITH SINGLE TUMORS		19	12	12	13
	NO. OF ANIMALS WITH MULTIPLE TUMORS		7	2	6	4
	NO. OF BENIGN TUMORS		8	4	8	6
	NO. OF MALIGNANT TUMORS		25	12	16	18
	NO. OF TOTAL TUMORS		33	16	24	24
105 - 105	NO. OF EXAMINED ANIMALS		18	31	24	26
	NO. OF ANIMALS WITH TUMORS		12	23	14	22
	NO. OF ANIMALS WITH SINGLE TUMORS		10	13	9	12
	NO. OF ANIMALS WITH MULTIPLE TUMORS		2	10	5	10
	NO. OF BENIGN TUMORS		9	20	13	17
	NO. OF MALIGNANT TUMORS		5	18	8	19
	NO. OF TOTAL TUMORS		14	38	21	36

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 4

Time-related Weeks	Items	Group Name	Control	20 ppm	50 ppm	125 ppm
0 - 105	NO. OF EXAMINED ANIMALS		50	50	50	50
	NO. OF ANIMALS WITH TUMORS		43	41	38	44
	NO. OF ANIMALS WITH SINGLE TUMORS		34	27	26	30
	NO. OF ANIMALS WITH MULTIPLE TUMORS		9	14	12	14
	NO. OF BENIGN TUMORS		17	26	22	23
	NO. OF MALIGNANT TUMORS		35	34	30	42
	NO. OF TOTAL TUMORS		52	60	52	65

(HPT070)

BAIS4

TABLE N1

HISTOPATHOLOGICAL FINDINGS :
NEOPLASTIC LESIONS : MALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name No. of animals on Study	Control 50	20 ppm 50	50 ppm 50	125 ppm 50
{Integumentary system/appandage}						
subcutis			<50>	<50>	<50>	<50>
	fibroma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
	hemangioma		1 (2%)	1 (2%)	1 (2%)	0 (0%)
	leiomyosarcoma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
	histiocytic sarcoma		0 (0%)	1 (2%)	1 (2%)	1 (2%)
{Respiratory system}						
nasal cavit			<50>	<50>	<50>	<50>
	adenoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
lung			<50>	<50>	<50>	<50>
	bronchiolar-alveolar adenoma		6 (12%)	4 (8%)	6 (12%)	8 (16%)
	bronchiolar-alveolar carcinoma		2 (4%)	7 (14%)	13 (26%)	16 (32%)
{Hematopoietic system}						
bone marrow			<50>	<50>	<50>	<50>
	hemangioma		0 (0%)	0 (0%)	1 (2%)	1 (2%)
	histiocytic sarcoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
	malignant lymphoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
lymph node			<50>	<50>	<50>	<50>
	malignant lymphoma		14 (28%)	5 (10%)	4 (8%)	7 (14%)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name No. of animals on Study	Control 50	20 ppm 50	50 ppm 50	125 ppm 50
{Hematopoietic system}						
spleen			<50>	<50>	<50>	<50>
	hemangioma		1 (2%)	2 (4%)	4 (8%)	0 (0%)
	malignant lymphoma		1 (2%)	1 (2%)	0 (0%)	0 (0%)
	mastcytoma:malignant		0 (0%)	0 (0%)	1 (2%)	1 (2%)
	hemangiosarcoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
{Digestive system}						
stomach			<50>	<50>	<50>	<50>
	squamous cell papilloma		0 (0%)	0 (0%)	0 (0%)	2 (4%)
liver			<50>	<50>	<50>	<50>
	hemangioma		1 (2%)	2 (4%)	1 (2%)	2 (4%)
	hepatocellular adenoma		12 (24%)	13 (26%)	11 (22%)	20 (40%)
	osteosarcoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
	histiocytic sarcoma		1 (2%)	0 (0%)	2 (4%)	1 (2%)
	sarcoma:NOS		0 (0%)	1 (2%)	0 (0%)	0 (0%)
	hemangiosarcoma		2 (4%)	5 (10%)	5 (10%)	1 (2%)
	hepatocellular carcinoma		7 (14%)	10 (20%)	3 (6%)	9 (18%)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 3

Organ	Findings	Group Name No. of animals on Study	Control 50	20 ppm 50	50 ppm 50	125 ppm 50
{Digestive system}						
liver			<50>	<50>	<50>	<50>
	hepatoblastoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
gall bladd			<50>	<50>	<50>	<50>
	papillary adenoma		3 (6%)	1 (2%)	0 (0%)	1 (2%)
pancreas			<50>	<50>	<50>	<50>
	islet cell adenoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
{Urinary system}						
urin bladd			<50>	<50>	<50>	<50>
	histiocytic sarcoma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
{Endocrine system}						
pituitary			<50>	<50>	<50>	<50>
	adenoma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
{Reproductive system}						
testis			<50>	<50>	<50>	<50>
	seminoma:malignant		1 (2%)	0 (0%)	0 (0%)	0 (0%)
epididymis			<50>	<50>	<50>	<50>
	histiocytic sarcoma		0 (0%)	0 (0%)	0 (0%)	2 (4%)
prep/cli gl			<50>	<50>	<50>	<50>
	xanthoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
{Nervous system}						
periph nerv			<50>	<50>	<50>	<50>
	histiocytic sarcoma		0 (0%)	0 (0%)	1 (2%)	0 (0%)

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

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : MALE

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

PAGE : 4

Organ	Findings	Group Name No. of animals on Study	Control 50	20 ppm 50	50 ppm 50	125 ppm 50
{Special sense organs/appendage}						
Harder gl	adenoma		<50> 4 (8%)	<50> 1 (2%)	<50> 4 (8%)	<50> 0 (0%)
{Musculoskeletal system}						
muscle	hemangiosarcoma		<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)	<50> 1 (2%)
bone	osteosarcoma		<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)
{Body cavities}						
mediastinum	histiocytic sarcoma		<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)

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

(HPT085)

BAIS4

TABLE N2

**HISTOPATHOLOGICAL FINDINGS :
NEOPLASTIC LESIONS : FEMALE**

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 5

Organ	Findings	Group Name No. of animals on Study	Control 50	20 ppm 50	50 ppm 50	125 ppm 50
{Integumentary system/appandage}						
subcutis			<50>	<50>	<50>	<50>
	fibroma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
	hemangioma		0 (0%)	0 (0%)	1 (2%)	0 (0%)
	fibrosarcoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
	leiomyosarcoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
	histiocytic sarcoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
	sarcoma:NOS		0 (0%)	0 (0%)	1 (2%)	0 (0%)
{Respiratory system}						
lung			<50>	<50>	<50>	<50>
	bronchiolar-alveolar adenoma		4 (8%)	5 (10%)	6 (12%)	3 (6%)
	bronchiolar-alveolar carcinoma		1 (2%)	0 (0%)	0 (0%)	2 (4%)
{Hematopoietic system}						
bone marrow			<50>	<50>	<50>	<50>
	hemangioma		0 (0%)	0 (0%)	1 (2%)	1 (2%)
lymph node			<50>	<50>	<50>	<50>
	malignant lymphoma		15 (30%)	11 (22%)	12 (24%)	15 (30%)
spleen			<50>	<50>	<50>	<50>
	hemangioma		0 (0%)	2 (4%)	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. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 6

Organ	Findings	Group Name No. of animals on Study	Control 50	20 ppm 50	50 ppm 50	125 ppm 50
{Hematopoietic system}						
spleen			<50>	<50>	<50>	<50>
	malignant lymphoma		3 (6%)	3 (6%)	3 (6%)	4 (8%)
	hemangiosarcoma		0 (0%)	0 (0%)	1 (2%)	0 (0%)
{Circulatory system}						
heart			<50>	<50>	<50>	<50>
	hemangiosarcoma		0 (0%)	0 (0%)	1 (2%)	0 (0%)
{Digestive system}						
stomach			<50>	<50>	<50>	<50>
	mastcytoma:malignant		0 (0%)	0 (0%)	0 (0%)	1 (2%)
small intes			<50>	<50>	<50>	<50>
	adenocarcinoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
large intes			<50>	<50>	<50>	<50>
	leiomyoma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
liver			<50>	<50>	<50>	<50>
	hemangioma		3 (6%)	4 (8%)	2 (4%)	6 (12%)
	hepatocellular adenoma		4 (8%)	3 (6%)	1 (2%)	2 (4%)
	histiocytic sarcoma		1 (2%)	1 (2%)	1 (2%)	0 (0%)
	hemangiosarcoma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
	hepatocellular carcinoma		0 (0%)	2 (4%)	1 (2%)	1 (2%)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 7

Organ	Findings	Group Name No. of animals on Study	Control 50	20 ppm 50	50 ppm 50	125 ppm 50
{Digestive system}						
gall bladd			<50>	<50>	<50>	<50>
	papillary adenoma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
{Urinary system}						
urin bladd			<50>	<50>	<50>	<50>
	hemangioma		0 (0%)	1 (2%)	0 (0%)	0 (0%)
{Endocrine system}						
pituitary			<50>	<49>	<50>	<50>
	adenoma		4 (8%)	6 (12%)	7 (14%)	3 (6%)
	adenocarcinoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
adrenal			<50>	<50>	<50>	<50>
	cortical adenoma		1 (2%)	0 (0%)	0 (0%)	0 (0%)
{Reproductive system}						
ovary			<50>	<50>	<50>	<50>
	cystadenoma		0 (0%)	0 (0%)	1 (2%)	1 (2%)
	hemangioma		0 (0%)	1 (2%)	0 (0%)	1 (2%)
	papillary adenoma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
	dermoid cyst		0 (0%)	0 (0%)	1 (2%)	0 (0%)
uterus			<50>	<50>	<50>	<50>
	endometrial stromal polyp		0 (0%)	0 (0%)	1 (2%)	1 (2%)

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 8

Organ	Findings	Group Name No. of animals on Study	Control 50	20 ppm 50	50 ppm 50	125 ppm 50
{Reproductive system}						
uterus	histiocytic sarcoma		<50> 10 (20%)	<50> 14 (28%)	<50> 8 (16%)	<50> 15 (30%)
	hemangiosarcoma		0 (0%)	0 (0%)	1 (2%)	0 (0%)
mammary gl	adenocarcinoma		<50> 1 (2%)	<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)
{Nervous system}						
brain	glioma		<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)
{Special sense organs/appendage}						
eye	melanoma:malignant		<50> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)	<50> 1 (2%)
	adenoma		<50> 1 (2%)	<50> 1 (2%)	<50> 1 (2%)	<50> 1 (2%)
{Body cavities}						
peritoneum	hemangioma		<50> 0 (0%)	<50> 2 (4%)	<50> 0 (0%)	<50> 0 (0%)
	liposarcoma		0 (0%)	0 (0%)	0 (0%)	1 (2%)
retroperit	leiomyosarcoma		<50> 1 (2%)	<50> 0 (0%)	<50> 0 (0%)	<50> 0 (0%)

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

TABLE O1

NEOPLASTIC LESIONS-INCIDENCE
AND STATISTICAL ANALYSIS : MALE

STUDY No. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 1

Group Name	Control	20 ppm	50 ppm	125 ppm
SITE : lung TUMOR : bronchiolar-alveolar adenoma				
Tumor rate				
Overall rates(a)	6/50(12.0)	4/50(8.0)	6/50(12.0)	8/50(16.0)
Adjusted rates(b)	15.38	10.53	17.14	18.18
Terminal rates(c)	6/39(15.4)	1/32(3.1)	5/32(15.6)	7/39(17.9)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.1641			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.3359			
Fisher Exact test(e)		P = 0.3703	P = 0.6202	P = 0.3871
SITE : lung TUMOR : bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	2/50(4.0)	7/50(14.0)	13/50(26.0)	16/50(32.0)
Adjusted rates(b)	5.13	12.50	28.13	38.46
Terminal rates(c)	2/39(5.1)	4/32(12.5)	9/32(28.1)	15/39(38.5)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5009			
Prevalence method(d)	P = 0.0001**			
Combined analysis(d)	P = 0.0005**			
Cochran-Armitage test(e)	P = 0.0004**			
Fisher Exact test(e)		P = 0.0798	P = 0.0019**	P = 0.0002**
SITE : lung TUMOR : bronchiolar-alveolar adenoma, bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	7/50(14.0)	10/50(20.0)	18/50(36.0)	23/50(46.0)
Adjusted rates(b)	17.95	18.92	41.67	53.85
Terminal rates(c)	7/39(17.9)	4/32(12.5)	13/32(40.6)	21/39(53.8)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5009			
Prevalence method(d)	P = 0.0001**			
Combined analysis(d)	P = 0.0002**			
Cochran-Armitage test(e)	P = 0.0002**			
Fisher Exact test(e)		P = 0.2977	P = 0.0099**	P = 0.0004**

STUDY No. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 2

Group Name	Control	20 ppm	50 ppm	125 ppm
SITE : lymph node TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	14/50(28.0)	5/50(10.0)	4/50(8.0)	7/50(14.0)
Adjusted rates(b)	17.95	12.50	6.25	12.82
Terminal rates(c)	7/39(17.9)	4/32(12.5)	2/32(6.3)	5/39(12.8)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.9044			
Prevalence method(d)	P = 0.6819			
Combined analysis(d)	P = 0.8883			
Cochran-Armitage test(e)	P = 0.2305			
Fisher Exact test(e)		P = 0.0198*	P = 0.0087**	P = 0.0698
SITE : spleen TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	1/50(2.0)	2/50(4.0)	4/50(8.0)	0/50(0.0)
Adjusted rates(b)	2.56	5.41	11.76	0.0
Terminal rates(c)	1/39(2.6)	1/32(3.1)	3/32(9.4)	0/39(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.7910			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.4120			
Fisher Exact test(e)		P = 0.5000	P = 0.1811	P = 0.5000
SITE : spleen TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	2/50(4.0)	2/50(4.0)	4/50(8.0)	0/50(0.0)
Adjusted rates(b)	5.13	5.41	11.76	0.0
Terminal rates(c)	2/39(5.1)	1/32(3.1)	3/32(9.4)	0/39(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.8767			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.2543			
Fisher Exact test(e)		P = 0.6913	P = 0.3389	P = 0.2475

STUDY No. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 3

Group Name	Control	20 ppm	50 ppm	125 ppm
SITE : liver TUMOR : hepatocellular adenoma				
Tumor rate				
Overall rates(a)	12/50(24.0)	13/50(26.0)	11/50(22.0)	20/50(40.0)
Adjusted rates(b)	28.21	34.29	27.78	51.28
Terminal rates(c)	11/39(28.2)	10/32(31.3)	8/32(25.0)	20/39(51.3)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.0308*			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.0544			
Fisher Exact test(e)		P = 0.5000	P = 0.5000	P = 0.0664
SITE : liver TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	2/50(4.0)	5/50(10.0)	5/50(10.0)	1/50(2.0)
Adjusted rates(b)	5.13	7.14	6.25	2.56
Terminal rates(c)	2/39(5.1)	1/32(3.1)	2/32(6.3)	1/39(2.6)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.6694			
Prevalence method(d)	P = 0.7593			
Combined analysis(d)	P = 0.8095			
Cochran-Armitage test(e)	P = 0.3376			
Fisher Exact test(e)		P = 0.2180	P = 0.2180	P = 0.5000
SITE : liver TUMOR : hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	7/50(14.0)	10/50(20.0)	3/50(6.0)	9/50(18.0)
Adjusted rates(b)	16.67	21.88	6.25	21.43
Terminal rates(c)	5/39(12.8)	7/32(21.9)	2/32(6.3)	8/39(20.5)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.7106			
Prevalence method(d)	P = 0.3286			
Combined analysis(d)	P = 0.4204			
Cochran-Armitage test(e)	P = 0.7956			
Fisher Exact test(e)		P = 0.2977	P = 0.1589	P = 0.3929

STUDY No. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 4

Group Name	Control	20 ppm	50 ppm	125 ppm
SITE : liver TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	3/50(6.0)	7/50(14.0)	6/50(12.0)	3/50(6.0)
Adjusted rates(b)	7.14	11.90	9.38	7.69
Terminal rates(c)	2/39(5.1)	2/32(6.3)	3/32(9.4)	3/39(7.7)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.6694			
Prevalence method(d)	P = 0.5924			
Combined analysis(d)	P = 0.6800			
Cochran-Armitage test(e)	P = 0.5721			
Fisher Exact test(e)		P = 0.1589	P = 0.2435	P = 0.6611
SITE : liver TUMOR : hepatocellular adenoma, hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	17/50(34.0)	19/50(38.0)	14/50(28.0)	25/50(50.0)
Adjusted rates(b)	38.10	42.86	33.33	61.54
Terminal rates(c)	14/39(35.9)	13/32(40.6)	10/32(31.3)	24/39(61.5)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.7106			
Prevalence method(d)	P = 0.0342*			
Combined analysis(d)	P = 0.0552			
Cochran-Armitage test(e)	P = 0.0914			
Fisher Exact test(e)		P = 0.4176	P = 0.3329	P = 0.0779
SITE : liver TUMOR : hepatocellular adenoma, hepatocellular carcinoma, hepatoblastoma				
Tumor rate				
Overall rates(a)	17/50(34.0)	19/50(38.0)	14/50(28.0)	25/50(50.0)
Adjusted rates(b)	38.10	42.86	33.33	61.54
Terminal rates(c)	14/39(35.9)	13/32(40.6)	10/32(31.3)	24/39(61.5)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.7906			
Prevalence method(d)	P = 0.0286*			
Combined analysis(d)	P = 0.0587			
Cochran-Armitage test(e)	P = 0.0914			
Fisher Exact test(e)		P = 0.4176	P = 0.3329	P = 0.0779

STUDY No. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 5

Group Name	Control	20 ppm	50 ppm	125 ppm
SITE : gall bladder TUMOR : papillary adenoma				
Tumor rate				
Overall rates(a)	3/50(6.0)	1/50(2.0)	0/50(0.0)	1/50(2.0)
Adjusted rates(b)	7.69	3.13	0.0	2.56
Terminal rates(c)	3/39(7.7)	1/32(3.1)	0/32(0.0)	1/39(2.6)
Statistical analysis				
Peto test				
Standard method(d)	P = ———			
Prevalence method(d)	P = 0.8259			
Combined analysis(d)	P = ———			
Cochran-Armitage test(e)	P = 0.3462			
Fisher Exact test(e)		P = 0.3087	P = 0.1212	P = 0.3087
SITE : Harderian gland TUMOR : adenoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	1/50(2.0)	4/50(8.0)	0/50(0.0)
Adjusted rates(b)	10.26	3.13	9.52	0.0
Terminal rates(c)	4/39(10.3)	1/32(3.1)	2/32(6.3)	0/39(0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = ———			
Prevalence method(d)	P = 0.9446			
Combined analysis(d)	P = ———			
Cochran-Armitage test(e)	P = 0.1161			
Fisher Exact test(e)		P = 0.1811	P = 0.6425	P = 0.0587

(HPT360A)

BAIS4

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

STUDY No. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 1

Group Name	Control	20 ppm	50 ppm	125 ppm
SITE : ALL SITE TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	3/50(6.0)	5/50(10.0)	7/50(14.0)	3/50(6.0)
Adjusted rates(b)	4.76	12.50	16.67	7.14
Terminal rates(c)	1/39(2.6)	3/32(9.4)	4/32(12.5)	2/39(5.1)
Statistical analysis				
Peto test				
Standard method(d)	P = 1.0000 ?			
Prevalence method(d)	P = 0.4691			
Combined analysis(d)	P = 0.5681			
Cochran-Armitage test(e)	P = 0.7847			
Fisher Exact test(e)		P = 0.3575	P = 0.1589	P = 0.6611
SITE : ALL SITE TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	1/50(2.0)	2/50(4.0)	5/50(10.0)	5/50(10.0)
Adjusted rates(b)	0.0	0.0	3.13	7.69
Terminal rates(c)	0/39(0.0)	0/32(0.0)	1/32(3.1)	3/39(7.7)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.3425			
Prevalence method(d)	P = 0.0146*			
Combined analysis(d)	P = 0.0597			
Cochran-Armitage test(e)	P = 0.0893			
Fisher Exact test(e)		P = 0.5000	P = 0.1022	P = 0.1022
SITE : ALL SITE TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	15/50(30.0)	7/50(14.0)	4/50(8.0)	7/50(14.0)
Adjusted rates(b)	20.51	18.18	6.25	12.82
Terminal rates(c)	8/39(20.5)	5/32(15.6)	2/32(6.3)	5/39(12.8)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.9044			
Prevalence method(d)	P = 0.8344			
Combined analysis(d)	P = 0.9449			
Cochran-Armitage test(e)	P = 0.1142			
Fisher Exact test(e)		P = 0.0448*	P = 0.0047**	P = 0.0448*

STUDY No. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 2

Group Name	Control	20 ppm	50 ppm	125 ppm
SITE : ALL SITE				
TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	2/50(4.0)	6/50(12.0)	5/50(10.0)	2/50(4.0)
Adjusted rates(b)	5.13	7.14	6.25	5.13
Terminal rates(c)	2/39(5.1)	1/32(3.1)	2/32(6.3)	2/39(5.1)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.7419			
Prevalence method(d)	P = 0.5484			
Combined analysis(d)	P = 0.7074			
Cochran-Armitage test(e)	P = 0.5294			
Fisher Exact test(e)		P = 0.1343	P = 0.2180	P = 0.6913

(HPT360A)

BAIS4

- (a): Number of tumor-bearing animals/number of animals examined at the site.
 (b): Kaplan-Meier estimated tumor incidence at the end of the study after adjusting for intercurrent mortality.
 (c): Observed tumor incidence at terminal kill.
 (d): Beneath the control incidence are the P-values associated with the trend test.
 Standard method : Death analysis
 Prevalence method : Incidental tumor test
 Combined analysis : Death analysis + Incidental tumor test
 (e): The Cochran-Armitage and Fisher exact test compare directly the overall incidence rates.
 ? : The conditional probabilities of the largest and smallest possible outcomes cannot 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 O2

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

STUDY No. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 6

Group Name	Control	20 ppm	50 ppm	125 ppm
SITE : lung TUMOR : bronchiolar-alveolar adenoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	5/50(10.0)	6/50(12.0)	3/50(6.0)
Adjusted rates(b)	11.54	16.13	17.14	9.09
Terminal rates(c)	2/18(11.1)	5/31(16.1)	2/24(8.3)	2/26(7.7)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.7112			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.5938			
Fisher Exact test(e)		P = 0.5000	P = 0.3703	P = 0.5000
SITE : lung TUMOR : bronchiolar-alveolar adenoma, bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	5/50(10.0)	5/50(10.0)	6/50(12.0)	5/50(10.0)
Adjusted rates(b)	11.54	16.13	17.14	15.38
Terminal rates(c)	2/18(11.1)	5/31(16.1)	2/24(8.3)	4/26(15.4)
Statistical analysis				
Peto test				
Standard method(d)	P = 1.0000 ?			
Prevalence method(d)	P = 0.4259			
Combined analysis(d)	P = 0.5233			
Cochran-Armitage test(e)	P = 0.9952			
Fisher Exact test(e)		P = 0.6297	P = 0.5000	P = 0.6297
SITE : lymph node TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	15/50(30.0)	11/50(22.0)	12/50(24.0)	15/50(30.0)
Adjusted rates(b)	19.05	16.13	20.83	19.23
Terminal rates(c)	3/18(16.7)	5/31(16.1)	5/24(20.8)	5/26(19.2)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4074			
Prevalence method(d)	P = 0.4160			
Combined analysis(d)	P = 0.3819			
Cochran-Armitage test(e)	P = 0.7074			
Fisher Exact test(e)		P = 0.2472	P = 0.3264	P = 0.5862

STUDY No. : 0561
 ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 7

Group Name	Control	20 ppm	50 ppm	125 ppm
SITE : spleen TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	3/50(6.0)	3/50(6.0)	3/50(6.0)	4/50(8.0)
Adjusted rates(b)	0.0	9.68	4.17	11.54
Terminal rates(c)	0/18(0.0)	3/31(9.7)	1/24(4.2)	3/26(11.5)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.6945			
Prevalence method(d)	P = 0.1525			
Combined analysis(d)	P = 0.3493			
Cochran-Armitage test(e)	P = 0.6451			
Fisher Exact test(e)		P = 0.6611	P = 0.6611	P = 0.5000
SITE : liver TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	3/50(6.0)	4/50(8.0)	2/50(4.0)	6/50(12.0)
Adjusted rates(b)	11.11	9.68	5.71	12.20
Terminal rates(c)	2/18(11.1)	3/31(9.7)	1/24(4.2)	2/26(7.7)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4719			
Prevalence method(d)	P = 0.1039			
Combined analysis(d)	P = 0.1319			
Cochran-Armitage test(e)	P = 0.2611			
Fisher Exact test(e)		P = 0.5000	P = 0.5000	P = 0.2435
SITE : liver TUMOR : hepatocellular adenoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	3/50(6.0)	1/50(2.0)	2/50(4.0)
Adjusted rates(b)	16.67	8.33	4.17	7.69
Terminal rates(c)	3/18(16.7)	2/31(6.5)	1/24(4.2)	2/26(7.7)
Statistical analysis				
Peto test				
Standard method(d)	P = ———			
Prevalence method(d)	P = 0.8209			
Combined analysis(d)	P = ———			
Cochran-Armitage test(e)	P = 0.3837			
Fisher Exact test(e)		P = 0.5000	P = 0.1811	P = 0.3389

STUDY No. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 8

Group Name	Control	20 ppm	50 ppm	125 ppm
SITE : liver TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	3/50(6.0)	4/50(8.0)	2/50(4.0)	7/50(14.0)
Adjusted rates(b)	11.11	9.68	5.71	12.50
Terminal rates(c)	2/18(11.1)	3/31(9.7)	1/24(4.2)	2/26(7.7)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.2185			
Prevalence method(d)	P = 0.0967			
Combined analysis(d)	P = 0.0660			
Cochran-Armitage test(e)	P = 0.1312			
Fisher Exact test(e)		P = 0.5000	P = 0.5000	P = 0.1589
SITE : liver TUMOR : hepatocellular adenoma, hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	4/50(8.0)	2/50(4.0)	3/50(6.0)
Adjusted rates(b)	16.67	11.11	8.33	10.34
Terminal rates(c)	3/18(16.7)	3/31(9.7)	2/24(8.3)	2/26(7.7)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.6845			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.6343			
Fisher Exact test(e)		P = 0.6425	P = 0.3389	P = 0.5000
SITE : pituitary gland TUMOR : adenoma				
Tumor rate				
Overall rates(a)	4/50(8.0)	6/49(12.2)	7/50(14.0)	3/50(6.0)
Adjusted rates(b)	10.53	19.35	25.00	11.54
Terminal rates(c)	1/18(5.6)	6/31(19.4)	6/24(25.0)	3/26(11.5)
Statistical analysis				
Peto test				
Standard method(d)	P = 1.0000 ?			
Prevalence method(d)	P = 0.7083			
Combined analysis(d)	P = 0.7866			
Cochran-Armitage test(e)	P = 0.5100			
Fisher Exact test(e)		P = 0.3574	P = 0.2623	P = 0.5000

STUDY No. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 9

Group Name	Control	20 ppm	50 ppm	125 ppm
SITE : pituitary gland TUMOR : adenoma, adenocarcinoma				
Tumor rate				
Overall rates(a)	5/50(10.0)	6/49(12.2)	7/50(14.0)	3/50(6.0)
Adjusted rates(b)	15.79	19.35	25.00	11.54
Terminal rates(c)	2/18(11.1)	6/31(19.4)	6/24(25.0)	3/26(11.5)
Statistical analysis				
Peto test				
Standard method(d)	P = 1.0000 ?			
Prevalence method(d)	P = 0.7901			
Combined analysis(d)	P = 0.8518			
Cochran-Armitage test(e)	P = 0.3778			
Fisher Exact test(e)		P = 0.4856	P = 0.3798	P = 0.3575
SITE : uterus TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	10/50(20.0)	14/50(28.0)	8/50(16.0)	15/50(30.0)
Adjusted rates(b)	5.56	22.58	4.17	24.14
Terminal rates(c)	1/18(5.6)	7/31(22.6)	1/24(4.2)	6/26(23.1)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4312			
Prevalence method(d)	P = 0.1139			
Combined analysis(d)	P = 0.2036			
Cochran-Armitage test(e)	P = 0.3543			
Fisher Exact test(e)		P = 0.2415	P = 0.3976	P = 0.1779
(HPT360A)				
BAIS4				

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

STUDY No. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS—INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 3

Group Name	Control	20 ppm	50 ppm	125 ppm
SITE : ALL SITE TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	3/50(6.0)	8/50(16.0)	4/50(8.0)	9/50(18.0)
Adjusted rates(b)	11.11	16.13	12.50	21.21
Terminal rates(c)	2/18(11.1)	5/31(16.1)	3/24(12.5)	4/26(15.4)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.6883			
Prevalence method(d)	P = 0.0348*			
Combined analysis(d)	P = 0.0888			
Cochran-Armitage test(e)	P = 0.1489			
Fisher Exact test(e)		P = 0.0999	P = 0.5000	P = 0.0606
SITE : ALL SITE TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	12/50(24.0)	15/50(30.0)	9/50(18.0)	15/50(30.0)
Adjusted rates(b)	5.56	22.58	4.17	24.14
Terminal rates(c)	1/18(5.6)	7/31(22.6)	1/24(4.2)	6/26(23.1)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.6166			
Prevalence method(d)	P = 0.1183			
Combined analysis(d)	P = 0.3421			
Cochran-Armitage test(e)	P = 0.6355			
Fisher Exact test(e)		P = 0.3264	P = 0.3121	P = 0.3264
(HPT360A)				
BAIS4				

STUDY No. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 SEX : FEMALE

NEOPLASTIC LESIONS--INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 4

Group Name	Control	20 ppm	50 ppm	125 ppm
SITE : ALL SITE				
TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	18/50(36.0)	14/50(28.0)	15/50(30.0)	19/50(38.0)
Adjusted rates(b)	19.05	25.81	25.00	30.77
Terminal rates(c)	3/18(16.7)	8/31(25.8)	6/24(25.0)	8/26(30.8)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5007			
Prevalence method(d)	P = 0.2098			
Combined analysis(d)	P = 0.3265			
Cochran-Armitage test(e)	P = 0.5526			
Fisher Exact test(e)		P = 0.2603	P = 0.3355	P = 0.5000

(HPT360A)

BAIS4

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

TABLE P1

HISTOPATHOLOGICAL FINDINGS :

METASTASIS OF TUMOR :

MALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 1

		Group Name	Control	20 ppm	50 ppm	125 ppm
		No. of Animals on Study	50	50	50	50
Organ	Findings					
{Integumentary system/appandage}						
subcutis			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	1	0	0
{Respiratory system}						
nasal cavit			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	1	0	0
lung			<50>	<50>	<50>	<50>
	leukemic cell infiltration		4	3	0	2
	metastasis:liver tumor		3	2	2	0
	metastasis:bone tumor		1	0	0	0
	metastasis:muscle tumor		0	0	0	1
	metastasis:epididymis tumor		0	0	0	1
{Hematopoietic system}						
bone marrow			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	2	0	0
spleen	metastasis:subcutis tumor		0	1	0	1
			<50>	<50>	<50>	<50>
	leukemic cell infiltration		11	2	4	6
	metastasis:liver tumor		0	0	1	0
			<50>	<50>	<50>	<50>
{Circulatory system}						
heart			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	1	1

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 2

		Group Name No. of Animals on Study	Control 50	20 ppm 50	50 ppm 50	125 ppm 50
Organ	Findings					
{Digestive system}						
tongue			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	0	1
salivary gl			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	1	0	0
stomach			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	1	0	0
small intes			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	0	0
	metastasis:epididymis tumor		0	0	0	1
liver			<50>	<50>	<50>	<50>
	leukemic cell infiltration		7	4	2	1
	metastasis:subcutis tumor		0	0	1	1
	metastasis:peripheral nerve tumor		0	0	1	0
	metastasis:urinary bladder tumor		0	0	0	1
	metastasis:epididymis tumor		0	0	0	1
	metastasis:mediastinum tumor		0	0	1	0
pancreas			<50>	<50>	<50>	<50>
	metastasis:epididymis tumor		0	0	0	1
{Urinary system}						
kidney			<50>	<50>	<50>	<50>
	leukemic cell infiltration		2	1	2	0

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 3

Group Name No. of Animals on Study		Control 50	20 ppm 50	50 ppm 50	125 ppm 50
Organ	Findings				
{Urinary system}					
kidney		<50>	<50>	<50>	<50>
	metastasis:spleen tumor	0	0	0	1
urin bladd		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	1	0	0
{Endocrine system}					
pituitary		<50>	<50>	<50>	<50>
	metastasis:peripheral nerve tumor	0	0	1	0
{Reproductive system}					
epididymis		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	1	0	1
	metastasis:subcutis tumor	0	0	0	1
semin ves		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	1	0	0
	metastasis:epididymis tumor	0	0	0	1
prostate		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	1	0	1
{Nervous system}					
brain		<50>	<50>	<50>	<50>
	leukemic cell infiltration	1	0	0	0

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : MALE

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

PAGE : 4

Group Name No. of Animals on Study		Control 50	20 ppm 50	50 ppm 50	125 ppm 50
Organ	Findings				
{Nervous system}					
brain	metastasis:peripheral nerve tumor	<50> 0	<50> 0	<50> 1	<50> 0
spinal cord	leukemic cell infiltration	<50> 1	<50> 0	<50> 0	<50> 0
{Special sense organs/appendage}					
eye	leukemic cell infiltration	<50> 1	<50> 0	<50> 0	<50> 0
Harder gl	leukemic cell infiltration	<50> 2	<50> 0	<50> 0	<50> 1
{Body cavities}					
peritoneum	metastasis:liver tumor	<50> 0	<50> 0	<50> 1	<50> 0
< a > a : Number of animals examined at the site b b : Number of animals with lesion					

(JPT150)

BAIS4

TABLE P2

HISTOPATHOLOGICAL FINDINGS :

METASTASIS OF TUMOR :

FEMALE

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 5

		Group Name	Control	20 ppm	50 ppm	125 ppm
		No. of Animals on Study	50	50	50	50
Organ	Findings					
{Integumentary system/appandage}						
skin/app			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	1	1	1
subcutis			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	0	1
{Respiratory system}						
nasal cavit			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	1	0	2
	metastasis:uterus tumor		1	0	2	1
larynx			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	1	0
lung			<50>	<50>	<50>	<50>
	leukemic cell infiltration		12	9	10	14
	metastasis:liver tumor		0	0	1	1
	metastasis:uterus tumor		4	5	5	7
	metastasis:subcutis tumor		1	1	0	0
	metastasis:mammary gland tumor		1	0	1	0
	metastasis:heart tumor		0	0	1	0
{Hematopoietic system}						
bone marrow			<50>	<50>	<50>	<50>
	leukemic cell infiltration		4	3	2	5

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

STUDY NO. : 0561
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1
SEX : FEMALE

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

PAGE : 6

		Group Name No. of Animals on Study	Control 50	20 ppm 50	50 ppm 50	125 ppm 50
Organ	Findings					
{Hematopoietic system}						
bone marrow	metastasis:liver tumor		<50> 0	<50> 0	<50> 1	<50> 0
	metastasis:uterus tumor		0	5	2	3
lymph node	metastasis:uterus tumor		<50> 0	<50> 1	<50> 2	<50> 1
	metastasis:subcutis tumor		0	1	0	0
spleen	leukemic cell infiltration		<50> 10	<50> 8	<50> 8	<50> 11
	metastasis:uterus tumor		0	1	1	2
	metastasis:peritoneum tumor		0	0	0	1
	metastasis:subcutis tumor		1	0	0	0
{Circulatory system}						
heart	leukemic cell infiltration		<50> 3	<50> 0	<50> 3	<50> 4
	metastasis:liver tumor		0	0	1	0
	metastasis:uterus tumor		1	2	0	1
{Digestive system}						
tongue	leukemic cell infiltration		<50> 1	<50> 2	<50> 2	<50> 3
salivary gl	leukemic cell infiltration		<50> 6	<50> 2	<50> 2	<50> 6

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 7

Group Name No. of Animals on Study		Control 50	20 ppm 50	50 ppm 50	125 ppm 50
Organ	Findings				
{Digestive system}					
stomach		<50>	<50>	<50>	<50>
	leukemic cell infiltration	1	0	1	1
	metastasis:peritoneum tumor	0	0	0	1
	metastasis:subcutis tumor	1	0	0	0
small intes		<50>	<50>	<50>	<50>
	leukemic cell infiltration	0	0	1	3
	metastasis:peritoneum tumor	0	0	0	1
liver		<50>	<50>	<50>	<50>
	leukemic cell infiltration	11	10	12	11
	metastasis:uterus tumor	8	10	8	11
	metastasis:peritoneum tumor	0	0	0	1
	metastasis:subcutis tumor	2	0	0	0
pancreas		<50>	<50>	<50>	<50>
	leukemic cell infiltration	4	0	1	4
	metastasis:uterus tumor	0	0	1	1
	metastasis:peritoneum tumor	0	0	0	1
	metastasis:subcutis tumor	1	0	0	0
{Urinary system}					
kidney		<50>	<50>	<50>	<50>
	leukemic cell infiltration	7	7	7	8

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 8

		Group Name	Control	20 ppm	50 ppm	125 ppm
		No. of Animals on Study	50	50	50	50
Organ	Findings					
{Urinary system}						
kidney	metastasis:liver tumor		<50> 1	<50> 0	<50> 0	<50> 0
	metastasis:uterus tumor		1	9	1	4
urin bladd	leukemic cell infiltration		<50> 4	<50> 4	<50> 1	<50> 5
	metastasis:uterus tumor		1	0	0	0
{Endocrine system}						
pituitary	leukemic cell infiltration		<50> 0	<49> 1	<50> 0	<50> 0
	leukemic cell infiltration		<50> 2	<50> 0	<50> 1	<50> 3
adrenal	leukemic cell infiltration		<50> 3	<50> 1	<50> 1	<50> 7
	metastasis:uterus tumor		0	2	1	2
	metastasis:subcutis tumor		1	0	0	0
{Reproductive system}						
ovary	leukemic cell infiltration		<50> 8	<50> 5	<50> 7	<50> 7
	metastasis:liver tumor		1	0	0	0
	metastasis:uterus tumor		8	8	8	8

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 9

		Group Name No. of Animals on Study	Control 50	20 ppm 50	50 ppm 50	125 ppm 50
Organ	Findings					
{Reproductive system}						
ovary	metastasis:peritoneum tumor		<50> 0	<50> 0	<50> 0	<50> 1
	metastasis:subcutis tumor		1	0	0	0
uterus	leukemic cell infiltration		<50> 1	<50> 1	<50> 0	<50> 3
	metastasis:uterus tumor		1	0	0	0
vagina	leukemic cell infiltration		<50> 1	<50> 0	<50> 0	<50> 0
	metastasis:uterus tumor		1	0	0	0
mammary gl	leukemic cell infiltration		<50> 3	<50> 1	<50> 0	<50> 1
{Nervous system}						
brain	leukemic cell infiltration		<50> 0	<50> 0	<50> 0	<50> 2
	metastasis:subcutis tumor		0	0	1	0
	metastasis:pituitary tumor		1	0	0	0
spinal cord	leukemic cell infiltration		<50> 0	<50> 0	<50> 0	<50> 1
{Special sense organs/appendage}						
eye	leukemic cell infiltration		<50> 1	<50> 0	<50> 0	<50> 1
	Harder gl		<50> 4	<50> 5	<50> 1	<50> 7

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

STUDY NO. : 0561
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
 REPORT TYPE : A1
 SEX : FEMALE

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

PAGE : 10

		Group Name	Control	20 ppm	50 ppm	125 ppm
		No. of Animals on Study	50	50	50	50
Organ	Findings					
{Special sense organs/appendage}						
Harder gl	metastasis:uterus tumor		<50> 0	<50> 0	<50> 1	<50> 0
{Musculoskeletal system}						
muscle	leukemic cell infiltration		<50> 3	<50> 1	<50> 4	<50> 5
{Body cavities}						
pleura	leukemic cell infiltration		<50> 0	<50> 0	<50> 1	<50> 0
mediastinum	leukemic cell infiltration		<50> 0	<50> 3	<50> 0	<50> 0
peritoneum	leukemic cell infiltration		<50> 1	<50> 1	<50> 2	<50> 2
	metastasis:uterus tumor		1	0	1	0
	metastasis:subcutis tumor		1	0	0	0
< a >	a : Number of animals examined at the site					
b	b : Number of animals with lesion					

(JPT150)

BAIS4

TABLE Q

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

TABLE Q 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. (%)
Lung	1895			
Bronchiolar-alveolar adenoma 1)		165	8.7	2 - 18
Bronchiolar-alveolar carcinoma 2)		196	10.3	0 - 24
1) + 2)		361	19.1	2 - 34
Liver	1896			
Hepatocellular adenoma 1)		376	19.8	4 - 38
Hepatocellular carcinoma 2)		352	18.6	2 - 42
1) + 2)		657	34.7	8 - 68
All organ histiocytic sarcoma	1896	178	9.4	0 - 22

Thirty eight carcinogenicity studies examined in Japan Bioassay Research Center were used.

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

TABLE R

CAUSE OF DEATH OF MICE IN THE 2-YEAR
INHALATION STUDY OF 1 - BROMOBUTANE

TABLE R CAUSE OF DEATH OF MICE IN THE 2-YEAR INHALATION STUDY
OF 1-BROMOBUTANE

Group name	Male				Female			
	Control	20 ppm	50 ppm	125 ppm	Control	20 ppm	50 ppm	125 ppm
Number of dead or moribund animals	11	18	18	11	32	19	26	24
Hepatic lesions	0	1	1	0	0	0	0	0
Urinary syatem lesions	0	1	0	0	0	0	0	0
Renal lesions	0	0	1	0	0	0	0	0
Urinary retention	1	1	3	2	0	1	0	0
Cardiovascular lesions	0	0	0	0	0	0	1	0
Arteritis	0	0	0	0	0	0	0	1
Hydronephrosis	0	2	1	3	1	0	1	1
Tumor death : leukemia	7	1	2	2	14	6	9	11
subcutis	1	1	0	1	2	1	1	0
lung	0	3	2	1	1	0	0	0
heart	0	0	0	0	0	0	1	0
bone marrow	0	1	0	0	0	0	0	0
liver	1	6	6	0	2	2	1	2
urinary bladder	0	0	0	0	0	1	0	0
pituitary gland	0	0	0	1	1	0	0	0
testis	1	0	0	0	-	-	-	-
epididymis	0	0	0	1	-	-	-	-
ovary	-	-	-	-	0	1	1	0
uterus	-	-	-	-	8	7	9	8
mammary gland	0	0	0	0	1	0	1	0
peripheral nerve	0	0	1	0	0	0	0	0
muscle	0	1	0	0	0	0	0	0
mediastinum	0	0	1	0	0	0	0	0
peritoneum	0	0	0	0	0	0	0	1
retroperitoneum	0	0	0	0	1	0	0	0
No microscopical confirmation	0	0	0	0	1	0	1	0