2,4-ペンタンジオ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:0676

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TABLE A

CONCENTRATIONS OF 2,4-PENTANEDIONE IN THE INHALATION CHAMBER OF THE 2-YEAR INHALATION STUDY

CONCENTRATIONS OF 2,4-PENTANEDIONE IN THE INHALATION CHAMBER OF THE 2-YEAR INHALATION STUDY

Group Name	$\begin{array}{c} \text{Concentration(ppm)} \\ \text{Mean} \pm \text{S.D.} \end{array}$
Control	0.0 ± 0.0
100 ppm	100.9 ± 0.9
200 ppm	200.9 ± 1.4
400 ppm	401.0 ± 1.8

TABLE B1

SURVIVAL ANIMAL NUMBERS: MALE

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

SEX : MALE

PAGE: 1

oup Name	Animals	Administ	ration (Wee	ks)											
	At start	0	1	2	3	4	5	6	7	8	9	10	11	12	13
C 1		F0 /F0	50/50		50/50	÷0 /50	50/50	F0 /F0	50/50	50/50	50/50	50/50	50/50	50/50	50/50
Control	50	50/50 100. 0	50/50 100.0	50/50 100. 0	100. 0	100.0	100.0	100.0	100.0	100. 0					
100 ppm	50	50/50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	48/50	48/50	48/50	48/50	48/50	48/50
		100.0	100. 0	100.0	100.0	100. 0	98. 0	98. 0	98. 0	96. 0	96. 0	96. 0	96. 0	96. 0	96. 0
200 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
400 ppm	50	50/50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
77		100.0	100.0	100.0	100.0	100. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98.0	98.0	98. 0	98. 0

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

(HAN360)

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

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roup Name	Animals	Administ	ration (Wee	ks)		<u> </u>									
	At start	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
00,0101	••	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
100 ppm	50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50
		96. 0	96. 0	96.0	96. 0	96. 0	96. 0	96.0	96. 0	96. 0	96. 0	96.0	96. 0	96. 0	96. 0
200 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
400 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		98.0	98.0	98. 0	98. 0	98.0	98. 0	98.0	98. 0	98. 0	98.0	98.0	98. 0	98. 0	98. 0

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

(HAN360)

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

PAGE: 3

oup Name	Animals	Administ	ration (Wee	ks)											
	At start	28	29	30	31	32	33	34	35	36	37	38	39	40	41
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
00110101		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
100 ppm	50 *	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50
		96. 0	96.0	96. 0	96.0	96. 0	96. 0	96. 0	96. 0	96.0	96.0	96. 0	96.0	96. 0	96. 0
200 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
400 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		98.0	98.0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98.0	98.0	98.0	98. 0	98. 0	98.0

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

(HAN360)

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

SEX : MALE

PAGE: 4

roup Name	Animals	Administ	ration (Wee	ks)				<u> </u>							
	At start	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
CONTION	•	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
100 ppm	50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	47/50	46/50	46/50	46/50	46/50
		96. 0	96.0	96. 0	96. 0	96. 0	96. 0	96.0	96. 0	96. 0	94. 0	92. 0	92. 0	92. 0	92. 0
200 ppm	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	49/50
		100.0	100.0	100.0	100.0	100.0	100. 0	100.0	98.0	98.0	98. 0	98. 0	98. 0	98. 0	98. 0
400 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	48/50	48/50	48/50
		98.0	98.0	98. 0	98. 0	98. 0	98. 0	98.0	98.0	98.0	980	98. 0	96. 0	96. 0	96.0

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

(HAN360)

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

SEX : MALE

PAGE: 5

roup Name	Animals	Administ	ration (Wee	ks)											
	At start	56	57	58	59	60	61	62	63	64	65	66	67	68	69
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
Control		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
100 ppm	50	45/50	45/50	45/50	45/50	45/50	45/50	44/50	44/50	44/50	44/50	44/50	44/50	44/50	44/50
		90. 0	90.0	90. 0	90. 0	90. 0	90. 0	88. 0	88. 0	88. 0	88. 0	88. 0	88. 0	88. 0	88. 0
200 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	48/50	48/50	48/50	48/50	48/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0	96.0	96.0
400 ppm	50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50
		96.0	96.0	96.0	96.0	96. 0	96. 0	96.0	96. 0	96.0	96.0	96. 0	96. 0	96. 0	96. 0

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

(HAN360)

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1 104

SEX : MALE

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roup Name	Animals	Administ	ration (Wee	ks)											
	At start	70	71	72	73	74	75	76	77	78	79	80	. 81	82	83
Control	50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	49/50	49/50	48/50	47/50	47/50	47/50	45/50
		100.0	100.0	100.0	100.0	98. 0	98. 0	98. 0	98. 0	98. 0	96. 0	94. 0	94. 0	94. 0	90.0
100 ppm	50	44/50	44/50	44/50	44/50	44/50	44/50	44/50	42/50	42/50	42/50	41/50	40/50	40/50	40/50
		88.0	88.0	88.0	88. 0	88. 0	88. 0	88. 0	84. 0	84. 0	84. 0	82. 0	80.0	80.0	80. 0
200 ppm	50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	48/50	46/50
		96.0	96.0	96. 0	96.0	96.0	96. 0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	92.0
400 ppm	50	48/50	48/50	48/50	48/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	46/50	46/50
		96.0	96.0	96.0	96.0	94.0	94. 0	94. 0	94.0	94. 0	94.0	94. 0	94. 0	92.0	92.0

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

(HAN360)

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : MALE

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oup Name	Animals	Administ	ration (Wee	ks)											
	At start	84	85	86	87	88	89	90	91	92	93	94	95	96	97
Control	50	45/50	45/50	45/50	45/50	45/50	44/50	40/50	39/50	39/50	39/50	38/50	38/50	37/50	37/50
		90.0	90.0	90. 0	90.0	90. 0	88. 0	80.0	78. 0	78. 0	78. 0	76. 0	76. 0	74. 0	74. 0
100 ppm	50	40/50	40/50	40/50	40/50	39/50	37/50	37/50	37/50	37/50	36/50	35/50	35/50	34/50	34/50
		80. 0	80.0	80. 0	80.0	78. 0	74. 0	74. 0	74. 0	74. 0	72. 0	70. 0	70. 0	68.0	68. 0
200 ppm	50	46/50	45/50	44/50	44/50	43/50	43/50	42/50	41/49	41/49	39/49	38/49	38/49	38/49	38/49
		92.0	90.0	88.0	88.0	86.0	86.0	84.0	83.7	83.7	79.6	77.6	77.6	77.6	77.6
400 ppm	50	46/50	45/50	45/50	45/50	45/50	44/50	44/50	44/50	44/50	44/50	44/50	44/50	43/50	41/50
		92.0	90.0	90. 0	90.0	90.0	88.0	88. 0	88. 0	88. 0	88.0	88. 0	88. 0	86. 0	82. 0

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

(HAN360)

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

SEX : MALE

PAGE: 8

Group Name	Animals	Administ	ration (Wee	ks)				
	At start	98	99	100	101	102	103	104
Control	50	37/50	36/50	36/50	36/50	36/50	33/50	30/50
		74. 0	72.0	72. 0	72.0	72. 0	66. 0	60.0
100 ppm	50	33/50	33/50	33/50	33/50	31/50	31/50	31/50
		66. 0	66. 0	66. 0	66. 0	62. 0	62. 0	62. 0
200 ppm	50	37/49	37/49	37/49	37/49	36/49	35/49	34/49
		75. 5	75. 5	75. 5	75. 5	73. 5	71.4	69. 4
400 ppm	50	41/50	41/50	40/50	40/50	40/50	40/50	39/50
		82.0	82.0	80.0	80.0	80.0	80. 0	78. 0

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

(HAN360)

TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 9

			ration (Wee	ks)											
	At start	0	1	2	3	4	5	6	7	8	9	10	. 11	12	13
Control	50	50/50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		100.0	100.0	100.0	100.0	100.0	98. 0	98. 0	98. 0	98.0	98.0	98. 0	98. 0	98.0	98. 0
100 ppm	50	50/50	50/50	50/50	50/50	49/49	49/49	49/49	49/49	49/49	49/49	49/49	49/49	49/49	49/49
		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
200 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
400 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	49/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0	98. 0	98.0	98. 0

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

(HAN360)

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 10

oup Name	Animals	Administ	ration (Wee	ks)											
	At start	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Control	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		98. 0	98.0	98.0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98.0	98. 0	98. 0	98. 0	98. 0
100 ррт	50	49/49	49/49	49/49	49/49	49/49	49/49	49/49	49/49	49/49	48/49	48/49	48/49	48/49	48/49
		100.0	100.0	100.0	100. 0	100.0	100. 0	100.0	100.0	100.0	98.0	98. 0	98. 0	98. 0	98. 0
200 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
400 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		98.0	98.0	98.0	98.0	98. 0	98.0	98.0	98.0	98.0	98.0	98. 0	98. 0	98. 0	98.0

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

(HAN360)

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 11

oup Name	Animals	Administ	ration (Wee	ks)											
	At start	28	29	30	31	32	33	34	35	36	37	38	39	40	41
Control	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		98.0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0
100 ppm	50	48/49	48/49	48/49	48/49	48/49	48/49	48/49	48/49	48/49	48/49	48/49	48/49	48/49	48/49
		98. 0	98.0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98.0	98.0	98. 0	98. 0	98. 0	98. 0
200 ppm	50	50/50	50/50	50/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		100.0	100.0	100.0	98. 0	98. 0	98. 0	98. 0	98.0	98. 0	98.0	98. 0	98. 0	98. 0	98. 0
400 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		98.0	98. 0	98. 0	98. 0	98. 0	98. 0	98.0	98.0	98.0	98.0	98.0	98.0	98. 0	98.0

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

(HAN360)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104 SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

roup Name	Animals	Administ	ration (Wee	ks)											
	At start	42	43	44	45	46	47	48	49	50	51	52	53	54	55
Control	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	48/50	48/50	48/50	48/50	48/50	48/50
		98. 0	98.0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	96. 0	96. 0	96. 0	96. 0	96. 0	96. 0
100 ppm	50	48/49	48/49	48/49	48/49	48/49	48/49	48/49	48/49	48/49	47/49	47/49	47/49	47/49	47/49
		98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	95. 9	95. 9	95. 9	95. 9	95. 9
200 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		98. 0	98.0	98. 0	98. 0	98. 0	98. 0	98. 0	98. 0	98.0	98.0	98. 0	98. 0	98. 0	98. 0
400 ppm	50	49/50	49/50	49/50	49/50	49/50	48/50	48/50	48/50	48/50	48/50	48/50	47/50	47/50	47/50
		98.0	98.0	98. 0	98.0	98. 0	96. 0	96. 0	96.0	96.0	96.0	96. 0	94. 0	94. 0	94.0

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

(HAN360)

BAIS4

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 13

roup Name	Animals	Administ	ration (Wee	ks)											
	At start	56	57	58	59	60	61	62	63	64	65	66	67	68	69
Control	50	48/50	48/50	47/50	47/50	47/50	47/50	47/50	47/50	46/50	45/50	45/50	45/50	45/50	45/50
		96. 0	96. 0	94. 0	94. 0	94. 0	94. 0	94. 0	94. 0	92. 0	90. 0	90. 0	90. 0	90. 0	90.0
100 ppm	50	47/49	47/49	47/49	47/49	47/49	47/49	47/49	47/49	47/49	47/49	47/49	47/49	47/49	46/49
		95. 9	95. 9	95. 9	95. 9	95. 9	95. 9	95. 9	95. 9	95. 9	95. 9	95.9	95. 9	95. 9	93. 9
200 ppm	50	49/50	49/50	48/50	48/50	48/50	48/50	48/50	48/50	47/50	47/50	47/50	47/50	47/50	47/50
		98.0	98.0	96.0	96.0	96.0	96. 0	96.0	96.0	94.0	94. 0	94.0	94. 0	94. 0	94. 0
400 ppm	50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	46/50
		94.0	94.0	94, 0	94.0	94.0	94.0	94. 0	94.0	94.0	94.0	94.0	94.0	94. 0	92.0

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

(HAN360)

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

SEX : FEMALE

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oup Name	Animals	Administ	ration (Wee	ks)											
	At start	70	71	72	73	74	75	76	77	78	79	80	81	. 82	83
Control	50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	44/50	44/50	44/50	44/50	44/50
		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	88.0	88.0	88. 0	88. 0	88. 0
100 ppm	50	46/49	45/49·	44/49	44/49	44/49	44/49	44/49	44/49	44/49	44/49	44/49	43/49	43/49	43/49
		93. 9	91.8	89.8	89.8	89. 8	89. 8	89. 8	89. 8	89. 8	89.8	89.8	87.8	87. 8	87.8
200 ppm	50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	46/50	46/50	46/50	43/50	43/50	43/50	43/50
		94. 0	94.0	94.0	94.0	94.0	94.0	94.0	92.0	92.0	92.0	86.0	86.0	86.0	86.0
400 ppm	50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	45/50	45/50	45/50	44/50
	1	92.0	92.0	92. 0	92.0	92. 0	92. 0	92.0	92. 0	92.0	92.0	90.0	90.0	90.0	88. 0

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

(HAN360)

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 15

roup Name	Animals	Administ	ration (Wee	ks)			· ·			· - · · · · · · · · · · · · · · · · · · ·					
	At start	84	85	86	87	88	89	90	91	92	93	94	95.	96 .	97
Control	50	44/50	44/50	44/50	44/50	43/50	42/50	42/50	42/50	42/50	42/50	41/50	41/50	41/50	39/50
		88. 0	88.0	88. 0	88.0	86. 0	84. 0	84. 0	84. 0	84. 0	84. 0	82. 0	82. 0	82. 0	78. 0
100 ppm	50	42/49	42/49	42/49	40/49	40/49	39/49	38/49	38/49	38/49	38/49	36/49	36/49	36/49	35/49
		85. 7	85.7	85. 7	81. 6	81.6	79. 6	77. 6	77. 6	77. 6	77.6	73. 5	73.5	73. 5	71. 4
200 ppm	50	42/50	40/50	39/50	39/50	39/50	39/50	38/50	37/50	36/50	33/50	32/50	30/50	29/50	29/50
		84.0	80.0	78.0	78. 0	78.0	78.0	76.0	74.0	72.0	66.0	64.0	60.0	58.0	58. 0
400 ppm	50	44/50	43/50	43/50	43/50	43/50	43/50	42/50	42/50	41/50	41/50	39/50	39/50	38/50	37/50
		88. 0	86.0	86.0	86.0	86.0	86.0	84. 0	84. 0	82. 0	82.0	78. 0	78.0	76.0	74.0

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

(HAN360)

SURVIVAL ANIMAL NUMBERS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104 SEX : FEMALE

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roup Name	Animals	Administ	ration (Wee	ks)					
	At start	98	99	100	101	102	103	104	
Control	50	37/50	37/50	35/50	34/50	32/50	32/50	31/50	
OSITETOT	00	74. 0	74. 0	70. 0	68. 0	64. 0	64. 0	62. 0	
100 ppm	50	34/49	34/49	31/49	30/49	29/49	27/49	27/49	
	•	69. 4	69. 4	63. 3	61. 2	59. 2	55. 1	55. 1	
200 ppm	50	29/50	27/50	26/50	26/50	26/50	26/50	26/50	
		58.0	54. 0	52.0	52.0	52. 0	52.0	52. 0	
400 ppm	50	37/50	36/50	36/50	36/50	36/50	34/50	34/50	
		74.0	72.0	72.0	72.0	72. 0	68.0	68.0	

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

(HAN360)

TABLE C1

CLINICAL OBSERVATION: MALE

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Admini	stration W	ek-dav											
	oroup namo	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
CATKI	C-netwol		. 0	0	0	0	0	0	0	0	0	0	0	0	0
EATH	Control	0			0	0	0	0	1	1	1	1	1	1	1
	100 ppm	0	0	0		0		0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0		0				1	1	1	1	1
	400 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
ORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	. 0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KCITEMENT	Control	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0
	100 ppm	Ŏ	Ö	Ö	Ö	0	0	0	0	0	0	0	0	0	. 0
	200 ppm	ő	ő	0	ő	Õ	Ö	Ŏ	Ō	Ō	0	0	0	0	0
	400 ppm	0	0	0	0	ō	0	ō	Ö	ō	0	0	0	0	0
ASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1110	100 ppm	ő	ŏ	Ö	ő	ő	0	Ö	Ŏ	0	Ö	Ö	Ö	Ö	0
	200 ppm	0	ő	Ö	Ö	ő	0	Ö	Ö	ŏ	0	Ö	Ö	0	Ō
	400 ppm	1	0	0	0	0	0	0	0	Ö	0	0	0	0	0
	400 ppm	1	v	U	v	v	v	U	v		v	v	V	v	v
OILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0 .	0	0	0	0	0
ILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	Ō	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	Ŏ	Ŏ	Ŏ	0	ŏ	Ö	0	ō	0	0	0	0	0	0
	400 ppm	ŏ	ō	ő	Ö	ő	0	Ö	0	Ö	0	0	0	0	0
OILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	. 0	0
CLUB LENT VONTINETH	100 ppm	0	0	. 0	0	0	0	0	0	0	0	0	Ŏ	Õ	0
	200 ppm	0	0	. 0	0	0	0	0	0	0	0	0	ő	ő	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	U	. 0	U	U	U	U	U	U	U	U	v	v	v	v

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Adminis	stration We	ek-day											
-		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
ЕАТН	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LI III	100 ppm	1	1	1	1	1	1	1	1	1	1	1	i	1	1
	200 ppm	0	0	0	0	Ô	0	ō	ō	Ō	0	Õ	0	ō	0
	400 ppm	1	1	1	í	1	1	1	ĭ	1	1	1	1	1	1
ORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	. 0	0	0	0	. 0	0
	100 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
XCITEMENT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	U
ILOERECTION	Control	0	0	0	0	0	0	0	0	0 0	0 0	0 0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0						
	200 ppm	0	0	0	0	0	0	0	0	0	0 ·	0	0	0	0 0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	U
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0		0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Admini	stration W	eek-dav											
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
ZATI	Cantual	0	0	0	0	0	0	0	0	0	. 0	0	0	0	
EATH	Control	0		0					-	1	1	1	1	1	1
	100 ppm	1	1	1	1	1	1	1	1				0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0			1
	400 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1 .	1
DRIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0 1
	100 ppm	1	1	1	1	1	1	1	1	. 1	1	1	1	1	
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
XCITEMENT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0
ASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OILED .	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0
•	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0
ILOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	1	1	1	1	0	0	0
	400 ppm	Ō	0	0	0	0	0	0	0	0	0	0	0	0	0
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	1	1	1	1	ì	1	1	1	1	1	i	1	1
	200 ppm	Ö	ō	0	1	î	ī	1	1	1	1	1	1	1	1
	400 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	î
OILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER TENT OBSTRACTA	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	ő
				0	0	0	0	0	0	0	0	0	0	0	ő
	200 ppm	0	0 0		0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	U	0	U	U	U	U	v	v	U	U	v	v	v

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

															I NOL .
Clinical sign	Group Name	Admini	stration We	eek-day											
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7 	54-7	55-7	56-7
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEATH	100 ppm	1 .	1	1	1	1	1	, 0 1	1	2	2	2	2	2	2
	200 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	400 ppm	1	1	1	1	1	1	1	1	1	1	2	2	2	2
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	1	1	1	1	1	1	1	1	2	2	2	2	3
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	, 0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ррш	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXCITEMENT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
•	200 ppm	0	0	0	0	0	0	0	0	0	0	, 0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	Ó	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	. 0	0	0	0	0	0	1	1	0	0	0	0	0	0
	200 ppm 400 ppm	0 0	0 0	0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	. 0	0 0
PILOERECTION		0	0	•	0	^	•			•	0	0	•	•	•
TLOERDOTTON	Control 100 ppm	0	0	0	0 0	0 0	0	0	0 1	0	0	0	0	0 0	0
							0	1		1	0	0	0		0
	200 ppm 400 ppm	0 0	0 0	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	. 0 0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	1	2	2	2	2	2	2	2	2	2	2	2	1
	200 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	400 ppm	1	1	1	î	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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
•	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

linical sign	Group Name	Admin	istration W	eek-day _											
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
ATH	Control	0		0	0	0	٥		0	0	0	0	0	•	0
AIII			0	0	0		0	0	-	0	0	0	-	0	.0
	100 ppm	2	2	2	2	2	3	3	3	3	3	3	3	3	3
	200 ppm	1	1	1	1	1	1	1	1	2	2	2	2	2	2
	400 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
IBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	. 0	0	0	0
OMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ITEMENT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	0	Ō	0	0	0	Ō	ō	0	Õ	Ö	Ö	Ö	ō
	200 ppm	0	Õ	Ö	Ö	0	Ŏ	Õ	Õ	ŏ	ŏ	ŏ	Ŏ	Ö	ō
	400 ppm	0	0	ō	0	ō	Ô	Õ	ő	Ö	ő	Õ	Ö	ő	ő
ASTING	Control		0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	Ö	Ö	0	Ö	Ŏ	Ö	ŏ	Ŏ	o ·	ŏ	ŏ	ŏ
	200 ppm	Õ	Õ	ő	ŏ	Õ	ŏ	ő	ŏ	ŏ	ő	ŏ	ŏ	ŏ	ŏ
	400 ppm	0	ō	ō	0	Ö	0	Ô	0	ō	0	0	Ö	Ö	0
LED	Control	0	0	0	0	0	0	0	0	0	0	0	0	. 0	0
	100 ppm	0	0	0	. 0	Õ	0	0	0	0	0	0	0	0	0
	200 ppm	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V = 1 = V 1 7	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G BELLY	Control	0	0	. 0	0	0	0	^	٥	^	^	^	^	^	^
W Durit								0	0	0	0	0	0	0	0
	100 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	200 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	400 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LED PERI-GENITALIA	Control	0	0	0	0 -	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	. 0	0	0	0	0	0	0	0	. 0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Admini	stration We	eek-dav											_
	oroup rand	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
АТН	Control	0	0	0	1	1	1	1	1	2	3	3	3	5	5
24111	100 ppm	3	3	3	3	3	3	5	5	5	6	6	6	6	6
	200 ppm	2	2	2	2	2	2	2	2	2	2	2	2	4	4
	200 ppm 400 ppm	2	2	2	3	3	3	3	3	3	3	3	4	4	4
DRIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	3	3	3	3	3	3	3	3	3	3	4	4	4	4
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	1	0	. 0	0
EXCITEMENT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	.0	0	. 0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0 -	0	0	0	0	0	0	0	0	0	0	0	0	0
DILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0		1	0	0
ILOERECTION	Control	0	0 .	0	0	0	0	1	1	1	0	0	. 0	. 0	0
	100 ppm	0	0	0	0	0	0	0	1	. 2	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	1	1	1	1	1	1	1	2	1	1	1	2	2
	200 ррт	1	. 1	1	1	1	1	1	1	1	1	2	2	2	2
	400 ppm	1	1	1	0	0	0	0	0	0	0	0	0	0	0
DILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	1	1	1	1	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

STUDY NO. : 0676

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

SEX: MALE

linical sign	Group Name	Admini							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 						
		_	_	_	_		•	10	10	10	11	11	10	10	10						
EATH	Control	5	5	5	5	6	9	10	10	10	11	11	12	12	12						
	100 ppm	6	6	6	7	9	9	9	9	10	11	11	11	11	12 12						
	200 ppm	5	6	6	7	7	8	8	8	10	11	11	11	11	8						
	400 ppm	5	5	5	5	6	6	6 .	6	6	6	6	7	8	ð						
DRIBUND SACRIFICE	Control	0	0	0	0	0	1	1	1	1	1	1	1	1	1						
	100 ppm	4	4	4	4	4	4	4	4	4	4	4	5	5	5						
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1						
DOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	,0	- 0	0						
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
KCITEMENT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	100 ppm	ő	Ö	Ö	ŏ	Õ	Ö	Ŏ	Ö	Ö	Ö	Ô	0	0	0						
	200 ppm	ő	Ö	Ö	ő	Ö	Ö	Ö	ŏ	Ö	0	0	0	0	0						
	400 ppm	0	ō	ŏ	Ö	ō	Ö	Ö	0	Ö	0	0	0	0	0						
ASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
13511110	100 ppm	. 0	Ŏ	Ö	Ŏ	0	Ŏ	Ö	0	Ö	0	0	0	0	0						
	200 ppm	0	Ö	Ö	Ö	Ö	Ŏ	1	ĭ	Ō	0	0	0	0	0						
	400 ppm	Ŏ	0	ő	0	0	Ö	0	ō	. 0	0	0	0	0	0						
DILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
OILED	100 ppm	0	0	0	0	0	0	0	Ö	0	1	1	1	1	ŏ						
			0	0	0	0	0	0	0	0	0	0	0	ō	ő						
	200 ppm 400 ppm	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0						
TI OFFICTION		•	1	1	1	•	1	^	0	٥	0	0	0	0	0						
ILOERECTION	Control	0	1	1	1	1	1	0	0	0	0	0	1	1	0						
	100 ppm	0	0	0	0	0	0	0	0	0			0	0	0						
	200 ppm	0	0	0	0	0	0	1	1		0	0									
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
ROG BELLY	Control	0	2	2	2	2	0	0	0	0	0	0	0	0	. 0						
	100 ppm	2	2	2	2	2	2	2	2	1	1	1	1	1	1						
	200 ppm	1	1	1	1	1	1	1	1	0	0	0	0	0	0						
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
DILED PERI-GENITALIA	Control	0	1	2	2	2	1	0	0	0	0	0	0	0	0						
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	,0						
	200 ppm	1	0	0	0	0	0	0	0	1	0	0	0	0	0						
	400 ppm	ō	0	0	0	0	0	0	0	0	0	0	0	1	1						

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

inical sign	Group Name	Admin	istration '	Week-day				
		99-7	100-7	101-7	102-7	103-7	104-7	
								·
DEATH	Control	13	13	13	13	16	19	
	100 ppm	12	12	12	13	13	13	•
	200 ppm	12	12	12	13	14	15	
	400 ppm	8	9	9	9	9	10	
MORIBUND SACRIFICE	Control	1	1	1	1	1	1	
	100 ppm	5	5	5	6	6	6	
	200 ppm	0	0	0	0	0	0	
	400 ppm	1	1	1	1	1	1	
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	
	100 ppm	0	0	0	0	0	0	
	200 ppm	0	0	0	0	0	0	
	400 ppm	0	0	0	0	0	0	
EXCITEMENT	Control	0	0	0	0	0	0	
	100 ppm	0	0	0	0	0	0	
	200 ppm	0	0	0	0	0	0	
	400 ppm	0	0	0	0	0	0	
WASTING	Control	0	0	0	0	0	0	
	100 ppm	0	0	0	0	0	0	
	200 ppm	0	0	0	0	0	0	
	400 ppm	0	0	0	0	0	Ö	
SOILED	Control	0	0	0	0	. 0	0	
	100 ppm	0	0	0	0	0	0	
	200 ppm	0	0	0	0	0	0	
	400 ppm	0	0	0	0	0	0	
PILOERECTION	Control	0	0	0	0	0	0	
	100 ppm	0	0	0	0	0	0	
	200 ppm	0	0	0	0	0	0	
•	400 ppm	0	0	0	0	0	0	
FROG BELLY	Control	0	0	0	0	0	0	
	100 ppm	1	1	1	2	2	2	
	200 ppm	ō	ō	Ō	0	ō	Õ	
	400 ppm	0	ő	Ö	ő	ő	ő	
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	
	100 ppm	Ō	Ō	0	Ö	Ŏ	Ö	
	200 ppm	Ö	0	ő	ő	0	Ö	
	400 ppm	ő	0	0	Ö	0	0	

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

							-									
Clinical sign	Gro	oup Name	Admini	stration We										40.5		
			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	1 4 -7
VODVIDIVAL MOO																
XOPHTHALMOS		Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		100 ppm	0	0	0	0	0 -	0	0	0	0	0	0	0	0	0
		200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOSED EYELID		Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		100 ppm	0	0	0	0	0	0	0	Ô	Ō	Ö	Ŏ	Ö	Ŏ	Ö
		200 ppm	Ō	Ö	Ö	ō	0	Ö	ŏ	0.	0	Ŏ	ő	ŏ	ŏ	Ŏ ·
		400 ppm	0	ő	Ö	ő	Ö	ŏ	ŏ	Ö	0	ő	ŏ	ő	ŏ	ő
ORNEAL OPACITY		Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARIEMED OFFICERS		100 ppm	Ö	ő	0	0	0	0	ő	0	0	0	0	0	0	0
		200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		400 ppm	ő	ő	0	0	0	0	0	0	0	0	0	0	0	0
KTERNAL MASS		Control	0	0	0	0	0	0 -	0	0	0	•	0	•		•
VIEWAL IMOS			0			0	-		0	0	0	0	0	0	0	0
		100 ppm		0	0		0	0	0	0	0	0	0	0	0	0
		200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	. 0
NTERNAL MASS		Control	0	0	0	1	1	1	1	1	1	1	1	1	0	0
		100 ppm	0	0	4	5	3	3	3	2	2	2	2	2	1	1
		200 ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	1
		400 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
ЕУЕ		Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		100 ppm	0	0	0	0	0 .	0	0	0	0	0	0	0	0	0
		200 ppm	0	0	0	0	0	0	0	0	0	0	Ó	0	Ó	0
		400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	.0
NECK		Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		100 ppm	Ŏ	Ŏ	Ö	0	0	Õ	Ö	Ö	0	0	0	0	0	0
		200 ppm	Ö	0	0	0	0	0	0	0	0	0	0	0	0	0
		400 ppm	Ŏ,	ő	Ö	0	0	0	0	0	0	0	0	0	0	0
ABDOMEN		Control	0	0	0	0	0	0	0	0	0	0	0	0	0	٥
ALL OHIMIT		100 ppm	0	0	0	0	0	. 0		0			0	0.	0	0
									0		0	0	•		0	0
		200 ppm	0	0	0	0 .	0	0	0	0	0	0	0	0	0	0
		400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

SEX: MALE															PAGE: 10
Clinical sign	Group Name	Admin	istration V	leek-day _											
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
EXOPHTHALMOS	Control	0	0	0	0	0	. 0	0	0	0	0	0	0	. 0	. 0
- EMOI IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	100 ppm	Ö	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	Ö	ő	. 0	Ö	0	ŏ	Ŏ	Ö	Ö	Ö	0	Ö	Ö	o ·
	400 ppm	0	0	0	0	0	0	Ö	Ō	Ō	Ö	Ö	0	Ō	Ō
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm 400 ppm	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0 0
EXTERNAL MASS		•	•	•	^	•	•	•	•	0	•	•	•	•	•
EXICAME MASS	Control 100 ppm	0 0	0	0 0	0 0	0 0	0	0 0	0	0 0	0 0	0	0 0	0 0	0 0
	. 200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	Ö	Ö	0	0	0	Ö	Ö	Ŏ	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0 -	0	1	1	1	1	1
	100 ppm	2	2	3	3	3	3	3	3	3	3	3	3	3	3
	200 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	400 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0 .	0	0	0	0	0	0	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Admin	istration W	leek-day												
	· · · · · · · · · · · · · · · · · · ·	29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7	
		-							Ţ.							
XOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	. 100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	400 ppm	0	. 0	0	0	0	0	0	0	0	0	0	0	0	0	
OSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	200 ppm	0	0	0	0	0	0	0	0	0	0	. 0	0	0	0	
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ORNEAL OPACITY	Control	0	0	0	0	0	0	0	0 -	0	0	0	0	0	0	
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	200 ppm	0	0	0	0	0	0	0	0	.0	0	0	0	0	0	
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ITERNAL MASS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	100 ppm	3	5	5	4	$\overline{4}$	4	4	4	4	4	4	4	4	$\overline{\overset{\circ}{4}}$	
	200 ppm	1	1	1	1	1	1	1	i	1	î	1	1	1	1	
	400 ppm	1	ī	1	1	1	1	1	1	1	1	1	1	1	i	
EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	100 ppm	0	Ŏ	ő	Ŏ	0	Ö	0	Ö	0	0	0	Ö	Ö	0	
	200 ppm	Ö	0	Ö	ő	Ö	0	0	Ö	0	0	0	0	0	0	
	400 ppm	ŏ	0	Ö	ő	Ö	0	ő	0	0	0	0	0	0	0	
NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	200 ppm	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0	
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ADDOMEN		•	2	_								-				
ABDOMEN	Control	0	. 0	0	0	0	0	0	0	0	0	0	0	0	0	
	100 ppm	0	0	0	0	0	0	0	0	0 -	0	0	0	0	0	
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

MAL MOUSE BODZFI/Crij[Crj:BDFI]

SEX : MALE

Clinical sign	Group Name	Admin	istration W	eek-day											
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
XOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101111111100	100 ppm	Ö	ŏ	0	0	0	0	0	0	0	0	0	Ŏ	Ŏ	0
	200 ppm	ő	ő	0	0	Ö	0	0	0	0	0	0	0	0	0
	400 ppm	0	ő	. 0	0	o	0	0	0	0	0	0	0	0	0
DM.	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	-	0	0	0	0	0	0	0	0	0	0
	200 ppm 400 ppm	0 0	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
KTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	Ö	Ŏ	ŏ	Ö	Ö	Ŏ	ŏ	Õ	Ö	0	Ŏ	Ö	ŏ	ŏ
	200 ppm	ŏ	1	1	1	1	i	1	1	1	1	1	1	1	1
	400 ppm	0	ō	ō	ō	0	Ō	0	ō	Ō	0	ō	0	ō	0
NTERNAL MASS	Control	1	1	1	1	1	0	0	0	0	0	0	0	0	0
	100 ppm	4	5	5	5	5	5	5	5	5	5	5	5	5	4
	200 ppm	1	1	1	1	1	1	2	2	2	2	2	2	2	2
	400 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EYE	Control	0	0	0	0	0	0	0	0.	0	0	0	0	0	0
	100 ррш	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	1	1	1	1	1	1	1	1	1	1	1	1	1
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NECK	Control	. 0	0	0	0	0	0	0	0	. 0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	. 0	0	0	0	0	0	. 0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Admini	istration W	eek-dav											
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
XOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VOLUTUVENOO			0				0	0	0	0	0	0	0	0	0
	100 ppm	0		0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOSED EYELID	Control	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	Ö	Ô	0	Ô	Ō
	200 ppm	0	0	0	0	0	0	ō	0	Õ	Ō	0	Ō	Ō	ō
	400 ppm	0	0	0	0	0	0	0	0	0	0	Ō	0	ō	0
DRNEAL OPACITY	Control	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	Ŏ	Ö	Ŏ	Õ	Ö	Ö	Ŏ	Ö	Ŏ	0	Ö	Ŏ	ő
	200 ppm	Ő	Ö	Õ	0	0	0	0	Ŏ	0	0	0	Ö	0	0
	400 ppm	Ö	Ö	ő	0	Ö	ő	Ö	ő	Ö	Ö	0	ő	Ö	0
KTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	Ö	0	0	0	0	0	0	0	1	1	1	1	1	2
	200 ppm	1	1	1	1	1	1	2	2	1	1	1	1 .	1	1
	400 ppm	0	0	0	ō	0	0	0	0	0	0	0	0	0	1
NTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	•			1
WIDMWID MIDD	100 ppm	4	4	4	4	3	2	3	3	0	0	1 3	1	1 3	1
	200 ppm	2	2	2	2	2	2	2	2	3 2	3 2		3		3
	400 ppm	1	1	1	1	1	1	1	1	1	1	2 1	2 1	2 1	2 1
. EYE	Control	0	0	٥	0	0	٥	•	•	•	0	0	0	0	•
	Control 100 ppm	0 0	0	0 0	0 0	0	0	0	. 0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
	200 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0
NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0 .	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABDOMEN	Control	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Admin.	istration We	eek-dav											
	oroup name	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
KOPHTHALMOS	Control	0	0	0	0	0	0	0	1	1	1	1	1	1	1
tol Illindiaco	100 ppm	0	0	0	0	0	0	1	1	1	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	400 ppm	Ö	Ö	0	0	ő	ŏ	ő	ŏ	0	0	0	ō	0	0
M	Control	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0 ·	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	200 ppm	0	0	0	0 -	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	200 ppm 400 ppm	0 0	0 0	0 0	0 0	0	0 0	1 0							
TERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	1	1	0	0
	100 ppm	2	2	2	2	2	2	1	2	2	1	1	î	i	2
	200 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	400 ppm	1	1	1	0	0	0	0	0	ō	0	î	ō	ō	ō
VTERNAL MASS	Control	1	1	1	1	1 .	1	1	1	1	0	1	2	1	3
	100 ppm	3	3	3	3	4	4	4	5	6	5	4	4	4	4
	200 ppm	2	2	2	2	2	2	2	2	2	2	2	3	3	3
	400 ppm	1	1	1	0	0	0	0	0	0	0	1	0	0	0
EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0
•	200 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	, 0	0	0	0	1	0	0	0
ABDOMEN	Control	0	0 .	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	1	1	1	1	1	0	0	0	0	. 0	0	. 0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Admin	istration W	look-day											
Tinical Sign	Of Out Name	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
XOPHTHALMOS	Control	1	1	í	1	1	,	1	1	1	1	1	1	1	1
AOFHIHALMOS	Control 100 ppm	0	0	0	0	0	1 0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	U	U	U	٠.	U	V	U	U		U	U	U	U	U
JM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	•••														
LOSED EYELID	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORALINIS OFFICETT	100 ppm	1	0	0	. 0	Ŏ	Ö	0	ő	Ö	0	0	0	Ŏ	ő
	200 ppm	Ô	0	0	0	0	0	0	0	0	0	Ö	0	0	0
	400 ppm	0	0	0	0	0	0	0	Ő	0	0	Ö	Ô	0	0
	100 ppm	J	v	•	v	•	V	·	·	•	·	•	•	·	·
XTERNAL MASS	Control	0	0	0	0	0	0	0	o`	0	0	1	1	1	2
	100 ppm	2	2	2	2	2	2	2	3	3	3	3	2	2	1
	200 ppm	2	2	2	2	2	2	2	2	2	2	2	2	3	3
	400 ppm	0	0	1	1	1	1	1	1	1	1	1	1	2	2
NTERNAL MASS	Control	1	5	6	6	5	3	1	2	2	4	4	4	4	4
NIEMNAL MASS	Control 100 ppm	4 4	4	4	3	3	3	3	2	1	4 3	4 4	3	4	3
	200 ppm		3	3	3	3	3	2	2	1	1	1	1	3	2
	200 ppm 400 ppm	3 0	0	0	3 1	2	3 2	3	3	3	3	4	3	2	2
	400 քիա	U	U	U	1	4	4	v	3		3	4	J	4	6
. EYE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	2	2	2	2	2	2	2	2	2	2	2	2	3	3
	400 ppm	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0
NECK	^ . •	•		•	_	•	•	•		•	_		•		
I. NECK	Control	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	100 ppm	0	0	0	0	0	0	0	1	1	1	1	0	0 0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	-	0
	400 ppm	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABDOMEN	Control	0	. 0	0	0	0	0	0	0.	0	0	0	0	0	0
	100 ppm	Ô	0	0	Ŏ	0	Õ	ō	0	Ō	0	0	0	0	0
	200 ppm	0	0	0	Ö	0	Ŏ	Ö	0	0	Ö	Ō	0	0	0
	400 ppm	Ō	0	Ō	Ö	0	Ŏ	Ō	Ŏ	Ō	0	0	Ŏ	0	o

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX: MALE

Clinical sign	Group Name	Admin	istration	Week-day							
		99-7	100-7	101-7	102-7	103-7	104-7				
	,							 			
XOPHTHALMOS	Control	1	1	1	1	1	0				
AOI III III IOS	100 ppm	0	0	0	0	0	o				
	200 ppm	0	0	. 0	0	0	ő				
	400 ppm	0	0	0	0	0	0				
	and one	Ū	v	U	U	v	v				
UM	Control	0	0	0	0	0	0				
	100 ppm	0	0	0	0	. 0	0				
	200 ppm	0	0	0	0	0	0				
	400 ppm	0	0	0	0	0	0				
LOSED EYELID	Control	0	0	0	0	0	0				
	100 ppm	1	1	1	1	1	1				
	200 ppm	0	0	0	0	0	0				
	400 ppm	0	0	0	0	0	0				
ORNEAL OPACITY	Control	0	0	0	0	0	0				
Old Marie	100 ppm	ő	. 0	0	Ö	ŏ	ŏ				
	200 ppm	. 0	0	ő	ő	Ö	ŏ.				
	400 ppm	ŏ	0	Ö	ő	ő	ŏ				
VTDDNAL MACC	Control 1	0	0	0	0	3	1				
XTERNAL MASS	Control	2	2	2	3		1				
	100 ppm	1	1	1	1	1	1				
	200 ppm 400 ppm	3 3	3	3 3	3 2	3 2	3 1				
			v			_	.=				
NTERNAL MASS	Ćontrol	5	5	4	4	4	5				
	100 ppm	5	5	5	4	5	6				
	200 ppm	2	2	3	2	2	1				
	400 ppm	3	2	2	2	2	3				
. EYE	Control	1	1	1	1	1	0		-		
	100 ppm	0	0	0	0	0	0				
	200 ppm	3	3	3	3	3	3				
	400 ppm	1	1	1	1	1	í				
. NECK	Control	1	1	1	1	1	1				
· INDOR	100 ppm	0	0	0	0	0	0				
	200 ppm	0	0	0	0	0	0				
	400 ppm	0	0	0	0	0	0				
ADDOMEN			•	•	_			-		-	
. ABDOMEN	Control	0	0	0	0	1	0				
	100 ppm	0	0	0	0	0	0				
	200 ppm	0	0	0	0	0	0				
	400 ppm	0	0	0	0	0	0				

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

	·														
Clinical sign	Group Name	Admini 1-7	stration W 2-7	eek-day 3-7	4-7	5-7	6-7	7–7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
					<u> </u>	0 1	0 1	'''	<u> </u>		10 1	11 1	12 1	10 1	11 1
ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0 .	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	Ô	0	0	Ö	0	Ö	0	Ŏ	Ö
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	. 0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	Ó	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0
. TAIL	Control	0	0.	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	. 0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	Ō	Ö	0	Ö	Õ	0	Ö	Ö
	200 ppm	0	0	0	0	0	0	Ö	0	Ō	Ō	Ō	Ō	Ō	Ō
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTICOLLIS	Control	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	Ö	Ō	0	ō	Ŏ	Ö	0	Ö	Ö
	200 ppm	0	0	Ō	Ō	Ŏ	Ö	Ö	0	ŏ	ő	Ö	Ö	Ö	Ŏ
	400 ppm	0	. 0	Ŏ	Ŏ	Ö	Ö	Ö	0	Ö	Ö	0	Ŏ	Ö	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

inical sign	Group Name	Admini	stration W	eek-day				_							
	_	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0.	0
	100 ppm	0	0	0	0	0	0	0	0	0	0 .	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	.0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AIL	Control	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	Ō	Ō	Ö	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	ŏ	0	ő	Ö	Ŏ	Ŏ	Ö	Ŏ	Õ	Ö	Õ	Ö	. 0	ō
	200 ppm	ő	0	ő	Ö	Õ	Ö	Ö	Ŏ	Õ	.0	Õ	0	0	0
	400 ppm	ő	0	ő	Ö	Ö	0 -	0	0	ő	0 ,	Ö	Ö	ŏ	0
OSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	Õ	Ô	Ö	Ö	ő	0	0	Õ	Ö	0	0	0	0	0
	200 ppm	ő	0	0	0	ő	0	0	0	0	0	0	0	0	0
	400 ppm	ő	0	0	0	Ö	0	0	0	0	0	Ö	0	ő	0
ISTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0
TICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11000010	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0 -	0	0	0	0	0	0	0	0
		0	0					0	15		0	0	0	0	0
	400 ppm	U	U	0	0	0	0	U	0	0	U	U	U	U	U

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX: MALE

linical sign	Group Name	Admini	stration W	eek-dav											
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
ANTERIOR, DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. HIVIDATOR. DORDOM	100 ppm	Ö	0	0	Ö	0	0	Ö	ŏ	Ö	ő	Ö	Ŏ	Ö	Ö
	200 ppm	0	0	0	0	0	0	0	Ö	ő	. 0	Ö	Ö	Ö	ō
	400 ppm	0	0	0	0	0	0	ő	ő	ő	ő	ŏ	ŏ	Ö	0
POSTERIOR DORSUM	Control	0	0	0 '	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	. 0	. 0	0	0	0	0	0	0	0	0
HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	. 0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENITALIA	Control	0	0	0	0	0	0	0 .	0	0	0	0	0	0	0
	100 ppm	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	. 0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	.0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	- 0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	. 0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm 400 ppm	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
ROSION	•	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MODION	Control	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0
	100 ppm	0			0		0	-	0	0		0	0	0	0
	200 ppm 400 ppm	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0	0 0	0	0	0	0
RUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	Ö	0	0	0	0	0	ő	0	0	ŏ
	200 ppm	0	0	0 .	0	0	0	0	0	0	0	0	0	ŏ	ő
	400 ppm	0	0	0	0	0	0	0	0	0	Ö	ő	ő	0	0
RTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	Ö	0	0	Ö	Ö	Ö	Õ	Ö	Ö	0	0	0	0
	200 ppm	Ö	Ŏ	Ö	0	Ö	ŏ	Ö	Ö	Ő	ŏ	Ō	Ō	0	0
	400 ppm	Ö	ŏ	Ö	0	0	Ŏ	ŏ	0	Ö	Ŏ	Ŏ	Ŏ	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

Clinical sign	Group Name	Admini	stration W	eek-dav											
	oroup rame	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
M. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HATEKTOK. DOKOGM	100 ppm	Õ	0	0	0	Ö	0	Ŏ	0	Ö	0	ŏ	0	Ŏ	Ō
	200 ppm	0	0	Ö	0	0	Ö	Ö	0	Ö	0	ŏ	Ö	ő	Ō
	400 ppm	0	ő	0	ő	Ö	ő	ō	Ö	0	Ö	Ō	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0.	0	0	0	0	0	0	0	0	0	0
	100 ррш	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0
	200 ppm	0	.0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0 .	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	. 0	0 0	0	0
	200 ppm 400 ppm	0 0	0 0	- 0 0	, 0 0	0 0	0 [.] 0	0 0	0	0 0	. 0 0	0 0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ar variation.	100 ppm	Ö	Ŏ	Ŏ	Ö	Ŏ	0	Ō	Ō	Ō	0	0	0	0	0
	· 200 ppm	0	. 0	Ō	Ō	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm 400 ppm	0 0	0 0	0 0	0 0	0 0	0 0	0 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
	100 ppm	0	Ö	Ö	0	0	Ö	0	0	0	0	0	Ô	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0 -	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUSTA	Control	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0 .	0	0	0	0	0	0	0	0	0
•	200 ppm	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

			stration W	voic acr											
		57-7	58-7	597	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69–7	70-7
ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ррш	0	0	0	0	0	0	0	0	0	0	. 0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POSTERIOR DORSUM	Control	0	0 .	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENITALIA	Control	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	200 ppm	0	0	0	0	0	0	0	0	Ō	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	Ō	0	0	0
TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	. 0	0	0	0 .	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	Ō	0	Ō	ō	Ō	0	Ō	0	Ō	Ō	0
OSION	Control	0	0	0	0	0	O	0	0	0	0	0	0	0	0
	100 ppm	Ŏ	Ö	ŏ	0	Ö	Ö	Ö	Ö	ŏ	0	0	0	Ö	Ô
	200 ppm	0	Õ	ŏ	Ö	Ö	Ö	0	Ö	ŏ	Ö	Õ	Ö	Ö	0
	400 ppm	Ō	0	Õ	0	0	Ö	ő	Ö	Ö	Ö	0	Õ	ő	0
USTA .	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	Ö	Ö	ő	0	ő	Ö	Ô	0	Ö	0	0	0	0	0
	200 ppm	0	Ö	ő	0	Ö	Ö	0	0	ő	0	0	0	Ö	0
	400 ppm	0	Ö	ő	Ö	0	Ö	ő	ŏ	Ö	Ö	Ö	Ö	Ö	0
RTICOLLIS	Control	0	0	0	0	0	0	0 .	0	0	0	0	0	0	. 0
	100 ppm	ő	0	0	0	0	0	0	0	0	0	. 0	0	0	0
	200 ppm	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

linical sign	Group Name	Admini	stration We	ek-day											
		71-7	72-7	73-7	74-7	75-7	76-7	· 77-7	787	79-7	80-7	81-7	82-7	83-7	84-7
ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0		1	0	0
AUTERION. DORDOM	100 ppm	0	0	0	0 .	0	0	0	0	0	0	1 0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	ò
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POSTERIOR DORSUM	Control	0	. 0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	. 1	1	1	0	0	0	0	0	0	0	0	0	0	0
HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
•	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IEMIA	Control	0	0	0	0	0	0	0	0	Ö	. 0	0 .	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm 400 ppm	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0	0 0	0 0	0 0	0 0	0 0
IOCTON		•	•	•	•	•	•		•	•				•	
ROSION	Control	0	0	0	0	0	0	0	0	0	1	1	1	0	0
	100 ppm	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	1	1	0	0
	400 ppm	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0
USTA	Control	0	0	0	0	0	0	ó	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

REPORT TYPE : A1 104

SEX : MALE

011 1 1 1															PAGE: 23
Clinical sign	Group Name	Admin: 85-7	istration W 86-7	/eek-day 87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
M. ANTERIOR. DORSUM	Control	0	0	. 0	0	0	0	. 0	0	0	0	0	0	0	0
	100 ppm	Ō	0	ō	Ö	. 0	Ö	. 0	0	0	Ŏ	0	. 0	ŏ	Ö
	200 ppm	0	0	0	0	0	0	Ō	0	0	Ō	Ö	0	Ö	Ö
	400 ppm	0	0	0	0	0	0	0	Ō	0	0	Ö	Ö	0	Ö
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0	0	. 0	0	0	0	0	Ó	0
	100 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	200 ppm 400 ppm	0 0	0	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 2	0
	400 ppm	v	U	1	1	1	1	1	1	1	1	1	1	2	2
M. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	0
	200 ppm 400 ppm	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0
A377747 A	•												·	·	v
ANEMIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	200 ppm 400 ppm	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0
,			v	Ū	v	Ū	v	U	v	U	U	U	U	U	V
EROSION	Control	1	1	1	1	1	0	0	1	0	0	0	0	0	. 0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	1	1	0	0
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	2
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	1	1	1	1	1	1	1	1	1	0	0	0	. 1	1
	400 ppm	0	0	0	0	0	0	0	0	0	0	1	1	0	0
TORTICOLLIS	Control	. 0	0	0	0	0	0	0	1	1	1	1	1	1	1
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

linical sign	Group Name	Admin	istration \	∛eek-dav					
		99-7	100-7	101-7	102-7	103-7	104-7		
ANTERIOR. DORSUM	Control	0	0	0	0	0	0		
	100 ppm	0	0	. 0	0	0	0		
	200 ppm	0	0	0	0	0	0		
	400 ppm	0	0	0	0	0	0		
POSTERIOR DORSUM	Control	0	0	0	1	1	0		
	100 ppm	0 .	0	0	0	0	0		
	200 ppm	0	0	0	0	0	0		
	400 ppm	0	0	0	0	0	0		
IINDLIMB	Control	0	0 -	0	0	0	0		
	100 ppm	0	0	0	0	0	0		
	200 ppm	0	0	0	0	0	0		
	400 ppm	0	0	0	0	0	0		
GENITALIA	Control	0	0	0	0	0	0		
	100 ppm	1	1	1	1	1	1		
	200 ppm	0	0	ō	0	0	ō		
	400 ppm	2	2	2	1	1	0		
TAIL	Control	0	0	0	0	0	0		
	100 ppm	0	0	0	0	0	0		
	200 ppm	0	0	0	0	0	0		
	400 ppm	0	0	0	0	0	0		
EMIA	Control	0	0	0	0	0	0		
	100 ppm	0	0	0	0	Ö	0		
	200 ppm	0	0	0	0	0	. 0		
	400 ppm	0	Ō	0	0	Ö	Õ		
OSION	Control	0	0	0	0	0	0		
	100 ppm	ő	ő	ő	0	Ö	ő		
	200 ppm	0	0	0	0	0	0		
	400 ppm	Ő	ő	0	0	0	0		
USTA	Control	1	1	1	1	1	0		•
	100 ppm	0	0	0	0	1	1		
	200 ppm	0	0	1	1	1	1		
	400 ppm	0	0	0	0	0	0		
RTICOLLIS	Control	1	1	1	1	1	1		
	100 ppm	0	0	0	0	0	0		
	200 ppm	0	0		0				
		0		0	0	0	0	•	
	400 ppm	U	0	0	0	0	0		

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	Admini	stration W	eek-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
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	. 0	0
	400 ppm	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0
RREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ррш	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ION REMARKABLE	Control	50	50	50	49	49	49	49	49	49	49	49	49	50	50
	100 ppm	50	50	4 6	45	46	46	46	46	4 6	46	46	46	47	47
	200 ppm	49	49	48	48	48	48	48	48	48	48	48	48	48	48
	. 400 ppm	49	50	50	50	49	49	49	49	49	48	48	48	48	48

(HAN190)

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	Admini	stration W	eek-day _											
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
PROLAPSE OF PENIS	Control	0	0	0	. 0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	50	50	50	50	50	50	50	50	50	49	49	49	49	49
	100 ppm	46	46	45	45	45	45	45	45	45	45	45	45	45	45
	200 ppm	48	48	48	48	48	48	48	48	48	48	48	48	48	48
	400 ppm	48	48	48	48	48	48	48	48	48	48	48	48	48	48

(HAN190)

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	Admini	stration W	eek-day											
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37–7	38-7	39-7	40-7	41-7	42-7
										,					
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ррт	0	0	0	0	0	0 .	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON REMARKABLE	Control	49	49	49	49	49	49	49	49	49	49	49	49	49	49
	100 ррт	45	43	43	44	44	44	44	44	44	44	44	44	44	44
	200 ppm	48	48	48	48	48	48	48	48	48	48	48	48	48	48
	400 ppm	48	48	48	48	48	48	48	48	48	48	48	48	48	48

(HAN190)

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	Admini	stration W	eek-day											
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	.0	.0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	o o	0	0	0	0	1	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ION REMARKABLE	Control	49	49	49	49	49	50	50	50	50	50	50	50	50	50
	100 ppm	44	43	43	43	43	43	42	42	41	41	41	41	41	41
	200 ppm	48	47	47	47	47	47	45	45	45	45	45	45	45	45
	400 ppm	48	48	48	48	48	48	48	48	48	48	47	47	47	47

(HAN190)

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	Admini	stration W	eek-day					=						
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	- 0	0	0	0	1	1	1	1	1
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	50	50	50	50	50	50	50	50	50	50	49	49	49	49
	100 ppm	40	41	41	41	42	42	41	41	40	40	40	40	40	39
	200 ppm	45	45	45	45	45	45	44	44	44	44	44	44	44	44
	400 ppm	47	47	47	47	47	47	47	47	47	47	47	47	47	47

(HAN190)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

PAGE: 30

Clinical sign	Group Name	Admini	stration W	eek-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
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	200 ppm	1	0	0	0	0	0	0	0	0	1	1	1	0	0
	400 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
RREGULAR BREATHING	Control	0	0	0	0	0	0	0	1	1	0	1	1	0	0
	100 ppm	0	0	0	0	0	1	0	0	1	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
NON REMARKABLE	Control	49	49	49	48	48	47	46	46	4 5	45	43	43	43	41
	100 ppm	39	39	38	38	38	38	37	36	34	35	35	35	35	34
	200 ppm	44	44	44	44	44	44	43	42	42	42	41	41	40	40
	400 ppm	47	47	47	47	47	47	47	47	47	47	46	45	45	45

(HAN190)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

REPORT TYPE : A1 104

SEX: MALE

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Clinical sign	Group Name	Admini	stration W	eek-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
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0 -	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	200 ppm	1	0	0	0	0	0	1	1	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON REMARKABLE	Control	40	39	37	37	37	36	37	35	35	32	32	30	30	29
	100 ррт	34	34	34	33	32	32	32	31	31	29	28	29	28	28
	200 ppm	38	38	38	37	37	36	36	36	35	35	35	35	31	31
	400 ppm	45	45	44	43	41	41	40	40	40	40	39	39	36	36

(HAN190)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : MALE

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Clinical sign	Group Name	Admin	istration	Week-day _			
		99-7	100-7	101-7	102-7	103-7	104-7
PROLAPSE OF PENIS	Control	0	0	0	0	0	1
	100 ppm	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0
	400 ppm	0	0	. 0	0	1	1
IRREGULAR BREATHING	Control	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0
•	200 ppm	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0
NON REMARKABLE	Control	28	· 28	29	29	26	24
	100 ppm	26	26	26	25	23	22
	200 ррт	32	32	31	31	30	30
	400 ppm	35	35	35	36	36	35
(HAN190)							

(HAN190)

TABLE C2

CLINICAL OBSERVATION: FEMALE

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX: FEMALE

SEX : FEMALE															PAGE : :
Clinical sign	Group Name	Admini	stration W	eek-day											
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
DEATH	Control	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	100 ppm	Ŏ	Ö	ő	Ö	Ô	Ō	Ō	0	0	0	0	0	0	0
	200 ppm	Ō	0	Õ	Ö	ő	Ö	ŏ	Ö	Ö	ő	Ö	Ö	0	Ö
	400 ppm	0	0	0	0	0	Ō	Ŏ	Ō	Ö	1	i	1	1	1
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	.0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm 400 ppm	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0 .	0 0	0 0	0 0	0 0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	Ö	Ŏ	0	Õ	Ö	Ŏ	0	0	ő	Õ	0	0	o
	200 ppm	0	Ö	Ö	Ö	Ö	Ö	ő	Ö	0	Ö	0	Ö	0	ő
	400 ppm	0	0	0	0	0	0	0	ō	Ö	0	Õ	Ö	ŏ	Ö
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0 -	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	Ö	0	Ô	Ö
	200 ppm	0 -	0	0	, 0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0
STEP BACK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

REPORT TYPE: A1 104

SEX: FEMALE

SEX : FEMALE															PAGE: 34
Clinical sign	Group Name	Admini	istration W												
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
DEATH	Control	1	1		•	,	•	•							_
DEATH	100 ppm	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 1	1	1	1	1	1
	200 ppm	0	0	0	0	0	0	0	0	0	1	1 0	1	1 0	1
	400 ppm	1	1	1	1	1	1	1	1	1	0 1	1	0 1	1	0 1
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	Ô	Ŏ	Ô	Ŏ	Ŏ	0	ŏ	Ö	Ö	Õ	Ö	Ö	ŏ
	200 ppm	0	0	0	0	Ō	0	0	0	Ö	0	Ŏ	Ŏ	ŏ	Ö
	400 ppm	0	0	Ō	0	0	0	ō	Ö	0	Ö	Ö	0	Ö	Ö
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	- 200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0 .	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	. 0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEP BACK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX: FEMALE

SEX : FEMALE															PAGE: 3
Clinical sign	Group Name		istration												
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
DEATH	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<i>5</i> 4.111	100 ppm	1	1	1	1	1	1	1	1 1						
	200 ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	400 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm 400 ppm	0 0	0 0	0 0	0 0	0 0	0	0	0	0 0	0 0	0	0 0	0 0	0 0
ATAXIC GAIT		•	•											•	
AIAXIC GAII	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0
•	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
v.	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEP BACK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : FEMALE

															PAGE · 3
Clinical sign	Group Name	Admin	istration W	eek-day											
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
	0 . 1											_			
DEATH	Control	1	1	1	1	1	1	1	2	2	2	2	2	2	2
	100 ppm	1	1	1	1	1	1	1	1 .	2	2	2	2	2	2
	200 ppm	1	1	1	1	1	1	1	1	1	1	1 .	1	1	1
	. 400 ppm	1	1	1	1	2	2	2	2	2	2	3	3	3	3
ORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	ō	Ŏ	Ŏ	Ö	Ö	0	0	Ŏ	0	0	Ô	0	0	0
	200 ppm	Ö	0	ŏ	0	Ö	0	Ö	0	Õ	0	0	0	0	Ö
	400 ppm	0	0	0	0	0	Ö	Ö	. 0	Ö	Ŏ	ŏ	Ö	Ö	ŏ
HUNCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0
1 0 2 1 2 0 1	100 ppm	Ö	0	0	0	0	0	0	0	0 ·	. 0	0	0	0	0
	200 ppm	Ö	0	ő	0	0	0	0	0	0	0	0	0	0	0
•	400 ppm	ŏ	ŏ	0	0	0	0	Ŏ	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	٥
***************************************	100 ppm	0	. 0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	Ö	Ö	0	Ö	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	•	•
manific onii		0	0	0				-	_		-	0	0	0	0
	100 ppm 200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0 0										
ROLLING	Control	0	•	•	^	•	^	•	•		•	•		_	
OLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
•	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm 400 ppm	0	0 0	0 0	0 0	0	0	0	0	0	0	0	0 -	0	0
	400 ppm	U	U	U	U	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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEP BACK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	. 0	0	0	0	0	0	Ó	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : FEMALE

															PAGE : :
Clinical sign	Group Name		istration V												
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7 	70-7
DEATH	Control	2	3	3	3	3	3	3	4	5	5	5	5	5	5
	100 ppm	2	2	2	2	2	2	2	2	2	2	2	2	3	3
	200 ppm	1	2	2	2	2	2	2	3	3	3	3	3	3	3
	400 ppm	3	3	3	3	3	3	3	3	3	3	3	3	4	4
ORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
•	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0
	200 ppm 400 ppm	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
ROLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0 -	0	1	1	i	Ŏ	Ö
	200 ppm	0	0	0	0	0	0	0	0	0	0	Ō	ō	Ŏ	Ö
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	Ö	Ō	Ō
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	ō
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEP BACK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0 .	0	0	0	0	0	0	0	Ō	0	0
	400 ppm	0	0	0	. 0	0	0	0	0	0	Ó	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX: FEMALE

linical sign	Group Name	Admini	stration W	eek-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
							•••								
EATH	Control	5	5	5	5	5	5	5	5	6	6	6	6	6	6
	100 ppm	4	5	5	5	5	5	5	5	5	5	6	6	6	7
	200 ppm	3	3	3	3	3	3	4	4	4	6	6	6	6	7
	400 ppm	4	4	4	4	4	4	4	4	4	4	4	4	5	5
ORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	400 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
COMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	Ō	0	Ö	Ö	0	ō	Ö	Ŏ
	200 ppm	0	0	Ô	Ō	0	0	0	Ö	Ö	Ŏ	Ö	ŏ	Ö	. 0
	400 ppm	0	Ō	ō	ŏ	ő	Ŏ	o o	ő	ő	0	ő	ő	ő	0
NCHBACK POSITION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	Õ	Ŏ	ŏ	0	Ö	ŏ	0
	200 ppm	0	0	Ö	Ō	0	1	1	ì	í	ŏ	Ö	ŏ	ŏ	ő
· · · · · · · · · · · · · · · · · · ·	400 ppm	0	0	Ō	0	ō	ō	ō	ō	0	Ö	ŏ	Ö	ő	ő
AXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	. 0
	100 ppm	0	0	0	0	0	Ö	0	Ŏ	Ŏ	Ŏ	0	Ö	Õ	Ö
	200 ppm	Ö	0	Ŏ	ŏ	1	i	1	1	. 1	0	0	ő	0	Ö
	400 ppm	0	Ō	ō	ő	0	0	0	ō	0	0	0	Ö	0	0
RALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	Ō	0	Ö	Ö	Ŏ	Ö	Õ	Õ	Ö	0	0	ŏ
	200 ppm	Õ	Õ	ő	ŏ	0	Ŏ	0	ő	0	0	0	0	0	0
	400 ppm	0	ő	ő	ő	ő	Ö	0	0	0	0	0	0	0	0
DLLING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	Ō	Ö	Ŏ	ŏ	ő	ŏ	ő	0	Ö	Õ	ő	ŏ
	200 ppm	0	Ō	Ö	Ŏ	Ö	ŏ	0	ŏ	0	0	ő	0	0	ő
	400 ppm	0	ő	ő	ő	Ö	Ö	Ö	0	0	0	0	0	0	0
NORMAL GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	Ö	ŏ	0	0	0	1	1	1	1	1	1	1	1
	200 ppm	Ö	0	0	0	0	0	0	1	1	0	0	0	0	0
	400 ppm	ő	0	0	0	0	0	0	0	0	0	0	0	0	0
EP BACK	C 1	0	^	0	•	•	•	•		•	•	•			
DI DUON	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX: FEMALE

SEX : FEMALE															PAGE: 3
Clinical sign	Group Name		istration W	leek-day											
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
DEATH	Control	6	6	6	7	. 8	8	8	0	0	0		0	10	10
	100 ppm	7	7	8	8	9	10	10	8 10	8	9	9	9	10	12
	200 ppm	9	10	10	10	10	11	11		10	12	12	12	13	13
	400 ppm	6	6	6	. 6	6	7	7	12 8	15 8	15 10	17 10	17 11	17 12	17 12
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	100 ppm	0	0	1	1	1	1	1	1	1	1	1.	1	1	2
	200 ppm	1	1	1	1	1	1	2	2	2	3	3	4	4	4
	400 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	1	1	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	. 0	0 .	0	0	0
ATAXIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	Q	0	0	0	0	0	0 .
PARALYTIC GAIT	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm 400 ppm	0 ,0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0
ROLLING	Control	0	0	0	0	^		•	•	•	•	•	•	•	•
NOLD INC	100 ppm	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0			0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0 0	0 0	0 0	0 0	0 0	0	0	0	0	0	0
	400 ppin	U	v	U		U	U	U	U	0	0 .	0	0	0	0
ABNORMAL GAIT	Control	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	1	1	1	1	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEP BACK	Control	0	. 0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	1	1	1	1	1	1	1	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

SEX: FEMALE

Clinical sign	Group Name	Admin	istration '	Week-day _						
		99-7	100-7	101-7	102-7	103-7	104-7			
EATH	C+1	10	10	1.4	10	10	10			
SAID	Control	12	13	14	16	16	16			
	100 ppm	13	16	17	18	20	20			
	200 ppm	19	19	19	19	19	19			
•	400 ppm	13	13	13	13	13	13			
ORIBUND SACRIFICE	Control	1	2	2	2	2	3			
	100 ppm	2	2	2	2	2	2			
	200 ррт	4	5	5	5	5	5			
	400 ppm	1	1	1	1	3	3			
OCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0			
	100 ppm	0	0	0	1	0	0			
	200 ppm	0	0	0	0	0	0			
	400 ppm	0	0	0	0	0	0			
JUNCHBACK POSITION	Control	0	0	0	0	0	0			
	100 ppm	Ŏ	Ŏ	Ŏ	ŏ	Ö	Ö			
	200 ppm	ŏ	0	Ö	ő	0	0			
	400 ppm	ō	0	ŏ	ő	ő	Ö			
TAXIC GAIT	Control	0	0	0	0	0	0			
	100 ppm	0	0	0	0	0	0			
	200 ppm	0		0						
		0	0 0	0	0	0	0		•	
	400 ppm	U	U	U	0	0	0			
ARALYTIC GAIT	Control	0	0	0	0	0	0			
	100 ppm	1	0	. 0	0	1	1			
	200 ppm	0	0	0	0	0	0			
	400 ppm	0	0	0	0	0	0			
OLLING	Control	0	0 -	0	0	0	0			
	100 ppm	0	0	0	0	0	0			
	200 ppm	0	0	Õ	Õ	0	° ·			
	400 ppm	0	0	0	0	0	Ö			
BNORMAL GAIT	Control	0	0	0	0	0	0			
	100 ppm	0	0	0	0	0	0			
	200 ppm	0	0	0	0	0	0			
	400 ppm	0	0	0 -	0	0	0			
TEP BACK	Control	0	0	0.	0	0	0			
in bion	100 ppm					0	0			
		0	0	0	0	0	0			
	200 ppm	0	0	0	0	0	0			
	400 ppm	0	0	0	0	0	0			

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : FEMALE

SEX: FEMALE															PAGE: 4
Clinical sign	Group Name		stration W	eek-day _										•	
		1-7	2-7	3 - 7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	117	12-7	13-7	14-7
WASTING	Control	0	0	0	0 .	0	0	0	0	0	0	0	0	0	0
	100 ppm	Ö	ő	0	0	0	0	0	0	0	0.	0	0	0	0
	200 ppm	Õ	Ö	Ö	0	0	Ö	0	ő	0	0	0	0	0	0
	400 ppm	0	Ö	Ö	Ö	0	ő	ő	Ö	ő	ő	ŏ	ő	Ö	ő
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
•	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	. 0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0 .	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
•	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0 -	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	3	3	3	3	3	3	3	3	2	2	1	1
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0 •	0	. 0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX: FEMALE

SEY · LEMALE															PAGE :
Clinical sign	Group Name		stration W												
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
WASTING	0 1	•	•		•	•	•	•	•		•	•	•	•	•
MOLLING	Control	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0 .	0	0	0	0	0
OILED	Control	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	. 0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	ō	0	Ö	Ŏ	Õ	Ŏ	Ŏ	Ö	Ö	Ŏ	Ö	Õ
	200 ppm	0	0	Ö	Ō	Ō	ŏ	Ö	Õ	ő	Ö	Ö	ŏ	. 0	ŏ ·
	400 ppm	0	0	Ö	Ö	0	0	Ö	Ö	Ō	Ö	ő	ő	ő	0
XOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	Ö	0	ő	. 0	ő	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	٥	0	0	^	0
ON THE STATE OF TH	100 ppm	0	0	0	0	0		0	*	0	0	0	-	0	0
	200 ppm	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0
		0	0				0	0		0	0	0	0	0	0
	400 ppm	U	U	0	0	0	0	0	0	0	0	0	0	0	0
XTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	. 0	0	0	. 0
NTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	. 0	0	0	. 0
	100 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	200 ppm	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

SEX : FEMALE

SEX : FEMALE															PAGE:
Clinical sign	Group Name		istration V												
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
WASTING	Control	0	0	0	0	0	0	0	0	0 .	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	Ŏ	Ŏ	Ö	Ö	Ö	Ö	0	Ö	0	0	Ö	0	Ŏ	Ö
	200 ppm	Ö	ŏ	Ö	Ö	0	Ö	0	0	0	0	0	.0	0	0
	400 ppm	Ö	Ö	Ö	Ö	Ö	ŏ	ő	Ö	Ŏ	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	•	^	0	0	^	^	•	
ROO DELLI	Control	0 0	0	0 0	-	0	0	0	0	0	0	0	0	0	0
	100 ppm		0		0	0	0	0	0	0	0	0	0	0	0
	200 ppm 400 ppm	0 0	0 0	0 0	0 0	0 0	0	0 0	0	0 0	0 0	0 0	0 0	0	0 0
COLLED DEDT GENERALLA												-			
SOILED PERI-GENITALIA	Control	0	0	0	0	0.	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0 .	0	0	0	0
	200 ppm	0	0	0	0	0	0	0 -	0	0	0	0	0	0	0
	400 ppm	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	Ó	0	0	Ö	0	0	Ö	0
	200 ppm	0	0	0	0	0	0	Ō	Õ	0	Ö	Ö	ŏ	Ö	Ö
	400 ppm	0	0	0	0	0	0	0	0	ō	ō	Ŏ	. 0	Ö	0
EXTERNAL MASS	Control	0	0	0	0	0	Ö	0	0	0	0	0	0	0	•
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
INTERNAL MASS	C 1	^	^	^	^	^	^	•	•		_	•	•	•	•
TATEMATE WASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
,	100 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	1	1	1	1	. 1	1	1

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX: FEMALE

	Group Name	11/11/11/11	stration W												
	:	43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
												•			
ASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
•	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOERECTION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	Ô	0	Ö	0	0	0	Ö	0
	200 ppm	0	0	Ō	0	0	Ö	Ö	Õ	Ö	Ö	Ö	ŏ	ŏ	ő
	400 ppm	0	0	Ō	0	0	0	0	ō	Ö	Ö	ō	ő	ŏ	ŏ
OG BELLY	Control	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	100 ppm	0	0	0	0	0	0	ō	Ö	0	0	Ō	Ŏ	Ŏ	ō
	200 ppm	0	0	0	0	0	Ö	Ō	Ö	Ö	Ô	Ö	Ö	ŏ	Ö
	400 ppm	0	0	Ō	1	0	Ö	0	ŏ	ő	ő	ő	ő	ő	ő
ILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	Ō	0	0	0
OPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	Ô	0	0	0	Ô	0
	200 ppm	0	0	0	0	0	0	0	0	Õ	Ö	Ö	ŏ	Ŏ	Ö
	400 ppm	0	0	0	Ö	Ŏ	Ö	0	ŏ	Ö	ŏ	ŏ	ő	ő	o o
RNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	Ô	Ö	0	Ö	0	Ö	Ö	0	ő	Ö
	200 ppm	0	Õ	Ö	Ö	Ö	Ö	0	Ö	0	0	0	0	Ő	0
	400 ppm	0	Ö	Ō	Ö	ŏ	Ö	0	ő	Ö	0	0	ő	0	0
TERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	Ö	Ŏ	0	Ö	1	1	1	Ö	0	Ŏ	0	0	. 0
	200 ppm	0	0	ő	Ö	0	0	0	Ô	0	0	ŏ	0	0	0
	400 ppm	0	0	Ō	Ö	Ö	Ö	Ö	ő	ő	ő	ő	ŏ	ő	0
TERNAL MASS	Control	0	0	1	1	1	1	1	0	0	0	0	1	. 1	1
	100 ppm	1	1	2	2	2	1	1	1	0	0	0	0	0	0
											-	•	-		1
											-	-	_		0
	200 ppm 400 ppm	0 1	0 1	0 2	0 3	0 2	0 2	0 2	0 2	0 0 2	0 0 2	0 0 1		1 0	1 1

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : FEMALE

Clinical sign	Group Name	Admini	istration W	leek-day											
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67–7	68-7	69-7	70-7
WASTING	Cantra 1	0	0	0		٥	^	•	•	^	•	•	•		0
A51110	Control 100 ppm	1	0 0	0 0	0 0	0 0	0 0	0 0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0 0	0 0	0 0	0 0	0 0	0 0
OILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	Ō	0
	200 ppm	0	. 0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILOERECTION	Control	0	0	0	0	0	0 -	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	2
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROG BELLY	Control	1	0	0	0	0	0	1	1	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	200 ppm	1	0	0	1	1 .	1	1	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
XOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	. 0	0
ORNEAL OPACITY	Control	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
XTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NTERNAL MASS	Control	1	0	0	0	0	1	1	1.	0	0	0	0	1	1
	100 ppm	0	0	0	0	0	0	1	1	1	1	1	2	1	1
	200 ppm	1	0	0	0	1	1	1	0	0	0	0	0	0	1
	400 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX: FEMALE

SEX : FEMALE															PAGE: 4
Clinical sign	Group Name		istration W												
		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
WASTING .	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0 .	0	ő
	200 ppm	Ö	0	0	Ö	ő	Ö	0	1	1	0	Ŏ	Ö	Õ	Ö
	400 ppm	0	ő	ő	ő	- 0	ő	ő	Ô	0	ő	ő	ŏ	ő	0
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	100 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	1	1	2	2	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	1	1	1	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	. 0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 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
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	0	0	0	0	0	1	1	. 1	2	2	2	2	2
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
INTERNAL MASS	Control	1	1	1	1	1	1	1	1	0	0	. 0	0	0	1
	100 ppm	0	0	1	. 1	1	0	0	0	0	0	0	0	0	0
	200 ppm	1	1	1	1	1	2	1	2	2	1	2	3	3	4
	400 ppm	0	0	0	0	0	0	0	0	0	2	2	2	1	1

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : FEMALE

SEA · PEMALE															PAGE: 4
Clinical sign	Group Name	Admini	stration W	eek-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
WASTING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED	Control	0	0	0	0	0	Ö	0	0	0	0	0	0	0	0
	100 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	. 0	0	1	1	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0 .	0	. 0	0
FROG BELLY	Control	0	0	0	1	1	2	2	2	2	3	3	3	3	1
	100 ppm	0	0	0	0	0	0	0	1	1	Ö	Õ	Ö	Ŏ	ō
	200 ppm	1	0	0	1	1	2	3	2	2	3	2	1	1	ì
	400 ppm	0	0	0	0	0	0	1	1	1	1	2	1	ō	ō
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	Ó	0	0	0	Ō	Ö	Ŏ	ŏ	Ô	Õ	Ŏ	ŏ	Ö
	200 ppm	0	0	0	0	0	0	1	0	Ö	Õ	Ö	Ŏ	ő	Ö
	400 ppm	0	0	0	0	0	0	ō	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	1	1	1	. 1	1	1	1	1	1	1	1	1	0	0
	100 ppm	ō	ō	Ō	0	0	Ô	Ô	Ō	Ō	Ô	0	0	0	Ö
	200 ppm	0	Ō	Õ	0	Ö	Ö	ŏ	Ö	Ö	Ŏ	0	Ŏ	0	o .
	400 ppm	0	Ō	0	Ö	0	0	ő	ŏ	Ö	ő	ő	ő	Ö	0
CORNEAL OPACITY	Control	0	0	0	1	1	1	1	1	1	1	1	1	0	0
	100 ppm	Ŏ	Ô	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	Ö	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	Ö	ŏ	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	. 1	1	1	0	1	1	1		1		•	1	0	٥
	100 ppm	2	2	0	0	0	0	1 0	1 0	1 0	1 0	1 0	1 0	0 0	0
	200 ppm	1	1	1	1	0	0	0	0	0	0	0	0		1
	400 ppm	1	1	1	1	1	1	2	2	3	3	3	3	1 3	1 • 3
INTERNAL MASS	Control	2	2	o	0	•	0	•		0			•	-	0
TITLE THE DELLOW	100 ppm	.0	0	2 0	2 0	2	2	2	4	3	4	4	6	5	3
	200 ppm	3	2			0	. 0	0	2	2	1	1	1	1	2
	400 ppm	3 1	1	2 2	3 2	3 3	. 2	. 3	4	3	3	2	1	1	1
	mdd vo r	1	1	4	4	ð	4	3	2	2	2	2	1	2	0 .

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : FEMALE

Clinical sign	Group Name	Admin	istration	Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7		
ASTING	Control	0	0	0	0	0	0		
	100 ppm	0	0	0	0	0	0		
	200 ppm	0	0	0	0	0	0		
	400 ppm	0	0	0	0	0	0		
OILED	Control	0	0	0	0	0	0		
	100 ppm	0	0	0	0	0	0		
	200 ppm	0	0.	0	0	0	0		
	400 ppm	0 .	0	0	0	0	0	·	
PILOERECTION	Control	0	0	0	0	0	0		
	100 ррт	0	0	0	0	0	0		
	200 ppm	0	0	0	0	0	0		
	400 ppm	0	0	0	0	0	0		
ROG BELLY	Control	2	0	0	0	1	1		
	100 ppm	0	1	0	0	0	0		
	200 ppm	1	1	1	1	1	2		
	400 ppm	0	0	1	1	0	1		
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0		
	100 ppm	0	0	0	0	0	0		
	200 ppm	0	0	0	0	0	0		
	400 ppm	0	0	0	0	0	0		
EXOPHTHALMOS	Control	0	0	0	0	0	0		
	100 ppm	0	0	. 0	0	0	0		
	200 ppm	0	0	0	0	0	0		
	400 ppm	0	0	0	0	0	0		
CORNEAL OPACITY	Control	0	0	0	0	0	0		
	100 ppm	0	0	0	0	0	0		
	200 ppm	0	0	0	0	0	0		
	400 ppm	0	0	0	0	0	1		
EXTERNAL MASS	Control	0	0	0	0	0	0	•	
	100 ppm	1	0	0	1	1	1		
	200 ppm	1	0	0	0	0	0		
	400 ppm	3	3	3	2	2	2		
INTERNAL MASS	Control	4	2	2	3	3	2		
	100 ppm	2	2	1	1	Õ	1		
	200 ppm	0	0	î	0	Ö	0		
	400 ppm	0	0	2	Ö	Ö	Ö		
	••			_		-	•		

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX: FEMALE

Clinical sign	Group Name	Admini	stration We	eek-dav											
		1-7	2-7	3-7	4-7	5–7	6-7	77	8-7	9-7	10-7	11-7	12-7	13-7	14-7
PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0 .	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	Ō	Ō	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	ō	0	0	Ö
ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	Ō	Ö	0	0	Ō	Ö	Ŏ
	200 ppm	0	0	0	0	0	0	0	Ö	Ö	Õ	Ŏ	ŏ	ő	ŏ
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	Ö	Ö	Ō
ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	Ō	Ō	0	Ö	Ö	Ö	Ŏ	Ŏ	Ô	ŏ
	200 ppm	0	0	0	0	Ô	Ō	0	0	Ō	Ö	Ō	Õ	Õ	Õ
	400 ppm	0	0	0	0	0	0	0	0	Ö	Ö	Ö	Ö	0	Ö
. INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	Ö	Ō	0	Ō	Ŏ	Ö	Ö	ŏ	ő	Õ	0	0
	200 ppm	0	0	0	Õ	Õ	Ŏ	0	0	Ö	Ö	ő	0	0	0
	400 ppm	Ō	0	Ö	Ö	ő	ő	Ö	0	0 .	0	0	0	0	Ö
HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	. 0	0	0	0
	100 ppm	ŏ	Ŏ	0	Ö	Ŏ	Ő	0	0	0	0	. 0	0	0	0
	200 ppm	ő	Ö	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	ő	Ö	0	0	0	0	0	0	0	0	0	. 0	0
GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	ŏ	Ö	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0
	400 ppm	ő	0	0	0	0	0	0	0	0	0	0	0	. 0	0
ANUS	Control	0	0	0	0	0	0	0	, 0	0	0	0	0	0	^
. =	100 ppm	ő	0	0	0	0	0	. 0		0		0	-	-	0
	200 ppm	0	0	0					0	-	0	•	0	0	0
		0	0		0	0	0	0	0	0	0	0	0	0	0
	400 ppm	v	U	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

REPORT TYPE : A1 104

SEX: FEMALE

														PAGE
Group Name	Admin	istration W	eek-day											
<u> </u>	15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
Control	0	0		0	0		^	•	•		•	•	•	•
														0
														0
400 ppm	0	0	0	0	0	0	0	0	0	.0	0	0	0	0 0
Control	0	0	0	٥	0	0	٥	٥	0	0	0	٥	0	٠ 0
													-	0
														0
400 ppm	Ŏ	ő	0	0	0	0	0	0	0	0	0	0	0	0
Control	0	0	0	0	0	0	0	^		٥	0	^	0	•
				-					-	-	•	-		0 .
											•		-	0
200 ррш 400 ррт	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0 0
	^	•		•		•					_	-		
			-		*	_				-	-		-	0
								-			-			0
200 ppm 400 ppm	0	0	0	0	0	0 .	0	0	0	0 0	0	0	0	0 0
	•	•					_				_	-	_	•
											•			0
											•			0
														0
400 ppm	U	U	U	U	U	U	0	0	0	0	0	0	0	0
Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0
200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 ppm	0	0	0	Ö	0	Ö	Ö	Ö		*	-	0		Ö
200 ppm	0	Ô	0	ō	Ŏ	Ö						-		0
400 ppm	0	0	0	0	0	0	ō	ő	0	Ö	ő	Ö	Ö	0
Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		*						-			-	-		0
= =											-	-		0
400 ppm	Ö	Õ	0											0
	Control 100 ppm 200 ppm 400 ppm 200 ppm 400 ppm 200 ppm 200 ppm 200 ppm 400 ppm Control 100 ppm 200 ppm Control 100 ppm 200 ppm Control 100 ppm 200 ppm	Control 0 100 ppm 0 200 ppm 0 400 ppm 0 Control 0 100 ppm 0 200 ppm 0 200 ppm 0 400 ppm 0 Control 0 100 ppm 0 200 ppm 0 400 ppm 0 Control 0 100 ppm 0 200 ppm 0 400 ppm 0 Control 0 100 ppm 0 200 ppm 0 400 ppm 0 Control 0 100 ppm 0	Control 0 0 100 ppm 0 0 200 ppm 0 0 400 ppm 0 0 400 ppm 0 0 Control 0 0 100 ppm 0 0 200 ppm 0 0 200 ppm 0 0 400 ppm 0 0 Control 0 0 100 ppm 0 0 200 ppm 0 0 200 ppm 0 0 400 ppm 0 0 Control 0 0 100 ppm 0 0 200 ppm 0 0 Control 0 0 100 ppm 0 0 200 ppm 0 0 200 ppm 0 0 Control 0 0 100 ppm 0 0 200 ppm 0 0 Control 0 0 100 ppm 0 0 200 ppm 0 0 Control 0 0 200 ppm 0 0 Control 0 0 Control 0 0 200 ppm 0 0 Control 0 0 200 ppm 0 0 Control 0 0	Control 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Control 0 0 0 0 0 100 ppm 0 0 0 0 0 0 0 0 0	Control 0	Control O O O O O O O O O	Control O O O O O O O O O	Control 0	Control O O O O O O O O O	Control O O O O O O O O O	Control O O O O O O O O O	15-7	15-7

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

Y . 29

SEX : FEMALE

Clinical sign	Group Name	Admini	stration We	eek-dav											
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
PERI EAR	Control	^	^	0	•	٥	٥			•			•		•
FERT EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm 400 ppm	0 0	0 0	0	0 0										
. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0 -	0	0	0	0	0	0	0
	200 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABDOMEN	Control .	0	0 .	0	0	0	0	0	0	0	0	0	. 0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	. 0	0	0	0
. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0 .	0	0	0	0
. INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	. 0	0	0	0	0	0	0	0	0	0	0
HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENITALIA	Control	0	0	0	0	0	0	0.	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0,	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANUS	Control	. 0	0	0	0	0	0	0	0	. 0	. 0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0 -	0	0	-0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX: FEMALE

Clinical sign	Group Name	A 1	W	1. 1						-					
IIIIIcai Sigii	Group Name	43-7	istration We 44-7	ек-аау 45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	E4_7	EE_7	FG_7
		45 1	11-1	45-7	40-7	41-1	40-1	49-7	50-7	21-1	52-1	53-7	54-7	55-7	56-7
.PERI EAR	Control	0	0	0	0	0	0	•	^	0		٥	•		•
IERI EAR	Control 100 ppm	0 0	0	0	0 0	0 0	0	0	0	0	0	0	0	0	0
							-	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0 .	0	0	0	0 .	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	٥	0
. CARDIND	100 ppm	0	0	0	0	0	0	0	0					0	
			0							0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	U	U	0	0	0	0	0	0	0	0	0	0	0
ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	. 0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ррт	0	0	0	0	. 0	0	0	0	0	0	0	Ö	Ō	ō
	200 ppm	0	0	0	0	0	0	0	0	Ō	Ō	Ö	Ö	Ŏ	ŏ
	400 ppm	0	0	0 .	0	0	0	0	Ö	Ŏ	ŏ	ő	Ö	0	ŏ
INTERSCAPULUM	Control	0	0	0	0	0	^	•	^	^		•	•	•	•
INTERSCALOLOM			-		0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm 400 ppm	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0
	400 phii	U	v	U	U	U	U	U	U	U	U	U	U	U	0
HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	1	1	1	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ppm	•	·	·	•	v	v	v	V	v	Ū	v	v	v	V
ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX: FEMALE

Clinical sign	Group Name	Admini	stration We	ek-day											
		57 -7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
A. PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	. 0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0
	100 ррт	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	.0	0	0	0	0	0	0	0	0	0	0	0	0
FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	1	1	1	1	1 .	1	1	1	1	1
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	Ô	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	Ō	Ö	Ō	Ö	Õ
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	ō	0
. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	Ô	0	0	Ö	Ö	ō	Ŏ	Ŏ	Ŏ	Õ
	200 ppm	0	0	0	0	0	0	0	0	Ö	Ö	0	Ŏ	ŏ	ŏ
	400 ppm	0	0	0	0	Ō	0	0	Ö	0	Ö	0	0	ō	0
. INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	. 0	0	0	. 0
	100 ppm	Ö	Ö	Ö	Ŏ	0	Ö	Ŏ.	Ŏ	0	Ö	0	0	0	0
	200 ppm	Ō	Ŏ	Õ	ő	ő	0	ő	Ö	0	0	0	0	0	ő
	400 ppm	0	0	ő	Ö	ŏ	ő	ő	ő	0	0	0	Ö	0	0
. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	Ō	. 0	Ö	Ö	Ŏ	Ö	1	1	1	1	1	1	1	1
	200 ppm	0	Ö	Ö	Ö	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	Ö	Ö	Ö	ŏ	ő	ŏ	ő	0	ő	Ö	Ö	Ö	0
GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	Ö	Ö	0	ő	0	0	0	0	0	0	0	0	0
	200 ppm	Ŏ	Ö	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	Ö	Ö	Ö	Ö	ő	0	Ö	ő	Ö	0	0	0	0	0
ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-	100 ppm	0	0.	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0					
	400 ppm	0	0	0	0	0	0	0	0	0	0	0 0	0 0	0	0 0
	100 ppm	•	•	v	v	v	v	U	U	. •	U	U	U	0	U

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : FEMALE

												_			PAGE :
Clinical sign	Group Name		istration W												
		71-7	72-7	73-7	74-7	7 5–7	76-7	77-7	78-7	79–7	80-7	81-7	82-7	83-7	84-7
PERI EAR	Control	0	0	0	0 .	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	Ŏ	ő	Ŏ	Õ	Ö	Ö	Ŏ	Ö	0	Õ	Ö	0	ő
	200 ppm	0	ŏ	Ö	ő	0	0	0	Ö	0	0	0	. 0	0	0
	400 ppm	Ö	ŏ	Ö	ŏ	Ö	Ö	ŏ	Ö	0	ő	Ö	Ö	Ö	Ö
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
a. Indomini	100 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
		0			0	0				-	-				_
	200 ppm 400 ppm	0	0 0	0 0	0	0	0 0	0	0 0						
M. ANTERIOR. DORSUM	0 . 4 1	•	0		•	•	•	•	•	•	•	•	•	•	
M. ANTERTOR. DURSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0 .
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. INTERSCAPULUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
,	200 ppm	0	0	0	0	0	0	0	0 ,	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm '	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	Ö	Ō	Õ	Ŏ	Ö	Ŏ	Ö	Ö	0	0	Ŏ	ő
	200 ppm	0	Ō	Õ	0	Õ	Ŏ	ŏ	0 -	Ö	Ŏ	0	Ö	0	ő
	400 ppm	0	0	0	Ō	0	0	Ŏ	Ō	Ö	Ö	0	Ö	Ö	Ö
M. ANUS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	Ö	ŏ ·	Ö	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	Ö	ŏ	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	Ö	ŏ	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	•	v	v	ŭ	v	v	v	v	v	U	v	v	v	v

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

REPORT TYPE : A1 104

SEX : FEMALE

SEX : FEMALE															PAGE: 5
Clinical sign	Group Name		stration V												
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
M. PERI EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	Ö	Ö	Õ	Ö	ŏ	Ö	Ö	Ŏ	0	0	0	0	0	ő
•	200 ppm	0	0	0	0	0	0	Ö	Ö	Õ	Ŏ	Ŏ	Ŏ	o .	Ö
	400 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M. NECK	Control	1	1	1	0	0	0	0	1	1	1	1	1	0	0
	100 ppm	0	0	0	0	0	0	. 0	0	0	0	ō	ō	Õ	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	Ō	0
	400 ppm	0	0	0	0	0	0	0	0	1	1	1	1	0	0
M. FORELIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	Ō	Ö	Ö	Ŏ	Ŏ	0
	200 ppm	0	0	0	Ō	0	Ŏ	0	Ö	Ö	Ö	0	ŏ	ŏ	0
	400 ppm	0	0	0	0	0	0	ō	ō	Ö	Ö	ō	ő	ŏ	Ö
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	1	0	0	0	Ö	Ö	Ö	Ö	Ö	Ö	ŏ	ő	i
	200 ppm	0	0	0	0	0	Ō	Ö	. 0	Ö	Ö	0	ŏ	Ö	ō
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	Ö	0	0
M. ANTERIOR. DORSUM	Control	0	0	0	0	1	1	1	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	Ô	0	0	Ō
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	Ŏ	Ŏ	Ö
	400 ppm	0	0	. 0	0	0	0	0	0	0	0	Ō	0	1	1
M. INTERSCAPULUM	Control	0	0	0	0	0	0	0	0.	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	Ö	Ö	Ö	Õ	Ö
	200 ppm	0	0	0	0	0	0	0	0	0	0	Ö	Ō	ō	Õ
	400 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
M. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	1	1	0	0	0	0	0	0	0	0	0	Ō	Ō	Ö
	200 ppm	0	0	0	0	0	0	• 0	0	0	0	0	0	0	Ō
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	Ô	0	Ŏ	Ŏ	Õ	Ŏ	Ö	Ö	Ŏ	ŏ	ŏ
	200 ppm	1	1	1	1	0	0	0	Õ	Ō	Ö	Õ	Õ	Ŏ	Õ
	400 ppm	0	0	0	0	0	0	0	0.	0	0	0	0	0	0
M. ANUS	Control	0	. 0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	Ô	Ō	0	0	Ô	Ö	Õ	Õ	Ŏ	ŏ	Ŏ	Ö
	200 ppm	0	0	0	0	0	Ö	Ō	. 0	Õ	Ö	Ö	ŏ	1	1
	400 ppm	0	0	0	0	0	0	0	0	Ö	0	0	Ō	ō	0

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : FEMALE

Clinical sign	Group Name	Admin	istration '	Week-day							
	VIVAP INDIO	99-7	100-7	101-7	102-7	103-7	104-7		 -		
							•				
M. PERI EAR	Control	0	0	0	0	0	0				
	100 ppm	0	0	0	0	0	0				
	200 ppm	0	0	0	0	0	0				
	400 ppm	1	1	1	1	1	1				
I. NECK	Control	0	0	0	0	0	0				
	100 ppm	Ö	Ŏ	0	0	0	Ŏ				
	200 ppm	0	0	0	Ö	Ō	0				
	400 ppm	0	0	0	0	0	0				
M. FORELIMB	O 1	•	•	^	•	•					
. PORELIMB	Control 100 ppm	0 0	0 0	0	0	0	0				
				0	0	0	0				
	200 ppm 400 ppm	0 0	0 0	0 0	0 0	0 0	0 0				
	400 ppui		U	U	U	U	U				
I. ABDOMEN	Control	0	0	0	0	0	0				
	100 ppm	1	0	0	0	0	0				
	200 ppm	0	0	0	0	0	0				
	400 ppm	0	0	0	0	0	0				
L ANTERIOR. DORSUM	Control	0	0	0	0	0	0			•	
	100 ppm	Ö	ŏ	Ö	0	0	0				
	200 ppm	Ö	Ŏ	ő	Ö	0	0				
	400 ppm	1	1	1	0 -	0	Ö				
I. INTERSCAPULUM	Control	0	^	^	0	0	^				
I. INTERSORFULUM	Control 100 ppm	0 0	0 0	0	0	0	0				
	200 ppm	0	0	0	0	0	0				
	400 ppm	1	1	0 1	0 1	0 1	0 1				
	FF	_	-	-	•	•	•				
.HINDLIMB	Control	. 0	0	0	0	0	0				
	100 ppm	0	0	0	1	1	1				
	200 ppm	0	0	0	0	0	0				
	400 ppm	0	0	0	0	0	0				
. GENITALIA	Control	0	0	0	0	0	0				
	100 ppm	0	0	0	0	0	0				
	200 ppm	Ö	ő	Ő	0	0	0				
	400 ppm	Ö	Ö	ő	ŏ	Õ	Ö				
I. ANUS	C+1	^	^	^	^	^	^				
. INTOO	Control 100 ppm	0 0	0 0	0	0	0	0				
	200 ppm	1	0	0	0	0	0				
	200 ppm 400 ppm	0	0	0 0	0	0	0				
	400 ppm	U	U	U	0	0	0 .				

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

REPORT TYPE: A1 104

SEX : FEMALE

Clinical sign	Group Name		stration W					***							
		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
RUSTA	Control	. 0	٥	0	0	0	•	^	•	•	٥	•		•	•
WICOM			. 0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0 0	0	0	0	0	0	0	0 .	0	0	0	0	0	0
	200 ppm	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	U	U	U	0	0	0	0	0	0	0	0	0	0	0
ORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	. 0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	Ŏ	0	ő	ő	0	0	Ô	Ö	0	0	0	0	0
	200 ppm	0	Ö	Ö	ŏ	Ő	Ö	0	. 0	0	0	0	0	0	Ö
	400 ppm	0	0	0	Ö	0	Ö	Ö	0	Ö	0	ő	0	0	ő
ACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	•	^
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	±00 ppm	V	U	U	U	U	U	U	U	U	U	U	U	U	0
EEP BREATHING	Control	0	0	0	.0	0	0	0	0	0	0	0	0	0	0
•	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0 ·	0	0	0	0	0	0	0	0	0	0	0
UBNORMAL TEMP	Control	0	0	0	. 0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	Ô	Ö	Ŏ	Ö	0	Ö	Õ	0	Õ	Õ	0
	200 ppm	0	0	0	0	Ō	Ō	Ö	Õ	0	ŏ	0	Õ	Ŏ	0
	400 ppm	0	Ō	0	0	Ö	0	Ö	0	Ö	0	ŏ	Ö	Ö	0
ON REMARKABLE	Control	50	50	50	50	49	49	49	49	49	49	49	49	49	49
	100 ppm	49	49	46	46	46	46	46	46	46	46	47	47	48	48
	200 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	400 ppm	50	50	50	50	50	49	50	50	50	49	49	49	49	49

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1] REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : FEMALE

Clinical sign	Group Name	Admin	istration W	eek-day											
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	, 0	0	0	0	. 0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	Ô	0	Ŏ	Ō	. 0	Ŏ	Ô	Ô	Õ	Ŏ	ő
	200 ppm	0	Ö	0	Ŏ	0	0.	ő	Ö	0	Ö	0	0	0	1
	400 ppm	0	ő	Õ	ō	Ö	ő	ő	Ö	Ö	0	0	0	0	0
RREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	Ö	0	0	0	0	0	0	0	0	0	0	0	0	
	. 200 ppm	0	0	0	0	0	0	0	0	0	0	0	-	_	0
	. 200 ppm 400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	U	U	U	U	U	U	U	U	U	U	U	U	U	0
'ACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0 .	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0
EEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	Ô	0	Ŏ	Ö	Õ	Ŏ	Ô
	200 ppm	0	. 0	0	0	Ö	Ō	Ö	Õ	0	0	Ö	0	ő	ő
	400 ppm	0	0	0	0	0	0	0	Ö	Ö	ő	ő	0	0	0
UBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	~ 0	0	0	0	0	0
	. 100 ppm	0	Ö	Ö	ő	0	0	. 0	1	0	0	0	0	0	0
	200 ppm	Ō	Ö	Ŏ	ŏ	Ö	Ö	0	Ō	0	0	0	0	0	0
	400 ppm	0	0	,0	Ö	ő	ő	Ö	ŏ	0	0	0	0	0	0
ON REMARKABLE	Control	49	49	49	49	49	49	49	49	49	49	49	49	49	49
	100 ppm	48	48	48	48	48	48	48	47	47	47	47	47	49 47	49 47
	200 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	47
	400 ppm	49	49	49	49	49	49	49	49	49	49	49	50 49	50 49	49 49

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

SEX: FEMALE

Clinical sign	Group Name	Admin	istration N	Week-day											
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
RUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	٥
A05111	100 ppm	0	0	0	0	0	0	0	0	0	0	0	-	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0
	400 ppm	0	ő	0	0	0	0	0	0	0	0	0	0	0	0 0
ORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
	200 ppm	1	1	0 .	0	0	0	0	0	0	0	0	0	Ö	ŏ
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	. 0	Ō
RREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0
ACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	.0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0
ON REMARKABLE	Control	49	49	49	49	49	49	49	49	49	49	49	49	49	49
	100 ppm	47	47	47	47	47	47	47	47	47	47	47	47	47	47
	200 ppm	49	49	.49	49	49	49	49	49	49	49	49	49	49	49
	400 ppm	49	49	49	49	49	49	49	48	48	48	48	48	48	48

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX : FEMALE

Clinical sign	Group Name		stration V												
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
RUSTA	Control	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0
	100 ppm	Ŏ	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	Ö	ő	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	ő	ő	Ö	ő	0	0	0	0	0	0	0	0	0	0
ORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
*	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RREGULAR BREATHING	Control	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0
UBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON REMARKABLE	Control	49	49	48	48	48	48	48	48	48	48	48	47	47	47
	100 ppm	47	47	46	46	46	46	46	46	47	47	47	47	47.	47
	200 ppm	49	49	49	49	49	49	49	49	49	49	49	48	48	48
	400 ppm	48	48	47	46	46	46	46	46	46	46	46	47	47	47

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

REPORT TYPE : A1 104

SEX: FEMALE

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Clinical sign	Group Name	Admin	istration W	eek-day											
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65–7	66-7	67-7	68-7	69-7	70-7
CRUSTA	${\tt Control}$. 0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0
	. 400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	1	1	1	1	1	1	1	2	2	2	2	2
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	Ō	0
RREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	Ö	ō	Ŏ	Ö	Ö	Ö	Ŏ	Ö	1
	200 ppm	0	0	. 0	0	0	Ō	Ŏ	Ö	Ö	Ö	0	Õ	0	0
	400 ppm	0	Ō	Ō	ō	Ö	Ö	ő	ŏ	Ö	ő	ő	Ö	ő	ő
ACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0 .	0	0	0
	100 ppm	Ŏ	Ö	Ö	Ö	0	Ő	0 '	0	Ô	0	0	0	0	0
	200 ppm	0	Ö	Ö	Ö	Ö	0	0	Ŏ	0	0	0	0	0	0
	400 ppm	0	Ö	Ö	ő	ő	0	Ö	ő	0	0	ő	0	Ŏ	0
EEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	Ö	0	Ö	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	. 0	0	0	0	0	0	0	0	0	0	0	0	0
UBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	Ŏ	0	Ö	Ö	0	0	0	0	0 -	0	0	0	0	0
ON REMARKABLE	Control	47	47	47	47	47	46	46	45	45	45	45	45	44	44
·	100 ppm	46	47	46	46	45	45	44	43	43	43	43 43	45 42	44 42	
	200 ppm	48	48	48	47	47	45 47	47	44 47	44 47	43 47	43 47	42 47		42
	400 ppm	47	47	47	47	47	47	47	47	47	47	46	46	47 45	46 45

(HAN190)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

CLINICAL OBSERVATION (SUMMARY) ALL ANIMALS

REPORT TYPE: A1 104

SEX: FEMALE

PAGE: 62

Clinical sign	Group Name	Admini	istration V												
		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
RUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	, o	0	0	1	0
ORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RREGULAR BREATHING	Control	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	100 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEP BREATHING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JBNORMAL TEMP	Control	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	0	0	0	0	0	0	Ô	0	Ö	Ō	Ö
	200 ppm	0	0	0	0	0	0	0	0	0	0	0	Ō	Ō	Ö
	400 ppm	0	0	0	0	0	0	0	0	0	0	Ō	0	Õ	ŏ
ON REMARKABLE	Control	44	44	44	44	44	44	44	44	44	44	44	43	43	43
	100 ppm	42	42	4 2	42	42	42	41	41	41	40	39	39	39	38
	200 ppm	46	46	4 6	46	45	44	44	42	42	42	41	40	40	37
	400 ppm	46	46	46	46	46	46	46	46	46	43	43	43	42	42

(HAN190)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

CLINICAL OBSERVATION (SUMMARY)
ALL ANIMALS

REPORT TYPE : A1 104

SEX : FEMALE

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			istration W	con uu,											
		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
CRUSTA	Control	0	0	0	0	0	0	^	0	0	^	•	•	•	•
жови	100 ppm	0	0		0	0	0	0	0	0	0	0	0	0.	0
	200 ppm	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	0 0	0	0								
	400 ppm	U	v	v	U	U	U	U	U	U	U	U	U	0	U
ORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	2	2	2	2	2	1	1	1	1	1	1	1	1	1
	200 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	400 ppm	0	0	0	0	0	0	0	0	Ō	ō	0	ō	ō	0
RREGULAR BREATHING	Control	0	0	0	0	0	1	1	1	1	2	2	2	0	1
	100 ppm	٥	Ŏ	0	0	0	0	0	0	0	0	0	0	0	0
	200 ppm	Ö	ő	0	0	0	0	2	1	0	0	0	0	0	0
	400 ppm	0	ŏ	ŏ	0	0	0	0	0	0	0	0	0	0	0
A CHANDAID 4	0 . 1	•	•	•	_	_	_								
'ACHYPNEA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	0	0	0	. 0	0	0	0	0	0	0	0	0	0	0
	200 ppm	0	0	0	0	. 0	' 1	0	0	0	0	0	0	0	0
	400 ppm	0	0	0	, 0	0	0	0	0	0	0	0	0	0	0
DEEP BREATHING	Control	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0
	100 ppm	0	0	. 0	0	0	0	0	0	0	0	0	Ö	Ö	Ŏ
	200 ppm	0	0	0	0	1	0	0	Ô	0	Ō	0	Ö	Ö	ŏ
	400 ppm	0	0	0	0	0	0	0	0	Ō	0	ō	Ö	ō	0
SUBNORMAL TEMP	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100 ppm	ő	0	0	Ö	0	0	0	0	0	0	0	0	0	0
	200 ppm	ő	0	Ő	0	1	0	0	0	0	0	0	0	0	0
	400 ppm	ŏ	Ö	ő	Ö	0	0	o	0	0	. 0	0	0	0	0
ON REMARKABLE	Control	41	41	41	41	39	39	20	97	20	36	96	9.4	0.4	90
TANAM BANAM	100 ppm	38	38	38	38	39 37	39 37	39 37	37 35	38		36	34	34	33
	200 ppm	35	35	35 35	36 34	35	33	37 31	35 30	35	34	34	34	33 26	30
	400 ppm	41	41	40	40	39	39	31 37	30 37	29 36	27 34	26 34	26 34	26 32	26 34

(HAN190)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : Al 104

CLINICAL OBSERVATION (SUMMARY)

ALL ANIMALS

SEX: FEMALE

Clinical sign	Group Name	Admin	istration	Week-day _							
		99-7	100-7	101-7	102-7	103-7	104-7				
								_	 		
CRUSTA	Control	0	0	0	0	0	0				
	100 ppm	0	0	0	0	0	0				
	200 ppm	0	0 .	0	0	0	0				
	400 ppm	0	0	0	0	0	0				
TORTICOLLIS	Control	0	0	0	0	0	0				
	100 ppm	1	1	1	0	0	0 .				
	200 ppm	1	1	1	1	1	1				
	400 ppm	0	0	0	0	0	0				
IRREGULAR BREATHING	Control	1	1	1	0	0	0				
	100 ppm	Ō	Ō	ō	1	Ŏ	Ö				
	200 ppm	Ō	Ö	ŏ	Ō	Ŏ	Ö				
	400 ppm	ő	Ö	Ö	0	. 0	Ö				
TACHYPNEA	Control	0	0	0	0	0	0				
	100 ppm	Ö	Ö	ő	Ö	ő	0				
	200 ppm	Ö	ő	. 0	Ö	ŏ	0				
	400 ppm	ō	0	0	0	0	Ō				
DEEP BREATHING	Control	0	0	. 0	0	0	0			4	
	100 ppm	ō	ŏ	ő	0	ŏ	Ö				
	200 ppm	Ŏ	ō	Ö	Ö	ŏ	Ö				
	400 ppm	Ō	Ŏ	ŏ	0	Ö	Ö				
SUBNORMAL TEMP	Control	0	0	0	0	0	0				
	100 ppm	0	ő	ő	Ö	0	Ö		-		
	200 ppm	Ö	ő	Ö	Ö	0	0				
	400 ppm	Ö	0	Ö	ő	Ö	0				
NON REMARKABLE	Control	32	32	31	29	29	29				
	100 ppm	29	28	28	27	26	25				
	200 ppm	25	24	23	24	24	23				
	400 ppm	33	33	31	33	32	31				

TABLE D1

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

MEAN BODY WEIGHTS AND SURVIVAL

STUDY NO. : 0676

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

UNIT : g
REPORT TYPE : A1 104
SEX : MALE

Control 100 ppm 400 ppm 200 ppm Av. Wt. No. of Av. Wt. % of No. of Av. Wt. % of No. of Av. Wt. % of No. of Week Surviv. Surviv. Surviv. Surviv. cont. cont. cont. on Study <50> <50> <49> <50> 0 23.5 (50) 50/50 23.5 (50) 100 50/50 23.5 (49) 100 49/49 23.5 (50) 100 50/50 24.4 (50) 1 24.6 (50) 50/50 99 50/50 24.9 (49) 49/49 24.3 (50) 99 50/50 101 2 25.7 (50) 50/50 25.1 (50) 98 50/50 25.6 (49) 100 49/49 24.9 (50) 97 50/50 26.3 (50) 25.6 (50) 3 50/50 25.3 (50) 96 50/50 26.1 (49) 99 49/49 97 50/50 26.8 (50) 26.1 (50) 4 50/50 25.5 (50) 95 50/50 26.7 (49) 100 49/49 97 50/50 27.5 (50) 50/50 26.3 (49) 96 49/50 27.5 (49) 26.5 (49) 96 49/50 100 49/49 28.1 (50) 50/50 26.9 (49) 96 27.0 (49) 49/50 49/50 27.9 (49) 99 49/49 96 28.9 (50) 50/50 49/50 27.6 (49) 96 49/50 28.5 (49) 99 49/49 27.5 (49) 95 29.7 (50) 50/50 28.7 (48) 97 48/50 29.3 (49) 99 49/49 28.0 (49) 94 49/50 30.3 (50) 50/50 29.2 (48) 96 29.7 (49) 28.5 (49) 49/50 48/50 98 49/49 94 30.9 (50) 10 50/50 29.5 (48) 95 49/50 48/50 30.4 (49) 98 49/49 29.1 (49) 94 11 31.5 (50) 50/50 30.1 (48) 96 48/50 31.2 (49) 99 49/49 29.9 (49) 95 49/50 12 32.5 (50) 50/50 31.2 (48) 96 30.6 (49) 49/50 48/50 31.9 (49) 98 49/49 94 13 33.0 (50) 50/50 31.8 (48) 96 48/50 32.5 (49) 98 49/49 31.1 (49) 94 49/50 14 33.3 (50) 50/50 31.9 (48) 96 48/50 33.0 (49) 99 31.5 (49) 49/50 49/49 95 18 36.1 (50) 50/50 35.0 (48) 97 48/50 35.8 (49) 34.3 (49) 95 49/50 99 49/49 38.4 (50) 22 50/50 38.0 (48) 99 48/50 38.1 (49) 99 49/49 36.6 (49) 95 49/50 26 39.8 (50) 50/50 39.3 (48) 99 48/50 39.8 (49) 100 49/49 38.3 (49) 96 49/50 30 41.6 (50) 50/50 40.2 (49) 41.5 (48) 100 48/50 41.8 (49) 97 49/50 100 49/49 34 43.7 (50) 50/50 43.6 (48) 100 48/50 43.9 (49) 100 49/49 42.5 (49) 97 49/50 38 44.8 (50) 50/50 45.1 (48) 101 48/50 45.1 (49) 43.4 (49) 97 49/50 101 49/49 42 45.7 (50) 50/50 46.0 (48) 48/50 45.8 (49) 44.2 (49) 49/50 101 100 49/49 97 46 46.3 (50) 50/50 46.6 (48) 49/50 101 48/50 46.8 (49) 101 49/49 44.6 (49) 96 47.3 (50) 50 50/50 47.3 (48) 95 49/50 100 48/50 47.6 (48) 101 48/49 45.1 (49) 54 48.2 (50) 50/50 48.3 (46) 100 46/50 47.8 (48) 46.0 (48) 48/50 99 48/49 95 58 48.9 (50) 50/50 48.7 (45) 46.6 (48) 48/50 100 45/50 48.8 (48) 100 48/49 95 62 49.5 (50) 50/50 49.1 (44) 99 44/50 49.0 (48) 99 48/49 47.2 (48) 95 48/50 66 50.2 (50) 50/50 49.5 (44) 99 44/50 49.3 (47) 98 47/49 47.9 (48) 95 48/50 70 51.0 (50) 50/50 50.1 (44) 98 44/50 48/50 50.1 (47) 98 47/49 48.6 (48) 95 52.0 (49) 49/50 74 50.9 (44) 98 44/50 50.4 (47) 97 47/49 49.0 (47) 94 47/50 78 51.7 (49) 49/50 50.6 (42) 49.7 (47) 98 42/5050.9 (47) 98 47/49 96 47/50 82 51.7 (47) 47/50 51.9 (40) 100 40/50 51.2 (47) 99 47/49 49.9 (46) 97 46/50 86 50.9 (45) 45/50 51.0 (40) 100 40/50 50.8 (43) 43/49 49.8 (45) 45/50 100 98 90 51.5 (40) 40/50 51.2 (37) 99 37/50 50.4 (41) 98 41/49 49.6 (44) 96 44/50 94 51.2 (38) 38/50 50.7 (35) 99 35/50 50.6 (38) 99 38/49 49.3 (44) 96 44/50 98 50.1 (37) 37/50 49.7 (33) 99 33/50 50.5 (37) 49.0 (41) 41/50 101 37/49 98 102 49.1 (36) 36/50 49.6 (31) 101 31/50 49.9 (36) 102 36/49 47.8 (40) 97 40/50 104 49.8 (30) 30/50 48.6 (31) 98 31/5050.4 (34) 101 34/49 48.3 (39) 97 39/50

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

TABLE D2

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
UNIT : g

UNIT : g
REPORT TYPE : A1 104
SEX : FEMALE

		Control		100 p	pin		200 p	pin		400 p	pin		
	Av. Wt.	No. of	Av. Wt.	% of	No. of	Av. Wt.	% of	No. of	Av. Wt.	% of	No. of	_	
Veek		Surviv.		cont.	Surviv.		cont.	Surviv.		cont.	· Surviv.		
on Study		<50>		<49>			<50>			<50>			
0	19.5 (50		19.5 (49)	100	49/49	19.5 (50)	100	50/50	19. 5 (50)	100	50/50		
1	20.0 (50		19.7 (49)	99	49/49	19.9 (50)	100	50/50	19.8 (50)	99	50/50		
2	20.8 (50) 50/50	20.3 (49)	98	49/49	20.5 (50)	99	50/50	20.3 (50)	98	50/50		
3	21.1 (50		20.7 (49)	98	49/49	20, 9 (50)	99	50/50	20, 9 (50)	99	50/50		
4	21.6 (50	0) 50/50	21.3 (49)	99	49/49	21.5 (50)	100	50/50	21.5 (50)	100	50/50		
5	22.0 (49	9) 49/50	21.6 (49)	98	49/49	22.3 (50)	101	50/50	21.9 (50)	100	50/50		
6	22.4 (49	9) 49/50	22.3 (49)	100	49/49	22.7 (50)	101	50/50	22.4 (50)	100	50/50		
7	23.0 (49	9) 49/50	22.8 (49)	99	49/49	22.9 (50)	100	50/50	23.0 (50)	100	50/50		
8	23.5 (49	9) 49/50	23.2 (49)	99	49/49	23.8 (50)	101	50/50	23.3 (50)	99	50/50		
9	23.4 (49		23.1 (49)	99	49/49	23, 9 (50)	102	50/50	23.7 (50)	101	50/50		
10	23.7 (49	9) 49/50	23.5 (49)	99	49/49	24.2 (50)	102	50/50	24.0 (49)	101	49/50		
11	24.0 (49	9) 49/50	23.9 (49)	100	49/49	24.4 (50)	102	50/50	24.4 (49)	102	49/50		
12	24.9 (49	9) 49/50	24.5 (49)	98	49/49	25.0 (50)	100	50/50	24.7 (49)	99	49/50		
13	24.7 (49	9) 49/50	24.5 (49)	99	49/49	25.0 (50)	101	50/50	24.7 (49)	100	49/50	•	
14	24.6 (49		24.9 (49)	101	49/49	25.3 (50)	103	50/50	25.1 (49)	102	49/50		
18	26.2 (49	9) 49/50	26, 5 (49)	101	49/49	27.0 (50)	103	50/50	26.6 (49)	102	49/50		
22	27.1 (49	9) 49/50	27.4 (49)	101	49/49	27.7 (50)	102	50/50	27. 2 (49)	100	49/50		
26	27.5 (49		28.0 (48)	102	48/49	28.5 (50)	104	50/50	28, 0 (49)	102	49/50		
30	28.5 (49		29.1 (48)	102	48/49	30.0 (50)	105	50/50	29.4 (49)	103	49/50	•	
34	29.9 (49	9) 49/50	30.5 (48)	102	48/49	31.8 (49)	106	49/50	30.4 (49)	102	49/50		
38	30. 2 (49	9) 49/50	30.9 (48)	102	48/49	32.0 (49)	106	49/50	30.5 (49)	101	49/50		
42	30.9 (49		31.2 (48)	101	48/49	32.6 (49)	106	49/50	31.3 (49)	101	49/50		
46	31.1 (49	9) 49/50	31.9 (48)	103	48/49	33.3 (49)	107	49/50	32.1 (49)	103	49/50		
50	31.6 (48	3) 48/50	32.6 (48)	103	48/49	33.8 (49)	107	49/50	32.1 (48)	102	48/50		
54	32.4 (48	3) 48/50	33.6 (47)	104	47/49	34.5 (49)	106	49/50	31.9 (47)	98	47/50		
58	32.5 (4		34.1 (47)	105	47/49	34.9 (48)	107	48/50	32.6 (47)	100	47/50		
62	32.6 (4		33.9 (47)	104	47/49	35. 4 (48)	109	48/50	32.7 (47)	100	47/50		
66	33.1 (4		35.2 (47)	106	47/49	36.0 (47)	109	47/50	33.1 (47)	100	47/50		
70	33.8 (4		35.6 (46)	105	46/49	36.9 (47)	109	47/50	33.9 (46)	100	46/50		
74	34.5 (48		36.1 (44)	105	44/49	37. 1 (47)	108	47/50	34. 3 (46)	99	46/50		
78	34.9 (49		36.6 (44)	105	44/49	37. 0 (46)	106	46/50	34.6 (46)	99	46/50		
82	34.9 (4		37.0 (43)	106	43/49	37.7 (43)	108	43/50	35. 1 (45)	101	45/50		
86	34.4 (4		36.6 (42)	106	42/49	37. 5 (39)	109	39/50	34.6 (43)	101	43/50		
90	34.8 (4:		37. 1 (38)	107	38/49	37.6 (38)	108	38/50	35. 2 (42)	101	42/50		
94	35.0 (4)		37. 3 (36)	107	36/49	37. 1 (32)	106	32/50	35.6 (39)	102	39/50		
98	33. 9 (3		37.6 (34)	111	34/49	37. 5 (29)	111	29/50	34. 3 (37)	101	37/50		
102	33.8 (3)		37.6 (29)	111	29/49	36. 7 (26)	109	26/50	34.4 (36)	102	36/50		
104	33.7 (3		37.3 (27)	111	27/49	37. 0 (26)	110	26/50	33.9 (34)	101	34/50		

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

TABLE D3

BODY WEIGHT CHANGES: MALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

UNIT : g
REPORT TYPE : A1 104

SEX : MALE

PAGE: 1

up Name	Administratio	on week					
	0	1	2	3	4	5	6
Control	23.5± 0.9	24.6± 1.1	25.7± 1.2	26.3± 1.4	26.8± 1.5	27.5± 1.6	28.1± 1.9
100 ppm	23.5± 0.9	24.4± 1.1	25.1± 1.1*	25.3± 1.4**	25.5± 1.8**	26.3± 1.8**	26.9± 1.9**
200 ppm	23.5± 0.8	24.9± 1.0	25.6± 1.3	26. 1± 1. 4	26.7± 1.6	27.5± 1.6	27.9± 1.8
400 ppm	23.5± 0.9	24.3± 1.6	24.9± 1.1**	25.6± 1.1*	26.1± 1.3	26.5± 1.4*	27.0± 1.5**
Significant difference ;	* : P ≤ 0.05	**: P ≤ 0.01		Test of Dunnett			

(HAN260)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

28.5± 1.8

27.5± 1.7**

29.3± 2.0

28.0± 1.9**

UNIT : g REPORT TYPE : A1 104

200 ppm

400 ppm

SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)

ALL ANIMALS

29.7± 2.2

28.5± 2.0**

Group Name	Administration	week						
	7	8	9	10	11	12	13	
		······································						
Control	28.9± 1.9	29.7± 2.0	$30.3\pm\ 2.2$	30.9± 2.5	31.5± 2.6	32.5± 2.6	33.0 ± 2.8	
100 ppm	27.6± 2.0**	28.7± 1.9*	29.2± 1.9*	29.5± 2.0**	30.1± 2.2**	31.2± 2.2*	31.8± 2.3	

30.4± 2.4

29.1± 2.1**

31.2± 2.4

29.9生 2.4**

31.9± 2.6

30.6生 2.4**

Significant differen	ce; *: P ≤ 0.05	**: P ≤ 0.01	Test of Dunnett		

(HAN260)

BAIS 4

PAGE: 2

 32.5 ± 2.6

31.1± 2.6**

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

BODY WEIGHT CHANGES ALL ANIMALS

. .

(SUMMARY)

UNIT : g

REPORT TYPE : A1 104

SEX : MALE

Name	Administration	week					
····	14	18	22	26	30	34	38
Control	33.3± 3.0	36.1± 3.2	38.4± 3.8	39.8± 4.2	41.6± 4.4	43.7± 4.4	44.8± 4.6
100 ppm	31.9± 2.4*	35.0 ± 2.7	38.0生 3.2	39.3± 3.7	41.5± 3.9	43.6± 4.2	45.1± 4.2
200 ррт	33.0± 2.9	35.8± 3.1	38.1± 3.6	39.8± 4.1	41.8± 4.5	43.9± 4.5	45.1± 4.7
400 ppm	31.5± 2.6**	34.3± 3.1**	36.6± 3.5	38.3± 3.6	40.2± 3.8	42.5± 4.0	43.4± 4.2
	· · · · · · · · · · · · · · · · · · ·			·			
Significant differenc	ce; *: P ≤ 0.05	**: P ≤ 0.01		Test of Dunnett			

(HAN260)

BAIS 4

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

UNIT : g

REPORT TYPE : A1 104 SEX : MALE

PAGE: 4

ıp Name	Administration	week		•			
	42	46	50	54	58	62	66
Control	45.7± 4.6	46.3± 4.5	47.3± 4.8	48.2± 4.6	48.9± 4.7	49.5± 4.4	50.2± 4.5
100 ppm	46.0± 4.3	46.6± 4.2	47.3± 4.5	48.3± 4.1	48.7± 4.2	49.1± 4.0	49.5± 4.0
200 ppm	45.8± 4.7	46.8± 4.8	47.6± 5.0	47.8± 4.9	48.8± 4.9	49.0± 5.1	49.3± 5.4
400 ppm	44.2± 4.1	44.6± 4.1	45.1± 4.1*	46.0± 4.4*	46.6± 4.4*	47.2± 4.4	47.9± 4.3
Significant differen	ce; *: P ≤ 0.05	** : P ≤ 0.01		Test of Dunnett			

(HAN260)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

UNIT : g
REPORT TYPE : A1 104

SEX : MALE

BODY WEIGHT CHANGES ALL ANIMALS (SUMMARY)

PAGE: 5

oup Name	Administration	on week					
· · · · · · · · · · · · · · · · · · ·	70	74	78	82	86	90	94
Control	51.0± 4.4	52.0± 4.9	51.7± 6.0	51.7± 6.3	50.9± 6.0	51.5± 6.4	51. 2± 6. 2
100 ppm	50.1± 4.5	50.9± 4.8	50.6± 5.6	51.9± 5.7	51.0± 6.2	51.2± 6.3	50.7± 6.7
200 ppm	50.1± 5.5	50.4± 6.1	50.9± 6.2	51.2± 6.5	50.8± 6.4	50.4± 7.4	50.6± 6.9
400 ppm	48.6± 4.6	49.0± 4.9	49.7± 5.1	49.9± 6.3	49.8± 5.2	49.6± 5.2	49.3± 5.0
Significant difference;	*: P ≤ 0.05	**: P ≤ 0.01		Test of Dunnett	·		

(HAN260)

STUDY NO. : 0676
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

UNIT : g
REPORT TYPE : A1 104
SEX : MALE

PAGE: 6

roup Name	Administration	week					
	98	102	104				
						7	
Control	50.1± 6.9	49.1± 8.1	49.8± 7.7				
100	40.7-17.0	40.64.0.0	40 C				
100 ppm	49.7± 7.8	49.6± 8.2	48.6± 8.7				
200 ррш	50.5± 7.0	49.9± 7.4	50.4生 7.0				
400	40.01.50						٠
400 ppm	49.0 \pm 5.3	47.8± 6.5	48.3± 5.5				
0: :0: . 1:00	D < 0.05					·	
bignilicant differen	ce; *: P ≤ 0.05	**: $P \leq 0.01$	•	Test of Dunnett			

(HAN260)

TABLE D4

BODY WEIGHT CHANGES: FEMALE

STUDY NO. : 0676
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

BODY WEIGHT CHANGES

ALL ANIMALS

(SUMMARY)

UNIT : g
REPORT TYPE : A1 104
SEX : FEMALE

PAGE: 7

Name	Administration week								
	0	1	2	3 .	4	5	6		
Control	19.5± 0.8	20.0± 0.9	20.8± 1.0	21.1± 1.0	21.6± 0.9	22.0± 1.1	22.4± 1.1		
100 ppm	19.5± 0.8	19.7± 0.9	20.3± 1.1	20.7± 0.9	21.3± 1.0	21.6± 1.1	22.3± 0.9		
200 ppm	19.5± 0.8	19.9± 0.8	20.5± 1.0	20.9± 0.8	21.5± 1.0	22.3± 1.0	22.7± 1.0		
400 ppm	19.5± 0.8	19.8± 0.8	20.3± 0.9	20.9± 0.8	21.5± 0.9	21.9± 1.0	22.4± 1.1		
			·						
Significant difference	; *: P ≤ 0.05	**: P ≤ 0.01		Test of Dunnett					

(HAN260)

BODY WEIGHT CHANGES

ALL ANIMALS

(SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

UNIT : g REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 8

up Name	Administration	week					
	7	8	9	10	11	12	13
Control	23.0± 1.1	23.5± 1.3	23.4± 1.2	23.7 \pm 1.1	24.0± 1,0	24.9± 1.4	24.7± 1.4
100 ppm	22.8± 1.2	23.2± 1.3	23.1± 1.2	23.5± 1.2	23.9± 1.3	24.5± 1.5	24.5± 1.5
200 ррш	22.9± 1.1	23.8± 1.3	23.9± 1.1	24.2± 1.3	24.4± 1.3	25.0± 1.3	25.0± 1.5
400 ppm	23.0± 1.0	23.3± 1.3	23.7± 1.4	24.0± 1.4	24.4± 1.5	24.7± 1.6	24.7± 1.6
Significant differen	nce; *: P ≤ 0.05	** : P ≤ 0.01		Test of Dunnett			

(HAN260)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

UNIT : g
REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 9

oup Name	Administration	Administration week								
	14	18	22	26	30	. 34	38			
Control	24.6± 1.4	26.2± 1.6	. 27.1± 1.7	27.5± 2.1	28.5± 2.4	29.9± 2.8	30.2± 2.6			
100 ppm	24.9± 1.5	26.5± 1.6	27.4± 2.3	28.0± 2.4	29.1± 2.5	30.5± 2.8	30.9± 3.1			
200 ppm	25.3± 1.6	27.0± 1.8	27.7± 2.0	28.5± 2.5	30.0± 3.5	31.8± 3.4**	32.0± 4.0			
400 ppm	25.1± 1.5	26.6± 1.8	27.2± 1.8	28.0± 2.2	29.4± 3.1	30.4± 3.0	30.5± 3.0			
Significant difference	ce; *: P ≤ 0.05	**: P ≤ 0.01		Test of Dunnett						

(HAN260)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

UNIT : g
REPORT TYPE : A1 104

SEX : FEMALE

PAGE: 10

roup Name	Administration	week					
	42	46	50	54	58	62	66
Control	30.9± 2.9	31.1± 3.2	31.6± 3.3	32.4± 3.3	32.5± 3.6	32.6± 3.9	33.1± 4.2
100 ppm	31.2± 3.1	31.9± 3.3	32.6± 3.7	33.6± 3.6	34.1± 3.9	33.9± 4.0	35. 2± 4. 2*
200 ррш	32.6± 4.0*	33.3± 4.0**	33.8± 4.2*	34.5± 4.1*	34.9± 4.6**	35. 4± 4. 8**	36.0± 4.6 * *
400 ppm	31.3± 3.0	32.1± 3.6	32.1± 3.3	31.9± 3.6	32.6 ± 3.5	32.7± 3.6	33.1± 3.7
Significant difference	ce; *: P ≤ 0.05	** : P ≤ 0.01		Test of Dunnett	-		

(HAN260)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

UNIT : g
REPORT TYPE : A1 104
SEX : FEMALE

BODY WEIGHT CHANGES ALL ANIMALS

(SUMMARY)

Name	Administration	week					
	70	74	78	82	86	90	94
Control	33.8± 4.4	34.5± 4.5	34.9± 5.3	34.9± 4.2	34.4± 4.1	34.8± 4.6	35.0± 5.0
100 ррт	35.6± 4.9	36.1± 4.9	36.6± 4.8	37.0± 4.5	36.6± 4.6	37.1± 4.9*	37.3± 4.8
200 ppm	36.9± 5.0 * *	37.1± 5.0*	37.0± 5.4	37.7± 4.5*	37.5± 4.7**	37.6± 6.6*	37.1± 4.9
400 ppm	33.9± 3.8	34.3± 3.8	34.6± 3.8	35.1± 4.0	34.6± 4.0	35.2± 3.9	35.6± 5.3
·					· · · · · · · · · · · · · · · · · · ·		
Significant differen	ce; *: P ≤ 0.05	** : P ≤ 0.01		Test of Dunnett			

(HAN260)

BAIS 4

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

UNIT : g

REPORT TYPE : A1 104 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY) ALL ANIMALS

Name	Administration	week		
	98	102	104	
Control	33.9± 4.3	33.8± 3.2	33.7± 3.9	
100 ррш	37.6± 4.9**	37.6± 4.5**	37.3± 4.1*	
200 ppm	37.5± 4.6**	36.7± 4.7*	37.0± 6.3*	
400 ppm	34.3± 3.5	34.4± 5.9	33.9± 4.4	

(HAN260)

TABLE E1

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

MEAN FOOD CONSUMPTION (FC) AND SURVIVAL

STUDY NO. : 0676

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

UNIT : g

REPORT TYPE : A1 104 SEX : MALE

Control 100 ppm 200 ppm 400 ppm No. of Av. FC. No. of Av. FC. % of No. of Av. FC. % of No. of Av. FC. % of Week Surviv. Surviv. Surviv. Surviv. cont. cont. cont. on Study <50> <50> <49> <50> 3.8 (50) 50/50 3.7 (50) 97 50/50 3.8 (49) 100 49/49 3.7 (50) 97 50/50 1 2 3.8 (50) 50/50 3.7 (50) 97 50/50 3.8 (49) 3.6 (50) 95 50/50 100 49/49 3.8 (50) 50/50 3,7 (50) **97** 50/50 103 49/49 3,8 (50) 100 50/50 3 3,9 (49) 4 3.9 (50) 50/50 3.8 (50) 97 50/50 3.9 (49) 100 49/49 3.8 (50) 97 50/50 3.9 (50) 50/50 3.9 (49) 49/50 103 3.9 (49) 49/50 100 4.0 (49) 49/49 100 6 4.0 (50) 50/50 4.0 (49) 100 49/50 4.0 (49) 100 49/49 3.9 (49) 98 49/50 4.1 (50) 50/50 4.0 (49) 98 49/50 4.1 (49) 100 49/49 4.0 (49) 98 49/50 4.1 (50) 50/50 4.1 (48) 100 48/50 4.1 (49) 100 49/49 4.0 (49) 98 49/50 9 4.2 (50) 50/50 49/50 4.2 (48) 48/50 4.2 (49) 100 49/49 4.1 (49) 98 100 10 4.1 (50) 50/50 4.1 (48) 100 48/50 4.2 (49) 102 49/49 4.1 (49) 100 49/50 4.1 (50) 49/50 11 50/50 4.0 (48) 98 48/50 4.1 (49) 100 49/49 4.0 (49) 98 4.4 (50) 50/50 49/50 12 4.4 (48) 100 48/50 4.3 (49) 98 49/49 4.2 (49) 95 4.2 (50) 50/50 4.3 (49) 49/50 13 4.2 (48) 100 48/50 4.3 (49) 102 49/49 102 4.3 (50) 4.2 (48) 4.2 (49) 49/50 14 50/50 98 48/50 4.3 (49) 100 49/49 98 49/50 18 4.5 (50) 102 4.6 (49) 102 50/50 4.5 (48) 100 48/50 4.6 (49) 49/49 22 4.5 (50) 49/50 50/50 4.5 (48) 100 48/50 4.5 (49) 100 49/49 4.4 (49) 98 4.6 (50) 26 50/50 4.6 (48) 100 48/50 4.7 (49) 102 49/49 4.5 (49) 98 49/50 30 4.8 (50) 4.8 (48) 4.6 (49) 96 49/50 50/50 100 48/50 4.8 (49) 100 49/49 34 4.9 (50) 50/50 4.9 (48) 48/50 4.7 (49) 49/50 100 4.9 (49) 100 49/49 96 4.8 (50) 49/50 38 50/50 4.8 (48) 100 48/50 4.9 (49) 102 49/49 4.6 (49) 96 42 4.8 (50) 50/50 4.7 (48) 98 48/50 4.8 (47) 100 49/49 4.6 (49) 96 49/50 46 4.7 (50) 50/50 4.6 (48) 48/50 4.5 (49) 49/50 98 4.7 (49) 100 49/49 96 50 4.8 (50) 50/50 4.7 (48) 98 48/50 4.7 (48) 98 48/49 4.6 (49) 96 49/50 4.8 (50) 54 50/50 4.8 (46) 100 46/50 4.7 (48) 98 48/49 4.5 (48) 94 48/50 4.8 (50) 58 50/50 4.7 (45) 98 45/50 4.9 (48) 102 48/49 4.5 (48) 94 48/50 4.9 (50) 62 50/50 4.5 (48) 4.8 (44) 98 44/50 4.7 (48) 96 48/49 92 48/50 66 5.0 (50) 50/50 4.9 (44) 98 44/50 4.9 (47) 98 47/49 4.7 (48) 94 48/50 70 5.0 (50) 50/50 4.7 (48) 48/50 4.9 (44) 98 44/50 4.9 (47) 98 47/49 94 74 5.0 (49) 49/50 4.9 (44) 98 44/50 5.1 (46) 102 47/49 4.8 (47) 96 47/50 78 5.2 (49) 49/50 5.0 (42) 96 42/50 100 47/49 4.9 (47) 94 47/50 5.2 (46) 46/50 82 5.3 (47) 47/50 5.2 (40) 98 40/50 5.2 (47) 98 47/49 5.0 (46) 94 86 5.0 (45) 45/50 4.9 (40) 98 40/50 5.1 (43) 102 43/49 4.7 (45) 94 45/50 90 5.3 (40) 40/50 96 5.2 (41) 44/50 5.1 (37) 37/50 98 41/49 4.9 (44) 92 94 5.0 (38) 38/50 4.9 (35) 35/50 5.2 (38) 4.8 (44) 44/50 98 104 38/49 96 98 5.0 (37) 37/50 4.9 (33) 98 33/50 5.3 (37) 37/49 4.9 (41) 98 41/50 106 102 4.9 (36) 36/50 5.0 (31) 102 96 40/50 31/50 5.1 (36) 104 36/494.7 (40) 5.1 (30) 30/50 5.0 (31) 98 39/50 104 31/50 5.2 (34) 102 34/49 5.1 (39) 100

No. of effective animals. ():No. of measured animals

TABLE E2

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS: FEMALE

STUDY NO. : 0676 MEAN FOOD CONSUMPTION (FC) AND SURVIVAL

: MOUSE B6D2F1/Cr1j[Crj:BDF1] ANIMAL

UNIT : g REPORT TYPE : A1 104 SEX : FEMALE

		Control		100 p	pin		200 p	pm		400 p	pu	
	Av. FC.	No. of	Av. FC.	% of	No. of	Av. FC.	% of	No. of	Av. FC.	% of	No. of	_
Week on Study		Surviv. <50>		cont. <49>	Surviv.		cont.	Surviv.		cont. <50>	Surviv.	
on study		(90)		(49)			<50≻			(50)		
1	3. 2 (50) 50/50	3.1 (49)	97	49/49	3. 1 (50)	97	50/50	3. 2 (50)	100	50/50	
2	3.2 (50		3.2 (49)	100	49/49	3.2 (50)	100	50/50	3.2 (50)	100	50/50	
3	3.4 (50		3.4 (49)	100	49/49	3.4 (50)	100	50/50	3.4 (50)	100	50/50	
4	3.5 (50		3.5 (49)	100	49/49	3.6 (50)	103	50/50	3.5 (50)	100	50/50	
5	3.6 (49		3.6 (49)	100	49/49	3.8 (50)	106	50/50	3.6 (50)	100	50/50	
6	3.7 (49		3.8 (49)	103	49/49	3.8 (50)	103	50/50	3.7 (50)	100	50/50	
7	3.9 (49		3.8 (49)	97	49/49	3.9 (50)	100	50/50	3.9 (50)	100	50/50	
8	3.9 (49		3.8 (49)	97	49/49	3.9 (50)	100	50/50	3.8 (50)	97	50/50	
9	3.9 (49		3.9 (49)	100	49/49	3.9 (50)	100	50/50	4.0 (50)	103	50/50	
10	3.9 (49		3.8 (49)	97	49/49	3.9 (50)	100	50/50	4.0 (49)	103	49/50	
11	3.8 (49		3.7 (49)	97	49/49	3.8 (50)	100	50/50	3.6 (49)	95	49/50	•
12	4.1 (49		4.0 (49)	98	49/49	4.0 (50)	98	50/50	4.0 (49)	98	49/50	
13	4.0 (49		3.9 (49)	98	49/49	4.0 (50)	100	50/50	4.0 (49)	100	49/50	
14	3.9 (49		3.9 (49)	100	49/49	4.1 (50)	105	50/50	4.1 (49)	105	49/50	
18	4.1 (49		4.2 (49)	102	49/49	4.3 (50)	105	50/50	4.3 (49)	105	49/50	
22	4.1 (49		4.0 (49)	98	49/49	4.2 (50)	102	50/50	4.2 (49)	102	49/50	
26	4.3 (49		4.2 (48)	98	48/49	4.3 (50)	100	50/50	4.3 (49)	100	49/50	
30	4.4 (49		4.4 (48)	100	48/49	4.5 (50)	102	50/50	4.4 (49)	100	49/50	
34	4.7 (49		4.7 (48)	100	48/49	4.7 (49)	100	49/50	4.6 (49)	98	49/50	
38	4.5 (49		4.4 (48)	98	48/49	4.6 (49)	102	49/50	4, 3 (49)	96	49/50	
42	4.3 (49		4.2 (48)	.98	48/49	4.5 (49)	105	49/50	4.2 (49)	98	49/50	*
46	4.2 (49		4.2 (48)	100	48/49	4.3 (49)	102	49/50	4.2 (49)	100	49/50	
50	4.4 (48		4.2 (48)	95	48/49	4.5 (49)	102	49/50	4.3 (48)	98	48/50	
54	4.5 (48		4.4 (47)	98	47/49	4.5 (49)	100	49/50	4.1 (47)	91	47/50	
58		7) 47/50	4.4 (47)	105	47/49	4.5 (48)	107	48/50	4.2 (47)	100	47/50	
62	4.1 (47		4.0 (47)	98	47/49	4.2 (48)	102	48/50	4.0 (47)	98	47/50	
66	4.4 (45		4.5 (47)	102	47/49	4.5 (47)	102	47/50	4.2 (47)	95	47/50	
70	4.5 (45		4.4 (46)	98	46/49	4.6 (47)	102	47/50	4.4 (46)	98	46/50	
74	4.5 (45		4.5 (44)	100	44/49	4.6 (47)	102	47/50	4.4 (46)	98	46/50	
78	4.6 (49		4.6 (44)	100	44/49	4.5 (46)	98	46/50	4.5 (46)	98	46/50	
82	4.6 (44		4.7 (43)	102	43/49	4.6 (43)	100	43/50	4.6 (45)	100	45/50	
86	4.4 (44		4.5 (42)	102	42/49	4.6 (39)	105	39/50	4.5 (43)	102	43/50	
90	4.6 (42		4.8 (38)	104	38/49	4.7 (38)	102	38/50	4.7 (42)	102	42/50	
94	4.5 (41		4.7 (36)	104	36/49	4.6 (32)	102	32/50	4.5 (39)	100	39/50	
98	4.5 (37		4.8 (34)	107	34/49	5.0 (29)	111	29/50	4.6 (37)	102	37/50	
102	4.4 (32		4.6 (29)	105	29/49	4.8 (26)	109	26/50	4.4 (36)	100	36/50	
104	4.5 (3)	l) 31/50	4.6 (27)	102	27/49	4.8 (26)	107	26/50	4.7 (34)	104	34/50	

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

Av. FC.: g

TABLE E3

FOOD CONSUMPTION CHANGES: MALE

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

FOOD CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

UNIT : g

REPORT TYPE : A1 104

SEX : MALE

Group Name Administration week_ 7 1 4 Control 3.9 ± 0.3 4.0± 0.2 4.1± 0.3 3.8± 0.2 3.8 ± 0.2 3.8± 0.3 3.9 ± 0.3 4.0± 0.4 100 ppm 3.7± 0.3 3.7± 0.3* 3.7± 0.4 3.9 ± 0.3 4.0± 0.4 3.8± 0.5 4.1± 0.3 200 ppm 3.8 ± 0.2 3.8 ± 0.3 4.0± 0.3 4.0± 0.3 3.9 ± 0.3 3.9 ± 0.4 400 ppm 3.7 ± 0.4 3.9 ± 0.3 3.9 ± 0.3 4.0± 0.3 3.6生 0.3** 3.8± 0.3 3.8± 0.3**

Significant difference : $*: P \leq 0.05$

 $**: P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 4

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

FOOD CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

UNIT : g

REPORT TYPE : A1 104

SEX : MALE

PAGE: 2

Name	Administration	week					
	8	9	10	11	12	13	14
Control	4.1± 0.3	4.2± 0.2	4.1± 0.3	4.1± 0.3	4.4± 0.3	4.2± 0.2	4.3± 0.2
100 ppm	4.1± 0.3	4.2± 0.3	4.1± 0.3	4.0± 0.3	4.4± 0.3	4.2± 0.3	4.2± 0.3
200 ppm	4.1± 0.3	4.2± 0.3	4.2± 0.4	4.1± 0.3	4.3± 0.3	4.3± 0.3	4.3± 0.3
400 ppm	4.0± 0.3	4.1± 0.3	4.1± 0.3	4.0± 0.3*	4.2± 0.3	4.3± 0.3	4.2± 0.3
ignificant differenc	e; *: P ≤ 0.05	**: P ≤ 0.01		Test of Dunnett			

(HAN260)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

FOOD CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

UNIT : g

REPORT TYPE: A1 104

SEX : MALE

Group Name Administration week_ 34 Control 4.5± 0.3 4.5± 0.3 4.6± 0.3 4.8± 0.3 4.8± 0.3 4.8± 0.3 4.9 ± 0.3 100 ppm 4.6± 0.4 4.7± 0.3 4.5± 0.3 4.5± 0.3 4.9± 0.3 4.8± 0.3 4.8± 0.3 200 ppm 4.5± 0.3 4.6± 0.2 4.7± 0.3 4.9 ± 0.3 4.9± 0.4 4.8± 0.3 4.8± 0.3 400 ppm 4.6± 0.2 4.4± 0.3 4.5± 0.2 4.6± 0.3** 4.6± 0.3** 4.7± 0.3 4.6± 0.3**

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

(HAN260)

BAIS 4

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

FOOD CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

UNIT : g
REPORT TYPE : A1 104

SEX : MALE

PAGE: 4

Name	Administration	week					
	46	50	54	58	62	66	70
Control	4.7± 0.3	4.8± 0.3	4.8± 0.3	4.8± 0.3	4.9± 0.2	5.0± 0.3	5.0± 0.3
100 ppm	4.6± 0.3	4.7± 0.3	4.8± 0.3	4.7± 0.3	4.8± 0.3	4.9± 0.3	4.9± 0.3
200 ррш	4.7± 0.3	4.7± 0.3	4.7± 0.7	4.9± 0.3	4.7± 0.5**	4.9± 0.4	4.9± 0.3
400 ppm	4.5± 0.3**	4.6± 0.3**	4.5± 0.3**	4.5± 0.3**	4.5± 0.3**	4.7± 0.3**	4.7± 0.3**
-							
Significant differenc	ce; *: P ≤ 0.05 *	* : P ≤ 0.01		Test of Dunnett			

(HAN260)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

FOOD CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

UNIT : g

REPORT TYPE: A1 104

SEX : MALE

Group Name Administration week__ 82 98 74 86 5.3± 0.4 Control 5.0± 0.4 5.2± 0.4 5.3生 0.4 5.0 ± 0.5 5.0 ± 0.5 5.0 ± 0.6 4.9± 0.7 100 ppm 5.2± 0.3 5.1± 0.6 4.9± 0.6 4.9± 0.5 5.0± 0.5 4.9± 0.6 5.2± 0.5 5.2± 0.8 5.3± 0.7 200 ppm 5.1± 0.5 5.2生 0.6 5.1± 0.5 5.2± 0.9 400 ppm 4.8± 0.3** 4.9± 0.4** 4.7± 0.4* 4.9± 0.5** 4.8± 0.4* 4.9 ± 0.5 5.0生 0.6** Significant difference; $*:P \leq 0.05$ $**: P \leq 0.01$

Test of Dunnett

(HAN260)

BAIS 4

ANIMAL: : MOUSE B6D2F1/Crlj[Crj:BDF1]

FOOD CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

UNIT : g
REPORT TYPE : A1 104

SEX : MALE

up Name	Administration	week				· · · · · · · · · · · · · · · · · · ·
	102	104				
Control	4.9± 0.9	5.1 ± 0.8			`	
100 ppm	5.0± 0.6	5.0± 0.6				
200 ррш	5.1± 0.7	5.2± 0.6				
400 ppm	4.7± 0.6*	5.1± 0.7				
	•					
						·
Significant difference	e; *: P ≤ 0.05	**: P ≦ 0.01	Test of Dunn	ett		

(HAN260)

BAIS 4

TABLE E4

FOOD CONSUMPTION CHANGES: FEMALE

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

FOOD CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

UNIT : g

REPORT TYPE : A1 104 SEX : FEMALE

PAGE: 7

p Name	Administration week										
	· 1	2	3	4	5	6	7				
Control	3.2± 0.2	3.2± 0.3	3.4± 0.2	3.5 ± 0.3	3.6 ± 0.3	3.7± 0.2	3.9± 0.3				
100 ppm	3.1± 0.3	3.2± 0.2	3.4± 0.2	3.5± 0.2	3.6± 0.3	3.8± 0.2	3.8± 0.3				
200 ррш	3.1± 0.3	3.2± 0.2	3.4± 0.2	3.6± 0.3	3.8± 0.3*	3.8± 0.3	3.9± 0.3				
400 ppm	3.2± 0.2	3.2± 0.2	3.4± 0.2	3.5± 0.2	3.6± 0.2	3.7± 0.3	3.9± 0.3				
•											
Significant difference	; *: P ≤ 0.05	**: P ≤ 0.01	·	Test of Dunnett							

(HAN260)

STUDY NO. : 0676
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

FOOD CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

UNIT : g
REPORT TYPE : A1 104
SEX : FEMALE

PAGE: 8

Name	Administration	week					
	8	9	10	11	12	13	
Control	3.9± 0.3	3.9± 0.2	3.9± 0.2	3.8± 0.3	4.1± 0.3	4.0± 0.3	3.9± 0.3
100 ррт	3.8± 0.3	3.9± 0.2	3.8± 0.3	3.7± 0.3	4.0± 0.3	3.9± 0.2	3.9± 0.3
200 ppm	3.9± 0.3	3.9± 0.3	3.9± 0.3	3.8± 0.3	4.0± 0.2	4.0± 0.3	4.1± 0.3*
400 ppm	3.8± 0.3	4.0± 0.2	4.0± 0.3	3.6± 0.3≉	4.0± 0.3	4.0± 0.3	4.1± 0.3**
Significant difference	e; *: P ≤ 0.05	**: P ≤ 0.01		Test of Dunnett			

(HAN260)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

FOOD CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

UNIT : g

REPORT TYPE : A1 104

SEX: FEMALE

PAGE: 9

p Name	Administration	week					
	18	22	26	30	34	38	42
Control	4.1± 0.3	4.1± 0.3	4.3± 0.4	4.4± 0.4	4.7± 0.4	4.5± 0.4	4.3± 0.4
100 ppm	4.2± 0.3	4.0± 0.5	4. 2± 0. 3	4.4± 0.4	4.7± 0.4	4.4± 0.3	4.2± 0.5
200 ррш	4.3± 0.3	4.2± 0.4	4.3± 0.4	4.5± 0.4	4.7± 0.4	4.6± 0.4	4.5± 0.4
400 ppm	4.3± 0.4*	4.2± 0.3	4.3± 0.3	4.4± 0.4	4.6± 0.5	4.3± 0.4	4.2± 0.4
Significant difference	e; *:P≦0.05	**: P ≤ 0.01		Test of Dunnett			

(HAN260)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

FOOD CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

UNIT : g
REPORT TYPE : A1 104
SEX : FEMALE

PAGE: 10

p Name	Administration	week					
	46 	50	54	58	62	66	70
Control	4.2± 0.5	4.4± 0.4	4.5± 0.4	4.2± 0.4	4.1± 0.5	4.4± 0.4	4.5± 0.4
100 ррт	4.2± 0.3	4.2± 0.4**	4.4± 0.5	4.4± 0.5	4.0± 0.5	4.5± 0.4	4.4± 0.7
200 ppm	4.3± 0.4	4.5± 0.5	4.5± 0.5	4.5± 0.4*	4.2± 0.5	4.5± 0.5	4.6± 0.5
400 ppm	4.2± 0.4	4.3± 0.4	4.1± 0.4**	4.2± 0.3	4.0± 0.4	4.2± 0.5	4.4± 0.4
Significant difference	e; *: P ≤ 0.05 ×	• : P ≤ 0.01		Test of Dunnett			

(HAN260)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

UNIT : g
REPORT TYPE : A1 104
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)

ALL ANIMALS

p Name	Administration	week					
	74	78	82	86	90	94	98
Control	4.5± 0.5	4.6± 0.6	4.6± 0.5	4.4± 0.5	4.6± 0.5	4.5± 0.6	4.5± 0.5
100 ppm	4.5± 0.6	4.6± 0.6	4.7± 0.6	4.5± 0.6	4.8± 0.6	4.7± 0.5	4.8± 0.8*
200 ррш	4.6± 0.6	4.5± 0.6	4.6± 0.5	4.6± 0.5	4.7± 0.7	4.6± 1.0	5.0± 0.8**
400 ppm	4.4± 0.5	4.5± 0.4	4.6± 0.5	4.5± 0.6	4.7± 0.7	4.5± 0.5	4.6± 0.7
Significant difference	; *: P ≤ 0.05	**: P ≤ 0.01		Test of Dunnett			

(HAN260)

BAIS 4

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

FOOD CONSUMPTION CHANGES (SUMMARY) ALL ANIMALS

UNIT : g

REPORT TYPE : A1 104 SEX : FEMALE

roup Name	Administration	week									
	102	104									
Control .	4.4± 0.6	4.5± 0.6									
100 ppm	4.6± 0.6	4.6± 0.5									
200 ppm	4.8± 0.6*	4.8± 0.5									
400 ppm	4.4± 0.6	4.7± 0.5									
Significant difference ;	$*: P \leq 0.05$	**: P ≤ 0.01	Test of	Dunnett							

(HAN260)

TABLE F1

HEMATOLOGY: MALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HEMATOLOGY (SUMMARY) ALL ANIMALS (105W)

MEASURE. TIME: 1

SEX : MALE

REPORT TYPE : A1

PAGE: 1

oup Name	NO. of Animals	RED BLO	OOD CELL	HEMOGLO g/dl	BIN	HEMATOC %	RIT	MCV f &		MCH pg		MCHC g/dl	_	PLATELE 1 O³/µ	
Control	30	9.57±	0. 79	14.2±	1.4	41.5±	3. 6	43.4±	1. 3	14.8±	0.6	34.0±	0.8	1648±	384
100 ppm	30	9.35±	1.34	13.7±	1.8	40.5±	4. 9	43.5±	2. 4	14.7±	0.9	33.8±	0.9	1724±	260
200 ppm	33	9.43±	1. 10	14.2±	1.2	41.8±	3. 2	44.8±	4. 4	15.2±	1.0	33.9±	1.2	1615±	446
400 ppm	39	9.25±	1. 29	14.0±	1. 9	40.8±	5. 2	44.3±	1.8	15.1±	0. 5	34.2±	0. 9	1595±	344

(HCL070)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

HEMATOLOGY (SUMMARY) ALL ANIMALS (105W)

MEASURE. TIME: 1

SEX : MALE

REPORT TYPE : A1

oup Name	NO. of Animals	RETICUL %	OCYTE	4		
Control	30	2.1±	0. 5			
100 ppm	30	2.9±	2. 1			
200 ррт	33	2.8±	2. 9			
400 ppm	39	2.7±	2. 2			

(HCL070)

BAIS 4

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

HEMATOLOGY (SUMMARY) ALL ANIMALS (105W)

MEASURE. TIME: 1

SEX : MALE

REPORT TYPE : A1

NO. of Group Name WBC Differential WBC (%) Animals 10³/µl NEUTRO LYMPHO OTHER MONO EOS INO BASO Control 30 4.65 ± 4.45 31± 17 $62 \pm$ 17 $3\pm$ $3\pm$ $0\pm$ $1\pm$ 2 100 ppm 30 3.74± 2.12 31± $1\pm$ 13 $62\pm$ 15 **4**± 6 2± 1 0± 1 200 ppm 33 3.37± 1.67 $28\pm$ $3\pm$ $1\pm$ 11 $64\pm$ 12 $4\pm$ 3 2 $0\pm$ 1 0

 $3\pm$

2

 $3\pm$

2

 $0\pm$

10

 $64\pm$

11

28±

(HCL070)

400 ppm

39

3.22± 1.44

BAIS 4

1±

2

TABLE F2

HEMATOLOGY: FEMALE

STUDY NO. : 0676
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

HEMATOLOGY (SUMMARY) ALL ANIMALS (105W)

MEASURE. TIME: 1

SEX : FEMALE

REPORT TYPE : A1

PAGE: 4

oup Name	NO. of Animals	RED BLOOD CELL 1 0 ⁵ /µl	HEMOGLOBIN g/dl	HEMATOCRIT %	MCV f &	MCH pg	MCHC g/dl	PLATELET 1 0³/µl
Control	30	9.23± 1.77	14.0± 2.7	40.9± 6.3	44.9± 3.6	15.2± 0.7	33.9 ± 1.9	1149± 367
100 ppm	27	9.24± 1.73	13.9± 2.6	40.5± 7.1	43.9± 2.1	15.0± 0.7	34.2± 1.1	980± 376
200 ppm	25	9.25± 1.38	14.0± 1.9	40.9± 4.9	44.5± 2.2	15.2± 0.7	34.1± 1.5	989± 364
400 ppm	34	9.31± 1.17	14.1± 1.8	40.8± 4.6	44.0± 2.1	15.1± 0.5	34.4± 1.1	1119± 317

(HCL070)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

HEMATOLOGY (SUMMARY) ALL ANIMALS (105W)

MEASURE. TIME: 1

SEX : FEMALE

REPORT TYPE : A1

roup Name	NO. of Animals	RETICULOCYTE %		
Control	30	4.0± 5.1		
100 ppm	27	3.0± 2.4		
200 ppm	25	4.1± 4.6		
400 ppm	34	3.0± 3.3		

(HCL070)

BAIS 4

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HEMATOLOGY (SUMMARY) ALL ANIMALS (105W)

MEASURE. TIME: 1

SEX : FEMALE

REPORT TYPE: A1

oup Name	NO. of Animals	WBC 1 O³∕µl	Dif NEUTRO	fferentia	1 WBC (9 LYMPHO	6)	MONO		EOSINO		BASO		OTHER		
Control	30	6.99± 13.55	25生	15	67±	16	3±	2	3±	2	0±	0	2±	3	
100 ppm	27	2.67± 1.05	27±	11	66±	10	3±	1	3±	2	0±.	0	1±	1	
200 ppm	25	3.36± 1.55	31±	14	62±	16	3±	1	3±	2	0±	0	1±	1	
400 ppm	34	3.32± 2.84	29±	14	64±	15	3±	2	3±	2	0±	0	2±	4	
Significant	difference ;	*: P ≤ 0.05	**: P ≦	0. 01			Test	of Dunn	ett						
L070)															

TABLE G1

BIOCHEMISTRY: MALE

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (105W)

MEASURE. TIME: 1

SEX : MALE

REPORT TYPE : A1

PAGE: 1

roup Name	NO. of Animals	TOTAL P	ROTEIN	ALBUMIN g∕dl		A/G I	ATIO	T-BILI mg∕dℓ		GLUCOSE mg/dl		T-CHOLE mg/dl	STEROL	TRIGLYC mg/dl	ERIDE
Control	30	5.1±	0. 5	2.5±	0.3	0.9±	0.1	0.12±	0. 02	164±	39	106±	26	47±	24
100 ppm	. 31	5.4±	0.9	2.6±	0. 5	1.0±	0. 1	0.13±	0. 03	166生	46	132±	107	48±	. 23
200 ррш	34	5.3±	0.6	2.6±	0.3	1.0±	0.1*	0.13±	0.04	190±	25**	107±	36	45±	22
400 ppm	39	5.1±	0. 4	2.6±	0. 2	1.1±	0.1**	0.12±	0. 03	188±	35**	101±	25	44±	22

(HCL074)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (105W)

MEASURE. TIME : 1 SEX : MALE

REPORT TYPE : A1

PAGE: 2

oup Name	NO. of Animals	PHOSPHO mg/dl	LIPID	AST I U/	L	ALT IU/A	!	LDH IU/	2	ALP I U/s	2	G-GTP I U / L		CK IU/l	!
Control	30	189±	42	94±	97	39±	37	294±	335	239±	251	1±	1	81±	103
100 ppm	31	221±	137	148±	239	119±	246	504±	959	316±	341	1±	2	79±	65
200 ррт	34	198±	59	76±	62	47±	53	229±	95	258±	256	1±	1	57±	22
400 ppm	39	182±	37	· 77±	124*	36±	69*	283±	447	230±	218	1±	1	52±	30*

(HCL074)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (105W)

PAGE: 3

up Name	NO. of Animals	UREA N mg/dl	ITROGEN	SODIUM m Eq / L		POTASSI mEq/s		CHLORIDE mEq/l		CALCIUM mg/dl		INORGAN mg/dl	IC PHOSPHORUS
Control	30	25. 3±	9. 9	153±	4	4.2±	0. 3	122±	3	8.8±	0.4	6.8±	0.9
100 ppm	31	25.4±	11. 9	154±	2	4.1±	0.5	121±	4	9.0±	0.7	6.7±	1. 2
200 ppm	34	22.6±	6.0	153±	3	4.3±	0.4	122±	3	8.8±	0.4	6.7±	0.9
400 ppm	39	24.4±	16.6*	153±	2	4.3±	0. 5	122±	2	8.7±	0. 3	6.5±	2. 3*

(HCL074)

TABLE G2

BIOCHEMISTRY: FEMALE

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (105W)

MEASURE. TIME: 1

SEX: FEMALE

REPORT TYPE : A1

PAGE: 4

oup Name	NO. of Animals	TOTAL F g/dl		ALBUMIN g/dl		A/G RAT	10	T-BILI mg/dl	RUBIN	GLUCOSE mg/dl		T-CHOLES mg/dl	STEROL	TRIGLYC mg/dl	ERIDE
Control	30	5.1±	0.4	2.5±	0.3	1.0±	0. 2	0.12±	0. 02	121±	27	79±	25	32±	17
100 ppm	27	5.2±	0. 5	2.7±	0.3	1.1±	0. 2	0.13±	0. 07	128±	29	81±	45	27±	19
200 ppm	25	5.6±	1.7	2.5±	0. 2	1.0±	0. 2	0.15±	0. 17	126±	26	78±	34	37±	30
400 ppm	34	5.1生	0.4	2.6±	0. 2	1.1±	0.2	0.12±	0. 03	134±	32	75±	26	28生	19

(HCL074)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (105W)

MEASURE. TIME: 1

SEX: FEMALE

REPORT TYPE : A1

PAGE: 5

oup Name	NO. of Animals	PHOSPHO mg/dl	LIPID	AST IU/£		ALT I U/l		LDH IU/	2	ALP I U/	2 .	G-GTP IU/l		CK IU/.	e
								· , , <u>, , , , , , , , , , , , , , , , ,</u>							
Control	30	135±	33	109±	79	51±	62	220±	181	305±	102	1±	1	117土	155
100 ppm	27	149±	74	108±	91	46±	47	422±	961	328±	130	2±	4	132±	300
200 ррт	25	135±	43	110±	81	58±	83	344±	562	286±	146	1±	1	109±	108
400 ppm	34	135±	45	109±	78	43±	30	329±	491	315±	157	1±	1	127±	291

(HCL074)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

BIOCHEMISTRY (SUMMARY) ALL ANIMALS (105W)

MEASURE. TIME: 1

SEX : FEMALE

REPORT TYPE : A1

PAGE: 6

oup Name	NO. of Animals	UREA NITROGEN mg∕dl	SODIUM m Eq / L	POTASSIUM m Eq / L	CHLORIDE m Eq / l	CALCIUM mg/dl	INORGANIC PHOSPHORUS mg/dl	
Control	30	25.6± 53.4	152± 3	4.1± 0.9	121± 3	8.9± 0.4	6.4± 3.7	
100 ppm	27	16.4± 6.4	152± 2	3.9± 0.5	121± 2	9.0± 0.5	6.4± 1.2	
200 ppm	25	20.0± 20.7	152± 2	4.0± 0.4	121± 2	9.0± 0.6	6.6± 2.1	
400 ppm	34	17.5± 11.8	151± 2	4.1± 0.4	121± 2	8.7± 0.4	6.2± 1.0	

(HCL074)

TABLE H1

URINALYSIS : MALE

URINALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME: 1

SEX : MALE

REPORT TYPE : A1

PAGE: 1

ıp Name	NO. of	pH_		_ •						Pro	tein					G1	ucos	e				Ketor	e bo	dу			00	cul1	bl.	boo	
	Animals	5.0	6.0	6.5	7.0	7. 5	8. 0	8. 5	CHI		± +	- 2+	3+	4+	CHI		± 	+ 2	+ 3+	4+	CHI	±	+	2+ 3	3+ 4 +	CHI		± 	+	2+ 3-	· CH
Control	36	0	2	5	6	11	8	4		0	0 2	6 7	3	0		36	0	0	0 0	0		4 29	3	0	0 0		32	0	0	0 4	ŀ
100 ppm	32	0	1	4	6	5	13	3		0	3 1	3 10	1	0		32	0	0	0 0	0		9 22	1	0	0 0		29	2	0	1 ()
200 ppm	37	0	2	7	1	7	19	1		0	5 2	3	0	0	*	37	0	0 ,	0 0	0		12 23	2	0	0 0		38	1	0	0 1	L
400 ppm	40	0	0	3	3	11	16	7		0	1 2	6 12	1	0		40	0	0	0 0	0		1 35	4	0	0 0		36	0	1	0 :	3

(HCL101)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME: 1

URINALYSIS

roup Name	NO. of Animals	Urobilinogen ± + 2+ 3+ 4+ CHI		
	••			
Control	36	36 0 0 0 0		
100 ррш	32	32 0 0 0 0		
200 ppm	37	37 0 0 0 0		
400 ppm	40	40 0 0 0 0		
Significant	difference	$*: P \le 0.05$ $**: P \le 0.01$	Test of CHI SQUARE	

(HCL101)

TABLE H2

URINALYSIS : FEMALE

URINALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME: 1

SEX : FEMALE

REPORT TYPE : A1

PAGE: 3

oup Name	NO. of Animals	pH_ 5.0	6. 0	6.5	7.0	7.5	8.0	8.5 CHI	Protein - ± + 2+ 3+ 4+ CHI	Glucose - ± + 2+ 3+ 4+ CHI	Ketone body - ± + 2+ 3+ 4+ CHI	Occult blood - ± + 2+ 3+ CHI
					·							
Control	34		2	3	2	8	12	7	0 25 5 3 1 0	34 0 0 0 0 0	23 3 8 0 0 0	32 0 0 1 1
100 ppm	30	0	1	1	6	9	6	7	0 20 7 3 0 0	30 0 0 0 0 0	17 7 5 1 0 0	29 0 1 0 0
200 ppm	26	. 0	1	3	4	6	8	4	0 14 10 1 1 0	26 0 0 0 0 0	19 3 4 0 0 0	25 0 0 1 0
400 ppm	36	0	0	3	7	11	11	4	0 11 12 11 2 0 **	36 0 0 0 0 0	11 6 8 9 2 0 **	31 0 0 2 3

(HCL101)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

MEASURE. TIME: 1

SEX : FEMALE

REPORT TYPE : A1

PAGE: 4

Group Name	NO. of Animals	Urobilinogen ± + 2+ 3+ 4+	СНІ			
Control	34	34 0 0 0 0				
100 ppm	30	30 0 0 0 0				
200 ppm	26	26 0 0 0 0				
400 ppm	36	36 0 0 0 0				
Significant o	lifference	; *: P ≤ 0.05	** : P ≤ 0.01	Test of CHI SQUARE		

URINALYSIS

(HCL101)

TABLE I 1

GROSS FINDINGS : MALE

ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1] GROSS FINDINGS (SUMMARY) ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : MALE

rgan	Findings	Group Name NO. of Animals 50	Control (%)	100 ppm 50 (%)	200 ppm 49 (%)	400 ppm 50 (%)
kin/app	nodule	0	(0)	0 (0)	1 (2)	0 (0)
	erosion	1	(2)	1 (2)	1 (2)	1 (2)
	scab	2	(4)	1 (2)	1 (2)	0 (0)
ubcutis	edema ·	1	(2)	0 (0)	1 (2)	0 (0)
	nodule	. 0	(0)	0 (0)	0 (0)	1 (2)
	mass	. 3	(6)	4 (8)	1 (2)	1 (2)
ng	red	1	(2)	0 (0)	0 (0)	0 (0)
	white zone	0	(0)	0 (0)	1 (2)	0 (0)
	red zone	0	(0)	1 (2)	0 (0)	1 (2)
	nodule	5	(10)	8 (16)	4 (8)	7 (14)
	adhesion	0	(0)	0 (0)	1 (2)	0 (0)
mph node	enlarged	7	(14)	3 (6)	5 (10)	11 (22)
leen	enlarged	6	(12)	3 (6)	2 (4)	6 (12)
	white zone	1	(2)	1 (2)	0 (0)	0 (0)
	black zone	1	(2)	2 (4)	0 (0)	1 (2)
	nodule	0	(0)	1 (2)	0 (0)	2 (4)
	deformed	0	(0)	0 (0)	0 (0)	1 (2)
ngue	nodule	0	(0)	1 (2)	0 (0)	0 (0)
ophagus	nodule	1	(2)	0 (0)	0 (0)	0 (0)
restomach	nodule	1	(2)	1 (2)	1 (2)	0 (0)
stomach	nodule	0	(0)	0 (0)	1 (2)	0 (0)
	thick	1	(2)	0 (0)	0 (0)	0 (0)

STUDY NO. : 0676
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1 SEX

: MALE

gan	Findings	Group Name NO. of Animals 50 (9	Control %) 50	100 ppm (%) 49	200 ppm). (%)	400 ppm 50 (%)
			<i>'</i>			
all intes	nodule	1 (2) 1	(2)) (0)	1 (2)
ver	enlarged	1 (2) 0	(0)) (0)	2 (4)
	yellow	0 (0) 1	(2)) (0)	0 (0)
	white zone	4 (8) 5	(10)) (0)	4 (8)
	red zone	2 (4) 1	(2)	5 (10)	1 (2)
	nodule	13 (26) 16	(32)	3 (37)	12 (24)
	deformed	0 (0) 0	(0)	. (2)	0 (0)
ncreas	nodule	0 (0) 0	(0)) (0)	1 (2)
lney	enlarged	0 (0) 0	(0)	(0)	1 (2)
	white zone	2 (4) 0	(0)	(2)	0 (0)
	nodule	2 (4) 0	(0)) (0)	1 (2)
	cyst	2 (4) 0	(0)) (0)	0 (0)
	hydronephrosis	3 (6) 10	(20)	3 (6)	1 (2)
in bladd	urine:marked retention	7 (14) 4	(8)	2 (4)	0 (0)
	Urine:white	1 (2) 0	(0)	(2)	0 (0)
tuitary	red zone	0 (0) 0	(0)	. (2)	0 (0)
	nodule	0 (0) 1	(2)) (0)	0 (0)
ididymis	nodule	0 (0) 1	(2)) (0)	0 (0)
nin ves	red	1 (2) 0	(0)) (0)	0. (0)
p/cli gl	nodu1e	1 (2) 0	(0)	l (2)	0 (- 0)
in	red zone	0 (0) 0	(0)) (0)	1 (2)
	brown zone	0 (۵) ۵	(0)	l (2)	0 (0)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE

)rgan	Findings		Control 10 %) 50 (%)	00 ppm 200 49 (%)	ppm 400 ppm 50 (%)
э уе	small	0 (0) 1 (2	0 (0)	0 (0)
arder gl	enlarged	1 (2) 0 (0	1 (2)	1 (2)
	nodule	1 (2) 1 (2	2 (4)	1 (2)
ne	nodule	1 (2) 0 (0	0 (0)	0 (0)
diastinum	mass	0 (0) 1 (2	2) 1 (2)	1 (2)
ritoneum	nodu1e	0 (0) 2 (4	0 (0)	1 (2)
	cyst	0 (0) 1 (2	0 (0)	0 (0)
troperit	mass	0 (0) 0 ((1 (2)	0 (0)
dominal c	hemorrhage	1 (2) 0 ((0 (0)	0 (0)
	ascites	. 5 (10) 4 (8	3) 4 (8)	1 (2)
oracic ca	hemorrhage	1 (2) 0 ((1 (2)	0 (0)
	pleural fluid	3 (6) 3 (6	5) 2 (4)	4 (8)
ner	tail:nodule	0 (0) 1 (2	0 (0)	0 (0)
ole body	anemic	0 (0) 1 (2	0 (0)	0 (0)

TABLE I 2

GROSS FINDINGS : MALE

DEAD AND MORIBUND ANIMALS

SEX

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1

: MALE

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

gan	Findings	Group Name NO. of Animals	Control 20 (%)	100 ppm 19 (%)	200 ppm 15 (%)	400 ppm 11 (%)
cin/app	erosion		1 (5)	1 (5)	1 (7)	1 (9)
	scab		2 (10)	0 (0)	0 (0)	0 (0)
bcutis	edema		1 (5)	0 (0)	1 (7)	0 (0)
	nodule		0 (0)	0 (0)	0 (0)	1 (9)
	mass		1 (5)	3 (16)	1 (7)	1 (9)
ing	red		1 (5)	0 (0)	0 (0)	0 (0)
	red zone		0 (0)	1 (5)	0 (0)	0 (0)
	nodule		1 (5)	2 (11)	0 (0)	3 (27)
	adhesion		0 (0)	0 (0)	1 (7)	0 (0)
mph node	enlarged		4 (20)	0 (0)	2 (13)	3 (27)
leen	enlarged		5 (25)	1 (5)	0 (0)	1 (9)
	white zone		1 (5)	0 (0)	0 (0)	0, (0)
	black zone		0 (0)	1 (5)	0 (0)	0 (0)
	nodule		0 (0)	0 (0)	0 (0)	1 (9)
	deformed		0 (0)	0 (0)	0 (0)	1 (9)
ophagus	nodule		1 (5)	0 (0)	0 (0)	0 (0)
restomach	nodule		1 (5)	0 (0)	1 (7)	0 (0)
stomach	nodule		0 (0)	0 (0)	1 (7)	0 (0)
all intes	nodule		1 (5)	0 (0)	0 (0)	1 (9)
ver	enlarged		1 (5)	0 (0)	0 (0)	1 (9)
	white zone		2 (10)	2 (11)	0 (0)	2 (18)
	red zone		1 (5)	0 (0)	2 (13)	0 (0)

STUDY NO. : 0676
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

GROSS FINDINGS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1 SEX

: MALE

rgan	Findings	Group Name NO. of Animals	20	Control (%)	19	100 ppm (%)	15	200 ppm (%)	_ 11	400 ppm (%)
iver	nodule		7	(35)	3	(16)	4	(27)	4	(36)
	deformed		0	(0)	0	(0)	1	(7)	0	(0)
ncreas	nodule		0	(0)	0	(0)	0	(0)	1	(9)
dney	white zone		2	(10)	0	(0)	1	(7)	0	(0)
	nodule		1	(5)	0	(0)	0	(0)	0	(0)
	cyst		1	(5)	0	(0)	0	(0)	0	(0)
	hydronephrosis		1	(5)	8	(42)	2	(13)	- 1	(9)
in bladd	urine:marked retention		6	(30)	4	(21)	2	(13)	0	(0)
	Urine: white		1	(5)	0	(0)	1	(7)	0	(0)
tuitary	nodule		0	(0)	1	(5)	0	(0)	0	(0)
ididymis	nodule .		0	(0)	1	(5)	0	(0)	0	(0)
min ves	red		1	(5)	0	(0)	0	(0)	0	(0)
ep/cli gl	nodule		1	(5)	0	(0)	0	(0)	0	(0)
ain	red zone		0	(0)	0	(0)	. 0	(0)	1	(9)
	brown zone		0	(0)	0	(0)	1	(7)	0	(0)
rder gl	enlarged		1	(5)	0	(0)	0	(0)	0	(0)
	nodule		1	(5)	1	(5)	0	(0)	0	(0)
ne	nodule		1	(5)	0	(0)	0	(0)	0	(0)
diastinum	mass		0	(0)	1	(5)	1	(7)	1	(9)
ritoneum	nodule		0	(0)	1	(5)	0	(0)	1	(9)
troperit	mass		0	(0)	0	(0)	1	(7)	0	(0)
dominal c	hemorrhage		1	(5)	0	(0)	0	(0)	0	(0)

: MOUSE B6D2F1/Cr1j[Crj:BDF1] ANIMAL

GROSS FINDINGS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

SEX : MALE PAGE: 3

Organ	Findings	Group Name NO. of Animals 20 (S	Control 100 ppm %) 19 (%)	200 ppm 15 (%)	400 ppm 11 (%)
abdominal c	ascites	4 (20) 3 (16)	3 (20)	1 (9)
		4 (*	
thoracic ca	hemorrhage	. 1 (5) 0 (0)	1 (7)	0 (0)
	pleural fluid	2 (10) 1 (5)	2 (13)	4 (36)
other	tail:nodule	0 (0) 1 (5)	0 (0)	0 (0)
whole body	anemic	0 (0) 1 (5)	0 (0)	0 (0)
(HPTORO)					RATS A

(HPT080)

TABLE I 3

GROSS FINDINGS : MALE

SACRIFICED ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

GROSS FINDINGS (SUMMARY) SACRIFICED ANIMALS (105W)

REPORT TYPE : A1

SEX : MALE

rgan	Findings	Group Name NO. of Animals 30	Control (%)	100 ppm 31 (%)	200 ppm 34 (%)	400 ppm 39 (%)
kin/app	nodule	. 0	(0)	0 (0)	1 (3)	0 (0)
	scab	0	(0)	1 (3)	1 (3)	0 (· 0)
ubcutis	mass	2	(7)	1 (3)	0 (0)	0 (0)
ung	white zone	0	(0)	0 (0)	1 (3)	0 (0)
	red zone	0	(0)	0 (0)	0 (0)	1 (3)
	nodule	4	(13)	6 (19)	4 (12)	4 (10)
ymph node	enlarged	3	(10)	3 (10)	3 (9)	8 (21)
pleen	enlarged	. 1	(3)	2 (6)	2 (6)	5 (13)
	white zone	0	(0)	1 (3)	0 (0)	0 (0)
	black zone	1	(3)	1 (3)	0 (0)	1 (3)
	nodule	0	(0)	1 (3)	0 (0)	1 (3)
ongue	nodule	0	(0)	1 (3)	0 (0)	0 (0)
orestomach	nodule	0	(0)	1 (3)	0 (0)	0 (0)
l stomach	thick	1	(3)	0 (0)	0 (0)	0 (0)
mall intes	nodule	0	(0)	1 (3)	0 (0)	0 (0)
iver	enlarged	0	(0)	0 (0)	0 (0)	1 (3)
	yellow	0	(0)	1 (3)	0 (0)	0 (0)
	white zone	2	(7)	3 (10)	0 (0)	2 (5)
	red zone	1	(3)	1 (3)	3 (9)	1 (3)
	nodule	6	(20)	13 (42)	14 (41)	8 (21)
idney	enlarged	0	(0)	0 (0)	0 (0)	1 (3)
	nodule	1	(3)	0 (0)	0 (0)	1 (3)

: MOUSE B6D2F1/Cr1j[Crj:BDF1] ANIMAL

GROSS FINDINGS (SUMMARY) SACRIFICED ANIMALS (105W)

REPORT TYPE : A1 SEX

: MALE PAGE: 2

gan	Findings	Group Name Co	ontrol 100 ppm) 31 (%)	200 ppm 34 (%)	400 ppm 39 (%)
dney	cyst	1 (;	3) 0 (0)	0 (0)	0 (0)
	hydronephrosis	2 (7) 2 (6)	1 (3)	0 (0)
in bladd	urine:marked retention	1 (3) 0 (0)	0 (0)	0 (0)
tuitary	red zone	0 (0 (0)	1 (3)	0 (0)
ep/cli gl	nodule	0 (0 (0)	1 (3)	0 (0)
re	small	0 (0) 1 (3)	0 (0)	0 (0)
rder gl	enlarged	0 (0 (0)	1 (3)	1 (3)
	noduIe	0 (0 (0)	2 (6)	1 (3)
ritoneum	nodule	0 (0) 1 (3)	0 (0)	0 (0)
	cyst	0 (0) 1 (3)	0 (0)	0 (0)
odominal c	ascites	1 (3) 1 (3)	1 (3)	0 (0)
oracic ca	pleural fluid	1 (3) 2 (6)	0 (0)	0 (0)

(HPT080)

TABLE I 4

GROSS FINDINGS: FEMALE

ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1

SEX : FEMALE

)rgan	Findings	Group Name NO. of Animals	50	Control (%)	49	100 ppm) (%)	50	200 ppm) (%)	50	400 ppm (%)
skin/app	nodule		0	(0)	1	(2)	C) (0)	1	(2)
	scab		1	(2)	() (0)	1	(2)	0	(0)
subcutis	edema		4	(8)	;	3 (6)	6	6 (12)	5	(10)
	mass		2	(4)		5 (10)	2	2 (4)	1	(2)
ung	nodule		2	(4)	:	(2)	1	1 (2)	0	(0)
ymph node	enlarged		12	(24)	9) (18)	14	1 (28)	8	(16)
pleen	enlarged		8	(16)	•	7 (14)	ç) (18)	4	(8)
	white zone		1	(2)	() (0)	() (0)	0	(0)
	nodule		1	(2)	:	1 (2)	() (0)	0	(0)
	deformed		0	(0)	() (0)	1	1 (2)	1	(2)
ongue	nodule		2	(4)	() (0)	() (0)	0	(0)
orestomach	nodule		3	(6)	() (0)	. 1	1 (2)	1	(2)
1 stomach	ulcer		1	(2)	() (0)	() (0)	0	(0)
mall intes	nodule		0	(0)	:	2 (4)	1	1 (2)	1	(2)
iver	enlarged		5	(10)	;	2 (4)	8	8 (16)	5	(10)
	white zone		7	(14)		4 (8)	{	6 (12)	6	(12)
	red zone		2	(4)		4 (8)	:	2 (4)	0	(0)
	nodule		3	(6)	,	7 (14)	1	1 (22)	10	(20)
	cyst		0	(0)	ı	0 (0)	;	1 (2)	C	(0)
ancreas	nodule		0	(0)		1 (2)	1	0 (0)	C	(0)
idney	hydronephrosis		3	(6)		3 (6)	:	3 (6)	. 2	(4)
ırin bladd	urine:marked retention		0	(0)		0 (0)		1 (2)	C	(0)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : FEMALE

rgan	Findings	Group Name Control NO. of Animals 50 (%)	100 ppm 49 (%)	200 ppm 50 (%)	400 ppi 50 (%)
ituitary	enlarged	0 (0)	3 (6)	4 (8)	4 (8)
	red zone	0 (0)	1 (2)	2 (4)	1 (2)
	nodule .	2 (4)	2 (4)	6 (12)	5 (10)
ary	enlarged	6 (12)	2 (4)	6 (12)	5 (10)
	cyst	9 (18)	7 (14)	10 (20)	10 (20)
erus	nodule	10 (20)	7 (14)	15 (30)	8 (16)
rain	red zone	1 (2)	1 (2)	0 (0)	1 (2)
inal cord	nodule	0 (0)	0 (0)	1 (2)	0 (0)
riph nerv	nodule	0 (0)	1 (2)	0 (0)	0 (0)
е	turbid	0 (0)	0 (0)	0 (0)	1 (2)
rder gl	enlarged	1 (.2)	0 (0)	0 (0)	0 (0)
	nodule	0 (0)	0 (0)	1 (2)	1 (2)
scle	red zone	0 (0)	1 (2)	0 (0)	0 (0)
	nodule	0 (0)	1 (2)	0 (0)	0 (0)
one '	nodule	1 (2)	0 (0)	0 (0)	1 (2)
diastinum	nodule	0 (0)	0 (0)	1 (2)	0 (0)
	mass	0 (0)	2 (4)	2 (4)	2 (4)
ritoneum	nodule	0 (0)	2 (4)	1 (2)	0 (0)
	thick	2 (4)	1 (2)	1 (2)	2 (4)
dominal c	hemorrhage	2 (4)	0 (0)	1 (2)	0 (0)
	ascites	7 (14)	9 (18)	10 (20)	10 (20)
senterium	nodule	0 (0)	0 (0)	1 (2)	0 (0)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1] GROSS FINDINGS (SUMMARY) ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

rgan	Findings	 Group Name NO. of Animals	Cont 50 (%)	rol 100 ppm 49 (%) .	200 ppm 50 (%)	400 ppm 50 (%)
		·····		-		
horacic ca	hemorrhage		1 (2)	0 (0)	0 (0)	0 (0)
	pleural fluid		13 (26)	9 (18)	12 (24)	7 (14)
ther	lower jaw:nodule		1 (2)	0 (0)	0 (0)	0 (0)

TABLE I 5

GROSS FINDINGS: FEMALE

DEAD AND MORIBUND ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

GROSS FINDINGS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

rgan	Findings	Group Name NO. of Animals	Control 19 (%)	100 ppm 22 (%)	200 ppm 24 (%)	400 ppm 16 (%)
kin/app	nodule		0 (0)	1 (5)	0 (0)	0 (0)
	scab		1 (5)	0 (0)	1 (4)	0 (0)
ubcutis	edema		4 (21)	3 (.14)	6 (25)	5 (31)
	mass		2 (11)	4 (18)	1 (4)	0 (0)
ing	nodule		1 (5)	1 (5)	0 (0)	0 (0)
mph node	enlarged		6 (32)	8 (36)	7 (29)	3 (19)
oleen	enlarged		4 (21)	4 (18)	. 5 (21)	2 (13)
	nodule		1 (5)	0 (0)	0 (0)	0 (0)
	deformed		0 (0)	0 (0)	1 (4)	0 (0)
ngue	nodule		1 (5)	0 (0)	0 (0)	0 (0)
restomach	nodule		1 (5)	0 (0)	0 (0)	0 (0)
mall intes	nodule		0 (0)	1 (5)	0 (0)	1 (6)
ver	enlarged		4 (21)	1 (5)	7 (29)	5 (31)
	white zone		5 (26)	3 (14)	5 (21)	5 (31)
	nodule		2 (11)	2 (9)	4 (17)	1 (6)
increas	nodule		0 (0)	1 (5)	0 (0)	0 (0)
dney	hydronephrosis		1 (5)	2 (9)	2 (8)	1 (6)
in bladd	urine:marked retention		0 (0)	0 (0)	1 (4)	0 (0)
tuitary	enlarged		0 (0)	1 (5)	3 (13)	2 (13)
	red zone		0 (0)	1 (5)	2 (8)	1 (6)
	nodule	•	0 (0)	0 (0) ,	0 (0)	3 (19)
ary	enlarged		4 (21)	1 (5)	5 (21)	3 (19)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

GROSS FINDINGS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1
SEX : FEMALE

0rgan	Findings	Group Name NO. of Animals	19	9	Control	22	100 ppm (%)		24	200 ppm (%)	16	400 ppm (%)
ovary	cyst		2	2	(11)	2	(9)		4	(17)	1	(6)
uterus	nodule		ç	9	(47)	3	(14)	1	13	(54)	5	(31)
brain	red zone		3	1	(5)	1	(5)		0	(0)	1	(6)
spinal cord	nodule		(0	(0)	0	(0)		1	(4)	C	(0)
periph nerv	nodule		(0	(0)	. 1	(5)		0	(0)	C	(0)
Harder gl	enlarged		1	1	(5)	0	(0)		0	(0)	C	(0)
	nodule		(0	(0)	C	(0)		1	(4)	1	(6)
bone	nodùle		(0	(0)	C	(0)		0	(0)	1	(6)
mediastinum	nodule		(0	(0)	O	(0)		1	(4)	C	(0)
	mass		(0	(0)	1	(5)		2	(8)	2	(13)
peritoneum	nodule		(0	(0)	2	(9)		1	(4)	((0)
	thick		2	2	(11)	1	(5)		1	(4)	2	(13)
abdominal c	hemorrhage		2	2	(11)	C	(0)		1	(4)	C	(0)
	ascites		6	6	(32)	ε	(27)		9	(38)	8	(50)
thoracic ca	hemorrhage		:	1	(5)	((0)		0	(0)	((0)
	pleural fluid		10	0	(53)	7	(32)		11	(46)	5	(31)
other	lower jaw:nodule		1	1	(5)	C	(0)		0	(0)	C	(0)

TABLE I 6

GROSS FINDINGS : FEMALE

SACRIFICED ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

GROSS FINDINGS (SUMMARY) SACRIFICED ANIMALS (105W)

REPORT TYPE : A1

SEX : FEMALE

gan	Findings	Group Name NO. of Animals	31	Control (%)	27	100 ppm (%)	26	200 ppm (%)	34	400 ppm (%)
in/app	nodule		0	(0)	0	(0)	0	(0)	1	(3)
bcutis	mass		0	(0)	1	(4)	1	(4)	1	(3)
ing	nodule		1	(3)	0	(0)	1	(4)	0	(0)
mph node	enlarged		6	(19)	1	(4)	7	(27)	5	(15)
leen	enlarged		4	(13)	3	(11)	4	(15)	. 2	(6)
	white zone		1	(3)	0	(0)	0	(0)	0	(0)
	nodule		0	(0)	1	(4)	0	(0)	0	(0)
	deformed		0	(0)	0	(0)	0	(0)	1	(3)
igue	nodule		1	(3)	0	(0) ,	0	(0)	0	(0)
restomach	nodule		2	(6)	0	(0)	1	(4)	1	(3)
stomach	ulcer		1	(3)	0	(0)	0	(0)	0	(0)
all intes	nodule		0	(0)	1	(4)	1	(4)	0	(0)
ver	enlarged		1	(3)	1	(4)	1	(4)	0	(0)
	white zone		2	(6)	1	(4)	1	(4)	1	(3)
	red zone		2	(6)	4	(15)	2	(8)	0	(0)
	nodule		1	(3)	5	(19)	7	(27)	9	(26)
	cyst .		0	(0)	0	(0)	1	(4)	0	(0)
dney	hydronephrosis		2	(6)	1	(4)	1	(4)	1	(3)
tuitary	enlarged		0	(0)	2	(7)	1	(4)	2	(6)
	nodule	,	2	(6)	2	(7)	6	(23)	2	(6)
ry	enlarged .		2	(6)	1	(4)	1	(4)	2	(6)
	cyst		7	(23)	5	(19)	6	(23)	9	(26)

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]
REPORT TYPE : A1

GROSS FINDINGS (SUMMARY) SACRIFICED ANIMALS (105W)

SEX : FEMALE PAGE: 4

)rgan	Findings	Group Name Control NO. of Animals 31 (%)	100 ppm 27 (%)	200 ppm 26 (%)	400 ppm 34 (%)
iterus	nodule	1 (3)	4 (15)	2 (8)	3 (9)
ye	turbid	0 (0)	0 (0)	0 (0)	1 (3)
uscle	red zone	0 (0)	1 (4)	0 (0)	0 (0)
	nodule	0 (0)	1 (4)	0 (0)	0 (0)
one	nodule	1 (3)	0 (0)	0 (0)	0 (0)
ediastinum	mass	0 (0)	1 (4)	0 (0)	0 (0)
odominal c	ascites	1 (3)	3 (11)	1 (4)	2 (6)
esenterium	nodule	0 (0)	0 (0)	1 (4)	0 (0)
horacic ca	pleural fluid	3 (10)	2 (7)	1 (4)	2 (6)

(HPT080)

TABLE J1

ORGAN WEIGHT, ABSOLUTE: MALE

STUDY NO. : 0676
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1

SEX : MALE UNIT: g

ORGAN WEIGHT: ABSOLUTE (SUMMARY)

SURVIVAL ANIMALS (105W)

Name	NO. of Animals	Body Weight	ADRENALS	TESTES	HEART	LUNGS	KIDNEYS
Control	30	45.8± 7.6	0.011± 0.002	0.208± 0.038	0.229± 0.022	0.221± 0.112	0.712± 0.262
100 ppm	31	44.9± 8.6	0.011± 0.003	0.210± 0.040	0.225± 0.031	0.217± 0.103	0.685± 0.246
200 ppm	34	46.5± 6.5	0.011± 0.002	0.204± 0.035	0.231± 0.023	0.214± 0.064	0.683± 0.050
400 ppm	39	44.4± 5.5	0.011± 0.002	0.210± 0.045	0.217± 0.026	0.213± 0.071	0.704± 0.332

(HCL040)

BAIS 4

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 SEX : MALE INIT: p

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

oup Name	NO. of Animals	SPLEEN	LIVER	BRAIN		
Control	30	0.163 ± 0.340	1.623± 0.281	0.462 ± 0.019		
100 ppm	31	0.192± 0.449	2.080± 1.054	0.460± 0.016		
200 ppm	34	0.102± 0.123	1.791± 0.567	0.458± 0.019		
400 ppm	39	0.276± 0.781	1.679± 0.471	0.456± 0.016		

(HCL040)

TABLE J2

ORGAN WEIGHT, ABSOLUTE: FEMALE

STUDY NO. : 0676
ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE UNIT: g

ORGAN WEIGHT: ABSOLUTE (SUMMARY)

SURVIVAL ANIMALS (105W)

p Name	NO, of Animals	Body Weight	ADRENALS	OVARIES	HEART	LUNGS	KIDNEYS
Control	30	29. 1± 3. 4	0.015± 0.003	0.201± 0.557	0.174± 0.026	0. 213± 0. 098	0.487± 0.219
100 ppm	27	33.2± 3.8**	0.015± 0.004	0.061± 0.043	0.182± 0.034	0.186± 0.015	0.458± 0.071
200 ppm	25	31.9± 4.6*	0.014± 0.002	0.079± 0.067	0.179± 0.023	0.196± 0.027	0.503± 0.241
400 ppm	34	30.1± 4.5	0.013± 0.003	0.063± 0.050	0.175± 0.024	0.194± 0.018	0.459± 0.138

(HCL040)

BAIS 4

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE UNIT: g

ORGAN WEIGHT: ABSOLUTE (SUMMARY)

SURVIVAL ANIMALS (105W)

roup Name	NO. of Animals	SPLEE	N	LIVI		BRA	N	
Control	30		0. 276	1. 438±	0. 248	0.483±	0.018	
100 ppm	27	0.202±	0. 218	1.731±	0. 979	0.490±	0. 016	
200 ppm	25	0. 232±	0. 244	1.715±	1. 070	0.474±	0.016	
400 ppm	34	0.173±	0. 148	1.417±	0. 269	0.483±	0.018	

TABLE K1

ORGAN WEIGHT, RELATIVE : MALE

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE UNIT: %

up Name	NO. of Animals	Body Weight (g)	ADRENALS	TESTES	HEART	LUNGS	KIDNEYS
Control	30	45.8± 7.6	0.024± 0.007	0.469± 0.132	0.511± 0.090	0.513± 0.376	1.624± 0.856
100 ppm	31	44.9± 8.6	0.025± 0.010	0. 485± 0. 136	0.515± 0.112	0.519± 0.344	1.601± 0.814
200 ppm	34	46.5± 6.5	0.023± 0.007	0.448± 0.108	0.501± 0.056	0.476± 0.218	1.498± 0.264
400 ppm	39	44.4± 5.5	0.024± 0.006	0.476± 0.110	0.491± 0.059	0.484± 0.158	1.634± 1.034

(HCL042)

BAIS 4

STUDY NO. : 0676
ANIMAL : MOUSE BGD2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

SEX : MALE UNIT: %

				BRAIN		
Control	30	0.392± 0.922	3.605± 0.717	1.039± 0.195		
100 ppm	31	0.494± 1.241	5. 125± 3. 803	1.064± 0.231		
200 ррт	34	0.234± 0.325	3.923± 1.549	1.004± 0.160		
400 ppm	39	0.727± 2.271	3.862± 1.513	1.040± 0.127	·	

(HCL042)

BAIS 4

TABLE K2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0676
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE UNIT: %

ORGAN WEIGHT: RELATIVE (SUMMARY)

SURVIVAL ANIMALS (105W)

oup Name	NO. of Animals	Body Weight (g)	ADRENALS	OVARIES	HEART	LUNGS	KIDNEYS
Control	30	29.1± 3.4	0.051± 0.013	0.655± 1.732	0.607± 0.123	0.744± 0.364	1.710± 0.932
100 ррш	27	33.2± 3.8**	0.044± 0.013	0.184± 0.132	0.549± 0.094	0.566± 0.065 * *	1.382± 0.179*
200 ррт	25	31.9± 4.6*	0.044± 0.008	0.258± 0.246	0.573± 0.108	0.631± 0.144	1.645± 1.052
400 ppm	34	30.1± 4.5	0.045± 0.013	0.208± 0.160	0.594± 0.119	0.658± 0.102	1.549± 0.443

(HCL042)

BAIS 4

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

Significant difference : $*: P \leq 0.05$

** : P ≤ 0.01

REPORT TYPE : A1 SEX : FEMALE UNIT: % ORGAN WEIGHT: RELATIVE (SUMMARY) SURVIVAL ANIMALS (105W)

LIVER Group Name NO. of SPLEEN BRAIN Animals Control 30 0.892± 1.154 4.981 ± 0.945 1.682 ± 0.194 100 ppm 27 0.599 ± 0.594 5.181 ± 2.653 1.494生 0.180** 25 200 ppm 0.777 ± 0.883 5.499 ± 3.664 1.516± 0.210* 400 ppm 34 0.572 ± 0.454 4.760 ± 0.864 1.642 ± 0.267

Test of Dunnett

(HCL042)

BAIS 4

TABLE L1

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : MALE

ALL ANIMALS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1 SEX : MALE

		Group Name No. of Animals on S	tudy	50	Conti 0	rol				50	100 j	ppm				4	200 9	ppm					4 50	(q 00	pm
rgan	Findings	Grade	(%)	(%)	<u>3</u> (%)	(%)		(%))	2 (%)	(%)	<u>4</u> (%	6)	(<u>1</u> %)	2 (%)	(%)		<u>1</u> 6)		(%)	(2 %)	3 (%)	(%)
Integumentary	/ system/appandage)					,	ü																		
kin/app	ulcer		0 (0)	<50 2 (4)	0	0 (0)		1 (2)) (<50 1 2) (0	0)		(2 4) (<4 1 2)	0)))	(0 (0)		<50> 1 2) (0	0 (0)
	squamous cell hyperplasia		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)
ubcutis	inflammation		0 (0)	<5 0 (0)	0	0 (0)		0 (0)) (<50 2 4) (0	(()))		0 0) (<4 0 0)	0	(0 0)	. (0 (0)		<50) 0 0) (0	0 (0)
Respiratory s	system}																								
asal cavit	exudate		0 (0)	<5 0 (0)	0	0 (0)		4 (8)) (<50 2 4) (0	(() *))	1 (2	.1 2) (<4 35 71)	0		0) ** 0)	. (20 (40)	2 (5		1	0 × (0)
	mineralization		6 (12)	0 (0)	0 (0)	0 (0)		2 (4)) (0	0 (0)	(()))		3 6) (0 0)	0 (0)		0 0)	(1 (2)		0 0) (0 0)	0 (0)
	inflammation		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)

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1 SEX

ANIMAL

: MALE

Group Name 200 ppm 400 ppm Control 100 ppm 50 No. of Animals on Study 50 50 49 Grade Findings_ (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (Respiratory system) nasal cavit <50> <49> <50> eosinophilic change:olfactory epithelium 0 13 21 0 (48) (4) (0) (0) (0)(0)(0) (27) (2) (0) (0) 0) (0) (0) eosinophilic change:respiratory epithelium 17 0 (34) (0) (0) (0) (34) (0) (0) (0) (82) (4) (0) (0) (76) (2) (0) (0) inflammation:respiratory epithelium (2)(0)(0)(0) (0)(0)(0)(0) (6)(0)(0)(0) (0)(0)(0)(0) respiratory metaplasia:olfactory epithelium 0 44 (48) (0) (0) (0) (48) (0) (0) (0) (78) (0) (0) (0) (88) (0) (0) (0) respiratory metaplasia: gland 36 0 0 (72) (0) (0) (0) (78) (2) (0) (0) (73) (6) (0) (0) (78) (12) (0) (squamous cell metaplasia: respiratory epithelium 12 0 ** 18 0 ** (2)(0)(0)(0) (2)(0)(0) (0) (24) (0) (0) (0) (36) (4) (0) (0) ulcer:respiratory epithelium 0 (0)(0)(0)(0) (0)(0)(0)(0) (2)(0)(0)(0) (0)(0)(2)(0) transitional cell hyperplasia 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (2)(0)(0)(0) (2) (0) (0) (0)

Grade

^{1 :} Slight

^{2 :} Moderate

^{3 :} Marked

^{4 :} Severe

< a > b

a: Number of animals examined at the site

b: Number of animals with lesion (c) c:b/a * 100

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

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ANIMAL REPORT TYPE : A1 SEX : MALE ALL ANIMALS (0-105W)

Group Name Control 100 ppm 200 ppm 400 ppm 50 49 50 No. of Animals on Study 50 Grade (%) (%) Findings_ (%) (%) (%) (%) Organ_ {Respiratory system} nasal cavit <49> xanthogranuloma (0)(0)(0)(0) (0)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) atrophy:olfactory epithelium 0 0 29 (4)(4)(0)(0) (46) (52) (0) (0) (0)(0)(0)(0) (37) (59) (0) (0) necrosis:respiratory epithelium (0)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) <50> nasopharynx <50> <50> <49> eosinophilic change 0 0 0 0 0 (0)(0)(0)(0) (2) (0) (0) (0) (2)(0)(0)(0) (10) (0) (0) (0) lung <50> <50> **〈49〉** <50> congestion 0 0 0 0 (0)(2)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (2)(0)(0)(0) hemorrhage (0)(2)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) inflammatory infiltration (2) (0) (0) (0) (2) (0) (2) (0) (6)(2)(0)(0) (0)(2)(0)(0)

Grade 1 : Slight

2 : Moderate

3 : Marked

4 : Severe

< a > ь

a: Number of animals examined at the site

b: Number of animals with lesion (c) c:b/a * 100

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

(HPT150)

BAIS4

: MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

REPORT TYPE : A1 SEX : MALE

ANIMAL

ALL ANIMALS (0-105W)

PAGE: 4 Group Name 200 ppm 400 ppm Control 100 ppm 50 No. of Animals on Study 50 50 (%) (%) Organ_ Findings_ (%) (%) (%) (%) (%) (%) (%) (%) {Respiratory system} lung <50> <50> <49> lymphocytic infiltration (-2) (0) (0) (0) (0)(0)(0) (0) (0)(0)(0)(0) (0)(0)(0)(0) granulation 0 (0)(0)(0) (0)(0)(0)(0) (0)(2)(0)(0) (0)(0)(0)(0) squamous cell metaplasia (0)(0)(0)(0) (0)(0)(0)(0) (0)(2)(0)(0) (0)(0)(0)(0) accumulation of foamy cells (2)(0)(0)(0) (0)(0)(0)(0) (2) (0) (0) (0) (2) (0) (0) (0) bronchiolar-alveolar cell hyperplasia 0 3 (0)(0)(0)(0) (2)(0)(0)(0) (6)(2)(0)(0) (2)(2)(0)(0) {Hematopoietic system} bone marrow angiectasis 0 (2)(0)(0) (0)(0)(0)(0) 0) (0) (0) (0) (0)(0)(0)(0) increased hematopoiesis 0 (0)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) (2)(0)(0)(0) Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe

b

< a >

a: Number of animals examined at the site

b: Number of animals with lesion

(c) c:b/a * 100

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE: A1

: MALE

		Group Name	Contro	1	100 ppm	200 ppm	400 ppm
)rgan	Findings	No. of Animals on Study Grade 1 (%)	50 2 3 (%) (%)	<u>4</u> (%)	50 1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	50 1 2 3 4 (%) (%) (%) (%)
{Hematopoie	tic system)						
spleen	deposit of melanin	0 (0)	<50> 0 0 (0) (0) (0 ()	2 0 0 0 (4) (0) (0) (0)	<pre></pre>	<pre></pre>
	extramedullary hematopoiesis	6 (12)	2 2 (4) (4) (0 (0)	12 8 0 0 * (24) (16) (0) (0)	11 3 0 0 (22) (6) (0) (0)	2 3 0 0 (4) (6) (0) (0)
	lymph-follicular hyperplasia	0 (0)	0 2 (0) (4) (0 (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	0 1 0 0 (0) (0)
(Circulator	y system}						
neart	mineralization	0 (0)	<50> 1 0 (2) (0) (0 (0)	<50> 2	2 1 0 0 (4) (2) (0) (0)	(50) 0 0 0 0 (0) (0) (0) (0)
	myocardial fibrosis	1 (2)	0 0	0 (0)	0 1 0 0 (0) (2) (0) (0)	1 0 0 0 0 (2) (3) (6) (6)	0 0 0 0 0 (0) (0)
{Digestive	system)						
tooth	dysplasia	0 (0)	<50> 0 0 (0) (0) (0 (0)	<50> 0 0 0 0 (0) (0) (0) (0)	<pre></pre>	(50) 0 0 0 0 (0) (0) (0) (0)
Grade <a>> b (c)	1: Slight 2: Moderate a: Number of animals examined at the b: Number of animals with lesion c: b / a * 100 difference; *: P ≤ 0.05 **: 1	3: Marked 4: Severe e site ≥ ≤ 0.01 Test of Chi Squar					

. 0070

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

 ${\tt HISTOPATHOLOGICAL\ FINDINGS\ :} {\tt NON-NEOPLASTIC\ LESIONS\ (SUMMARY)}$

ALL ANIMALS (0-105W)

REPORT TYPE : A1

ANIMAL

SEX : MALE

Group Name 100 ppm Control 200 ppm 400 ppm No. of Animals on Study 50 49 50 50 Findings_ (%) (%) (%) (%) (%) (%) (%) (%) (%) (Digestive system) tongue <50> <50> arteritis (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) salivary gl <50> <50> <49> <50> lymphocytic infiltration (2)(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)(0)(0)(0) (2)(2)(0)(0) stomach <49> ulcer:forestomach 0 0 (2) (0) (0) (0) (0)(2)(0)(0) (2) (0) (0) (0) (0)(0)(0)(0) hyperplasia: forestomach (0)(0)(0)(0) (0)(0)(0)(0) (2)(0)(0)(0) (4)(0)(0)(0) erosion:glandular stomach (16) (0) (0) (0) (14) (2) (0) (0) (10) (0) (0) (0) (14) (4) (0) (0) ulcer:glandular stomach (0)(0)(0)(0) (2)(0)(0)(0) (4)(0)(0)(0) (2)(0)(0)(0)

Grade

^{1 :} Slight

^{2 :} Moderate

^{3 :} Marked

^{4 :} Severe

⁽a) a: Number of animals examined at the site

b b: Number of animals with lesion

c) c:b/a * 100

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

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1 : MALE SEX

ANIMAL

PAGE: 7

		Group Name No. of Animals on Study	Control 50	100 ppm 50	200 ppm 49	400 ppm 50
0rgan	Findings	Grade <u>1</u> (%)	2 3 4 (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
{Digestive sy	ystem)					
stomach	hyperplasia:glandular stomach	4 (8)	<50> 0 0 0 (0) (0) (0)	(50) 12 0 0 0 (24) (0) (0) (0)	<pre></pre>	\$ 0 0 0 (16) (0) (0) (0)
liver	angiectasis	0 (0)	<50> 0 0 0 (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	<49> 2 0 0 0 (4) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)
	necrosis:focal	1 (2)	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) (0)
	collapse	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)
	inflammatory infiltration	0 (0).	0 0 0 0 (0) (0)	0 1 0 0 (0) (2) (0) (0)	1 0 0 0 0 (2) (0) (0) (0)	0 0 0 0 0 (0) (0)
	granulation	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 0 0 0 (0) (0)	0 1 0 0 (0) (2) (0) (0)
	inflammatory cell nest	1 (2)	1 0 0	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
	extramedullary hematopoiesis	1 (2)	0 0 0	1 0 0 0 0 (2) (0) (0) (0)	0 0 0 0 0	1 0 0 0 0 (2) (0) (0) (0)

Grade 1 : Slight

2 : Moderate

3 : Marked

4 : Severe

<a>>

a: Number of animals examined at the site

b

b: Number of animals with lesion

(c)

c:b/a*100

ANIMAL

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

REPORT TYPE : A1 SEX : MALE ALL ANIMALS (0-105W)

Group Name Control 100 ppm 200 ppm 400 ppm 49 50 No. of Animals on Study 50 50 Grade (%) (%) (%) (%) (%) Organ_ Findings_ (%) (%) (Digestive system) liver <49> (50> <50> clear cell focus 0 0 (2)(0)(0)(0) (0)(0)(0)(0) (0)(4)(0)(0) (0)(0)(0)(0) acidophilic cell focus 0 0 (8)(2)(0)(0) (8)(2)(0)(0) (10) (0) (0) (0) (4)(0)(0)(0) basophilic cell focus (0)(0)(0)(0) (4)(0)(0)(0) (2)(0) (0) (0) (4)(0) (2) (0) hyperplasia: Ito-cell (0)(0)(0)(0) (0)(2)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) gall bladd ⟨50⟩ <50> <49> ⟨50⟩ cyst 0 (0)(0)(0)(0) (0)(0)(0)(0) (2)(0) (0) (0) (0)(0)(0)(0) pancreas ⟨50⟩ <50> **〈49〉** <50> islet cell hyperplasia 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) xanthogranuloma (0)(0)(0)(0) (0)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0)

Grade

ь

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; $*: P \le 0.05$ **: $P \le 0.01$ Test of Chi Square

(HPT150)

BAIS4

STUDY NO. : 0676 ANIMAL

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1 SEX : MALE

PAGE: 9

		Group Name No. of Animals on Stud Grade	у 1	50 2	Cont	4		1	2	50	10 pg 3	om 4		. 1	2	49	1 002 3	opm 4	<u>t</u>		1	2	50	19 00. _ 8	
rgan	Findings		(%)	(%)	(%)	%)		(%)	(%))	(%)	(%)		(%)	(%)	(%)	(%			(%)	(%)		(%)	(%)
Urinary sys	tem)																								
idney	hemorrhage		0 (<50 0 0)	0	0 0)	(0 0)	1	(50>) (0	0 (0)	(0 0)	0		0 0 0)	(0		(0 0)	0		0 0)	0 (0)
	thrombus	(0 (0 0)	0 (0)	0 0)	(0 0)	0 (0)) (0 0)	0 (0)	(0 0)	1 (2	e) (0 0)	0))))	. (0 0)	0 (0)) (0 0)	0 (0)
	cyst	(2 4) (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)
	hyaline droplet		2 4) (0 0)	0 (0)	0 0)	.(0 0)	0) (0	0 (0)	(1 2)	0		0 0)	0)		(1 2)	0 (0)		0 0)	0
	basophilic change	(1 2) (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
	lymphocytic infiltration	(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
	inflammatory polyp	· (0 (2 4)	1 (2)	0 0)	(0 0)	2) (1 2)	0 (0)	. (0 0)	1 (2	L 2) (1 2)	(()))	(0 0)	0 (0)		0 0)	0
	hydronephrosis	(1 (1 2)	1 (2)	0 0)	(0 0)	3) (6 12)	0 (0)	(0 0)	1 (2	:	2 4)	(((0 0)	1 (2) (0 0)	0

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

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1 SEX

: MALE

	· · · · · · · · · · · · · · · · · · ·	Group Name No. of Animals on Study		100 ppm 50	200 ppm 49	400 ppm 50
Organ	Findings	Grade (9	1 2 3 4 (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
{Urinary syst	cem)					
kidney	dilated pelvis	. (:	<50> 1 0 0 0 2) (0) (0) (0)	<50> 1 0 0 0 (2) (0) (0) (0)	<49> 0 0 0 0 (0) (0) (0) (0)	(50) 0 0 0 0 (0) (0) (0) (0)
urin bladd	dilatation		<50> 0 0 8 0 0) (0) (16) (0)	<50> 0 0 5 0 (0) (0) (10) (0)	<49> 0 0 2 0 (0) (0) (4) (0)	(50) 0 0 0 0 *** (0) (0) (0) (0)
	nodular hyperplasia:transitional epith	əlium (0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 (2) (0) (0) (0)
{Endocrine sy	rstem)					
pituitary	angiectasis		<50> 0 0 0 0 0) (0) (0) (0)	<pre></pre>	49> 1 0 0 0 (2) (0) (0) (0)	(50) 0 0 0 0 (0) (0) (0) (0)
	cyst		1 0 0 0 0 2) (0) (0) (0)	1 0 0 0 0 (2) (0) (0) (0)	1 0 0 0 0 (2) (0) (0)	2 0 0 0 0 (4) (0) (0) (0)
	hyperplasia		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 0 (2) (3) (4)	0 0 0 0	0 0 0 0 0 (0) (0)
Grade <a>> b (c) Significant d	 a: Number of animals examined at the si b: Number of animals with lesion c: b / a * 100 					

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

a : Number of animals examined at the site

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

b: Number of animals with lesion

c:b/a * 100

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

REPORT TYPE: A1 SEX : MALE

ANIMAL

Group Name 100 ppm 200 ppm 400 ppm Control 50 No. of Animals on Study 50 50 (%) (%) Organ_ Findings (%) (%) (%) (%) (%) (%) (%) {Endocrine system} pituitary **<49> <49>** Rathke pouch (6)(0)(0)(0) (0)(0)(0)(0) (2)(2)(0)(0) (0)(0)(0)(0) parathyroid <50> <50> <49> <50> cyst 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (2)(0)(0)(0) (2)(0)(0)(0) adrenal **<49>** <50> <50> <50> spindle-cell hyperplasia 0 0 0 0 0 (24) (0) (0) (0) (22) (0) (0) (0) (16) (0) (0) (0) (16) (0) (0) (0) hyperplasia:cortical cell (18) (0) (0) (0) (22) (2) (0) (0) (16) (2) (0) (0) (10) (4) (0) (0) {Reproductive system} testis <50> mineralization 0 0 0 0 (6)(0)(0)(0) 0) (0) (0) (2)(0)(0)(0) (4)(0)(0)(0) interstitial cell hyperplasia (0)(2)(0)(0) (2) (0) (0) (0) (0)(2)(0)(0) (0)(0)(0)(0) 1 : Slight 2 : Moderate Grade 3 : Marked 4 : Severe

<a>>

b

(c)

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1 SEX

ANIMAL

: MALE

Group Name Control 100 ppm 200 ppm 400 ppm 50 49 No. of Animals on Study 50 50 Grade (%) (%) Organ_ Findings_ (%) (%) (%) (%) (Reproductive system) <49> testis spermatogenic granuloma (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (2) (0) (0) (0) epididymis <50> <50> <49> ⟨50⟩ spermatogenic granuloma (2)(0)(0)(0) (2)(2)(0)(0) (0)(0)(0)(0) (4)(0)(0)(0) <50> <50> <49> <50> semin ves hemorrhage 0 0 0 0 0 0 (2)(0)(0)(0) (0)(0)(0)(0) 0) (0) (0) (0)(0)(0)(0) <50> <49> prostate inflammatory infiltration 0 (0)(0)(0)(0) (2)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) prep/cli gl <50> **<49>** cyst (0)(0)(0)(0) (2)(0)(0)(0) (2)(0)(0)(0) (2) (0) (0) (0) {Nervous system} brain 0 0 hemorrhage 0 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (2) (0) (0) (0) (0)(0)(0)(0) Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe < a > a: Number of animals examined at the site b b: Number of animals with lesion

(c)

c:b/a*100

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

ANIMAL

SEX

: MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1

: MALE

Organ	Findings	Group Name No. of Animals on S Grade	Control sudy 50 1 2 3 4 (%) (%) (%) (%)	100 ppm 50 1 2 3 4 (%) (%) (%) (%)	200 ppm 49 1 2 3 4 (%) (%) (%) (%)	400 ppm 50 1 2 3 4 (%) (%) (%) (%)
Nervous sys	stem)					
orain	mineralization		\(\frac{\\$50\>}{18} 0 0 (36) (0	(50) 17 0 0 0 (34) (0) (0) (0)	21 0 0 0 (43) (0) (0) (0)	(50) 18 0 0 0 (36) (0) (0) (0)
Special ser	nse organs/appendage)					
уе	keratitis		<pre></pre>	<pre></pre>	0 0 0 0 (0) (0) (0) (0)	<pre></pre>
	phthisis bulbi		0 0 0 0 0 (0) (0)	0 0 0 1 (0) (0) (2)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
arder gl	hyperplasia		(50) 0 0 0 0 (0) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)	(49) 1 0 0 0 (2) (0) (0) (0)	(0) (0) (0) (0)
Musculoskel	letal system}					
uscle	mineralization		0 0 0 0 (0) (0) (0) (0)	<50> 1 0 0 0 (2) (0) (0) (0)	<pre></pre>	<50> 0 0 0 0 (0) (0) (0) (0)
rade a > b c) ignificant	1: Slight 2: Moderate a: Number of animals examined a b: Number of animals with lesio c: b / a * 100 difference; *: P ≤ 0.05 *	t the site n	Severe i Square			

STUDY NO. : 0676 ANIMAL

: MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX

: MALE

Group Name 100 ppm 200 ppm 400 ppm Control 49 50 No. of Animals on Study 50 50 (%) (%) (%) Organ__ Findings_ (%) (%) (%) (%) (%) (%) (%) (Musculoskeletal system) bone <50> ostitis fibrosa 0 (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (2)(0)(0)(0) {Body cavities} peritoneum <50> **〈49〉** cyst 0 0 (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe (a) a: Number of animals examined at the site b b: Number of animals with lesion (c) c : b / a * 100Significant difference; *: P ≤ 0.05 **: P ≤ 0.01 Test of Chi Square (HPT150)

BAIS4

TABLE L2

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : MALE

DEAD AND MORIBUND ANIMALS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

REPORT TYPE : A1 SEX : MALE DEAD AND MORIBUND ANIMALS (0-105W)

Findings	Group Name No. of Animals on Study Grade(%)	20 2	3	4	1(%)	19 2	3	4 (%)	<u>1</u> (%)	2 (%)		4 (%)	<u>.</u>	<u>1</u> %)	11 2	3 (%)	0m 4 (%)
									•								
ystem/appandage)																	
ulcer	0 (0)	2	0	0	0 0) (1	0 0) (0 0)	1 (7)	1	0	0 (0)			1	0	0 (0)
inflammation	0 (0)	0	0					0 0)	0 (0)	0	0	0 (0)			0	0	0
tem)																	
exudate	0 (0)	0	0					0	3 (20)	11	0	0 **			8	1	0 ** (0)
mineralization	0 (0)	0 (0) (0 (0 (1 5) (0 (0 0) (0 0)	0 (0)	0 (0)	0 (0)	0 (0)			0 (0 0)	0 (0)
eosinophilic change:olfactory epithe		0 (0) (0 (0 0) (0 0)	6 (40)	0 (0)	0 (0)	0 (0)			0	0	0 ** (0)
eosinophilic change respiratory epit		0 (0) (0 (0 0)	11 (73)			0 *	(3	4 6) (0 0) (0	0 (0)
		No. of Animals on Study Grade 1 (%)	No. of Animals on Study 20 Grade 1 2 (%) (%)	No. of Animals on Study 20 1 2 3 3 (%) (%) (%) (%) (%)	No. of Animals on Study 20 1 2 3 4	No. of Animals on Study	No. of Animals on Study 20 19	No. of Animals on Study 20	No. of Animals on Study 20 19 1 2 3 4 1 2 3 4 (%)	No. of Animals on Study 20 19 1 2 3 4 4 1 2 3 4 4 1 2 4 4 4 4 4 4 4 4 4	No. of Animals on Study 20 19 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1 2 4 4 4 4 4 4 4 4 4	No. of Animals on Study 20					

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

ANIMAL REPORT TYPE : A1 SEX : MALE

PAGE: 2

		roup Name o, of Animals on Study	,	. (0 20	Contr	rol			100 j 19	p pm			200 15	ppm		1	400 pi	pm
rgan		rade	1	<u>2</u> (%)	3 (%)	(%)	(%)	(%)	(%)	(%)	(%)	<u>2</u> (%	3 (%)	(%)	(%)	(%)	(%)	(%)
Respiratory	system)			٠														
asal cavit	respiratory metaplasia olfactory epithe		7 85) (<200 0 0) (0	0 (0)	4 (21)	0	19> 0 (0)	0 (0)	8 (53)	0	<15> 0) (0)	0 (0)	6 (55)	0	0 (0)	0 (0)
	respiratory metaplasia:gland		12 50) (0 (0 0)	0 (0)	14 (74)	0 (0)	0 (0)	0 (0)	9 (60)	1 (7	0 (0)	0 (0)	6 (55)	0 (0)	0 (0)	0 (0)
	squamous cell metaplasia:respiratory ep		0 0) (0 (0 0)	0 (0)	0 (0)	(0)	0 (0)	0 (0)	4 (27)	0 (0	0 (0)	0 (0)	4 (36)	2 (18)	0 (0)	(0)
	ulcer:respiratory epithelium		0 0) (0 (0 0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0)	0) (0)	0 (0)	0 (0)	0 (0)	1 (9)	0 (0)
	atrophy:olfactory epithelium		0 0) (0	0	0 (0)	0 (0)	2 (11)	0 (0)	0 (0)	3 (20)	11 (73	. 0	0 **	3 (27)	7 (64)	0 (0)	(0)
	necrosis:respiratory epithelium		0 0) (0 0) (0 0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	0 (0)	0	0 (0)	0 (~ 0)	0 (0)	(0)	0 (0)	0 (0)
nasopharynx	eosinophilic change		0 0) (<200 0 0) (0	0 (0)	1 (5)	0.	19> 0 (0)	0 (0)	2 (13)	0	<15> 0 0 0) (0)	0 (0)	0 (0)	0	0 (0)	0 (0)
ung	congestion		0 0) (<20 0 0) (0	0 (0)	0 (0)	0	19> 0 (0)	0 (0)	1 (7)	0		0 (0)	0 (0)	1	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)

STUDY NO. : 0676 ANIMAL

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1 SEX

: MALE

		Group Name No. of Animals on Study	Control 20	100 ppm 19	200 ppm 15	400 ppm 11
rgan	Findings	Grade <u>1</u> (%)	2 3 4 (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%)	1 2 3 4 (%) (%) (%)
Respiratory s	system)					
ung	hemorrhage	0 (0)	<20> 1 0 0 (5) (0) (0)	0 0 0 0 (0) (0) (0) (0)	<15> 0 0 0 0 0 0 0 0 0 0 0 0 0	(11) 0 0 0 0 (0) (0) (0) (0)
	inflammatory infiltration	1 (5)	0 0 0 0 (0) (0)	1 0 1 0 (5) (0) (5) (0)	2 1 0 0 (13) (7) (0) (0)	0 0 0 0
	accumulation of foamy cells	0 (0)	0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (7) (0) (0)	0 0 0 0 0
Hematopoietic	system)	·				
one marrow	increased hematopoiesis	0 (0)	<20> 0 0 0 (0) (0) (0)	1 0 0 0 (5) (0) (0) (0)	<15> 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 (0) (0) (0) (0)
spleen	deposit of melanin	0 (0)	<20> 0 0 0 (0) (0) (0)	(19) 1 0 0 0 (5) (0) (0) (0)	<15> 0 0 0 0 0 0 0 0 0 0 0	<11> 0 0 0 0 0 0 0 0 0 0 0 0
	extramedullary hematopoiesis	4 (20)	2 2 0 (10) (10) (0)	3 8 0 0 (16) (42) (0) (0)	2 3 0 0 (13) (20) (0) (0)	1 2 0 0 (9) (18) (0) (0
⟨a⟩ b	1: Slight 2: Moderate a: Number of animals examined at th b: Number of animals with lesion c: b/a * 100 ifference; *: P ≤ 0.05 **:	$3: Marked$ $4: Severe$ ne site $P \le 0.01$ Test of Chi Squar				

: MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1 SEX : MALE

ANIMAL

PAGE: 4

Organ	Findings	Group Name No. of Animals on Study Grade 1 (%)	Control 20 2 3 4 (%) (%) (%)	100 ppm 19 1 2 3 4 (%) (%) (%) (%)	200 ppm 15 1 2 3 4 (%) (%) (%) (%)	400 ppm 111 1 2 3 4 (%) (%) (%) (%)
{Circulatory	y system}					
heart	mineralization	0 (0)	<20> 1 0 0 (5) (0) (0)	<19> 2 0 0 0 (11) (0) (0) (0)	\(\frac{15}{1}\) \(\frac{1}{7}\) (\(\frac{7}{7}\) (\(\frac{0}{7}\) (\(\frac{0}{7}\) (\(\frac{0}{7}\))	0 0 0 0 (0) (0) (0) (0)
	myocardial fibrosis	1 (5)	0 0 0 0 (0) (0)	0 1 0 0 (0) (5) (0) (0)	1 0 0 0 0 (7) (0) (0)	0 0 0 0 0 (0) (0)
{Digestive s	system)					
stomach	ulcer:forestomach	1 (5)	<20> 0 0 0 0 0 0 0 0	0 0 0 0 (0) (0) (0) (0)	0 0 0 0 (0) (0) (0) (0)	(11) 0 0 0 0 (0) (0) (0) (0)
	hyperplasia:forestomach	0 (0)	0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (7) (0) (0) (0)	0 0 0 0 0 (0) (0)
	erosion:glandular stomach	2 (10)	0 0 0 (0)	1 0 0 0 (5) (0) (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (9) (0) (0)
	ulcer:glandular stomach	0 (0)	0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (9) (0) (0)
	hyperplasia:glandular stomach	1 (5)	0 0 0 0 (0) (0)	2 0 0 0 0 (11) (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

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1 SEX : MALE

		Group Name No. of Animals on Study Grade	у 1	20	Cont	rol 4			1	2	19	90 pp 3	om 4		1	2	20 15	0 pp: 3	n 4		1	2	11 2 ·		pm 4
)rgan	Findings		(%)	(%)	(%)				%)	(%)		(%)	(%)		(%)	(%)	(%)	(%)		(%)	(%	,)	(%)	(%)
Digestive sys	stem)	•																							
iver	angiectasis		0 (<20 0 0)	0	0		(0 0) (0	(19>	0 0) (0 (0)	(1 7) (0		0 0) (0 0)	(0 0)	0		0	0 (0)
	necrosis:focal		0 (0	0 (0)	0		(0 0) (1 (5)) (0	0 (0)	(0	0 (0)	(0 0) (0 0)	(0 0)	0		0 0)	(0
	inflammatory infiltration	(0 (0	0 (0)	(0	,))	(0 0) (1 (5)		0	0 (0)	(0	0 (0)	(0 0) (0	(0 0)	0		0	(0
	extramedullary hematopoiesis		0 (0	0 (0)	(0		(1 5) (0 (0)) (.	0	0 (0)	(0 0) (0 (0)	(0 0) (0 0)	(0 0)	0))) (0 0)	(0
	acidophilic cell focus		0 (0	0 (0)	(0)))`	. (:	2	0 (0)), (0 0) (0 (0)	(1 7) (0 (0)	(0 0) (0 0)	(0 0)	0))) (0 0)	(0
Urinary syste	em)																								
idney	hemorrhage		0 0) (<20 0 0)	0	0)		· (0 0)	1		0 0)	0 (0)	(0	0	(0 0) (0 0)	(0 0)	0		0	0
	thrombus		0 0) (0	0	0 (0		(0 0)	0) (0	0	(0	1 (7)	(0 0) (0 0)	(0 0)	0		0 0)	0

(c)

c:b/a * 100

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

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

ANIMAL REPORT TYPE : A1 SEX

: MALE

PAGE: 6

	·			
	Group Name Control No. of Animals on Study 20	100 ppm 19	200 ppm 15	400 ppm 11
Findings	Grade 1 2 3 4 (%) (%) (%) (%)	$\frac{1}{(\%)}$ $\frac{2}{(\%)}$ $\frac{3}{(\%)}$ $\frac{4}{(\%)}$	$\frac{1}{(\%)}$ $\frac{2}{(\%)}$ $\frac{3}{(\%)}$ $\frac{4}{(\%)}$	1 2 3 4 (%) (%) (%) (%)
em}		`.		
cyst	20> 2 0 0 0 (10) (0) (0) (0)	<19> 0 0 0 0 (0) (0) (0) (0)	<15> 0 0 0 0 (0) (0) (0) (0)	0 0 0 0 (0) (0) (0) (0)
hyaline droplet	2 0 0 0 0 (10) (10) (10) (10)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (7) (0) (0)	1 0 0 0 0 (9) (0) (0)
lymphocytic infiltration	0 0 0 0 0 (0) (0)	1 0 0 0 (5) (0) (0) (0)	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0)
inflammatory polyp	0 0 1 0 (0) (5) (0)	0 2 1 0 (0) (11) (5) (0)	0 1 1 0 (7) (7) (0)	0 0 0 0 0 (0) (0)
hydronephrosis	0 1 0 0 (0) (5) (0) (0)	0 2 6 0 * (0) (11) (32) (0)	0 0 2 0 (0) (13) (0)	0 1 0 0 (0) (0)
dilated pelvis	1 0 0 0 (5) (0) (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
dilatation	<20> 0 0 7 0 0 0 (35) (0)	<19> 0 0 5 0 (0) (0) (26) (0)	<15> 0 0 2 0 (0) (0) (13) (0)	0 0 0 0 (0) (0) (0) (0)
ystem)				
Rathke pouch	<20> 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 (0) (0) (0) (0)	0 0 0 0 (0) (0) (0) (0)	1 0 0 0 (9) (0) (0) (0)
	cyst hyaline droplet lymphocytic infiltration inflammatory polyp hydronephrosis dilated pelvis dilatation	No. of Animals on Study 20 1 2 3 4 (%)	No. of Animals on Study 20	No. of Anisals on Study 20

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

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1 SEX

: MALE

Organ	:	Group Name No. of Animals on Study Grade 1 (%)	Control 20 2 3 4 (%) (%) (%)	100 ppm 19 1 2 3 4 (%) (%) (%) (%)	200 ppm 15 1 2 3 4 (%) (%) (%)	400 ppm 11 1 2 3 4 (%) (%) (%) (%)
Endocrine sys	stem)			*	•	
parathyroid	cyst	0 (0)	<20> 0 0 0 (0) (0) (0)	<pre></pre>	<15> 1 0 0 0 (7) (0) (0) (0)	0 0 0 0 (0) (0) (0) (0)
drenal	spindle-cell hyperplasia	2 (10)	<20> 0 0 0 (0) (0) (0)	<19> 0 0 0 0 (0) (0) (0) (0)	<15> 2 0 0 0 (13) (0) (0) (0)	1 0 0 0 (9) (0) (0) (0)
	hyperplasia:cortical cell	1 (5)	0 0 0 0 (0) (0)	0 0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (9) (0) (0)
Reproductive	system)					
estis	mineralization	0 (0)	<20> 0 0 0 (0) (0) (0)	(19) 1 0 0 0 (5) (0) (0) (0)	<15> 1 0 0 0 (7) (0) (0) (0)	0 0 0 0 (0) (0) (0) (0)
epididymis	spermatogenic granuloma	0 (0)	<20> 0 0 0 (0) (0) (0)	(19) 0 0 0 0 (0) (0) (0) (0)	<15> 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 (9) (0) (0) (0)
semin ves	hemorrhage	1 (5)	<20> 0 0 0 (0) (0) (0)	<19> 0 0 0 0 (0) (0) (0) (0)	<15> 0 0 0 0 0 0 0 0 0 0 0	<11> 0 0 0 0 0 0 0 0 0 0 0 0
Grade (a) b (c)	1: Slight 2: Moderate 3 a: Number of animals examined at the si b: Number of animals with lesion c: b / a * 100 lifference; *: P ≤ 0.05 **: P ≤					

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE : A1

: MALE

Organ	Findings	Group Name No. of Animals on Study Grade <u>1</u> (%)	Control 20 2 3 4 0 (%) (%) (%)	100 ppm 19 1 2 3 4 (%) (%) (%) (%)	200 ppm 15 1 2 3 4 (%) (%) (%) (%)	400 ppm 11 1 2 3 4 (%) (%) (%) (%)
						
{Reproductive	system)					
prostate	inflammatory infiltration	. 0	<20> 0 0 0 0 0 0 0 0 0	<19> 1 0 0 0 (5) (0) (0) (0)	<15> 1 0 0 0 (7) (0) (0) (0)	<11>> 0 0 0 0 0 0 0 0 0 0 0 0
prep/cli gl	cyst	1 (5)	<20> 0 0 0 0 (0) (0) (0)	<19> 0 0 0 0 (0) (0) (0) (0)	<15> 0 0 0 0 (0) (0) (0) (0)	1 0 0 0 (9) (0) (0) (0)
{Nervous syst	em)					
orain	hemorrhage	0 (0)	<20> 0 0 0 0 (0) (0) (0)	0 0 0 0 (0) (0) (0) (0)	1 0 0 0 (7) (0) (0) (0)	<11> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	mineralization	6 (30)	0 0 0 0	3 0 0 0 (16) (0) (0) (0)	5 0 0 0 (33) (0) (0) (0)	4 0 0 0 (36) (0) (0) (0)
{Special sens	e organs/appendage}					
өуө	keratitis	. 0	<20> 1 0 0 0 (5) (0) (0)	<19> 0 1 0 0 (0) (5) (0) (0)	<15> 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
Grade <a>> b (c) Significant d	1: Slight 2: Moderate a: Number of animals examined at th b: Number of animals with lesion c: b / a * 100 lifference; *: P ≤ 0.05 **:	3: Marked $4: Sever$ set $a : Sever$ $b : Seve$ $b : Sever$ b				

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

DEAD AND MORIBUND ANIMALS (0-105W)

ANIMAL REPORT TYPE : A1

: MALE

		Group Name No. of Animals	on Study	2	Contr 0	rol			19	100 р	pm	*		20 15	(q 00	pm			1	400 j	mqq
rgan	Findings	Grade		<u>2</u> (%)	(%)	(%)		<u>1</u> (%)	2 (%)	(%)	(%)	(%)	<u>2</u> (%		3 (%)	(%)		(%)	(%)	(%)	(9
Musculoskele	tal system)																				
uscle				<2	0>				<19	>				<15>					<:	11>	
	mineralization		(0)	(0)	0 (0)	(0)	(1 5) (0 (0 0)	0 (0)	(0)	0		0	0 (0)	, (0 (0	(0)	(0)	((
a > b c)	1: Slight 2: Moderate a: Number of animals examined at the b: Number of animals with lesion c: b / a * 100 ifference; *: P ≤ 0.05 **: F		4 : Severe	•													•				

TABLE L3

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : MALE

SACRIFICED ANIMALS

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

ANIMAL REPORT TYPE : A1 SEX : MALE

PAGE: 1

		Group Name No. of Animals on Study	30	Contro	ol .			100 31	ppm			34	200 թյ	pm			39	400 p	ppm
Organ		Grade 1 (%)	2 (%)	3 (%)	(%)	<u>1</u> (%)	(%	3) (%)	<u>1</u> (%))	2 (%)	3 (%)	<u>4</u> (%)	<u>(</u> '	<u>1</u> %)	2 (%)	3 (%)	(%)
[Integumentar	y system/appandage)																		
skin/app	ulcer	0 (0)	(0) (0· (30)	0	0 (0)	1 (3)	0	<31> 0) (0	0 (0)	1 (3)) (<34 0 0) (0 0)	0 (0)		0 0) ((39 0 0)	0	0 (0)
	squamous cell hyperplasia	.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)
Respiratory	system)														,				
nasal cavit	exudate	0 (0)	(30) 0 (0) (0	0	4 (13)	0		0 (0)	8 (24	;	<34 24 71) (> 0 0)	0 ** (0)			<3: 20 51)	0	(0)
	mineralization	6 (20)	0 (~0) (0	0 (0)	1 (3)	0	0) (0	0 (0)	3 (9) (0	0	0 (0)	(1 3) (0 0)	0 (0)	0 ×
	inflammation	0 (0)	0 (0) (. 0 (0)	0 (0)	(0	0 (0	0 (0)	1 (3) (0 (0	0 0)	0 (0)		0 0) (0 0)	0 (0)	0 (0)
	eosinophilic change:olfactory epitheli	um 13 (43)	2 (7) (0 0)	0 (0)	18 (58)	(0	0) (0	0) (0)	7 (21) (1 3) (0 0)	0 (0)	2 (5		0 0)	0 (0)	0 (0)
	eosinophilic change:respiratory epithe		0 (0) (0 0)	0	12 (39)	0		0 (0)	29 (85		2 6) (0 0)	0 ** (0)		4 37) (1 3)	0 (0)	0 × (0)

Grade

1 : Slight

2 : Moderate

3 : Marked

4 : Severe

(a)

a: Number of animals examined at the site

b

b: Number of animals with lesion

(c)

c:b/a * 100

: MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

ANIMAL REPORT TYPE : A1 SEX : MALE

PAGE: 2

		up Name of Animals on Study	Contr 30	ol		31	100 р	pm		34	200 p	pm		,	400 r 39	mqc
0rgan	Gra Findings		2 3 (%) (%)	(%)	(%)	2 (%)	3 (%)	<u>4</u> (%)	<u>1</u> (%)	2 (%)	3 (%)	<u>4</u> (%)	(%)	2	3	(%)
{Respiratory :	system}															
nasal cavit	inflammation:respiratory epithelium	(3)	<30> 0 0 (0) (0)	0 (0)	0 (0)	(3) (0)	0	0 (0)	3 (9) (<3 0 0)	4> 0 (0)	0 (0)	0 (0)	(; 0) (0)	39>	0 (0)
	respiratory metaplasia:olfactory epitheli		0 0	0 (0)	20 (65)	0 (0)	0 (0)	0 (0)	30 (88) (0 0)	0 (0)	0 * (0)	38 (97)	0 (0)	0 (0)	0 **
	respiratory metaplasia:gland	24 (80)	0 0 (0) (0)	0 (0)	25 (81)	1 (3)	0 (0)	0 (0)	27 (79) (2 6)	0 (0)	0 (0)	33 (85	6) (15)	0 (0)	0 ** (0)
	squamous cell metaplasia:respiratory epit	helium 1 (3)	0 0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	8 (24) (0	0 (0)	0 (0)	14 (36)	0 (0)	0 (0)	0 **
	ulcer:respiratory epithelium	0 (0)	0 0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3) (0 0)	0 (0)	0 (0)	(0)	0 (0)	0 (0)	0 (0)
	transitional cell hyperplasia	0 (0)	0 0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3) (0 0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)
	xanthogranuloma	0 (0)	0 0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3) (0	0 (0)	0 (0)	(0)	0 (0)	0 (0)	0 (0)
	atrophy:olfactory epithelium	0 (0)	0 0	0 (0)	2 (6)	0 (0)	0 (0)	0 (0)	15 (44) (18 53)	0 (0)	0 ** (0)	20 (51)	19) (49)	0 (0)	0 ** (0)

Grade

1 : Slight

2 : Moderate

4 : Severe

< a >

a: Number of animals examined at the site

b

b: Number of animals with lesion

(c)

c:b/a*100

: MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

REPORT TYPE: A1 SEX

: MALE

PAGE: 3

		Group Name	•	Contr	ol			100 r	mqo				00 ppm	1			•	400	ppm
Organ	Findings	No. of Animals on Study Grade 1 (%)	3 2 (%)	0 3 (%)	<u>4</u> (%)	<u>1</u> (%)	2 (%)	1 3 (%)	(%)	<u>1</u> (%)	1	34 2 (%)	3 (%)	<u>4</u> (%)	(L 6) 	2 (%)	9 3 (%)	<u>4</u> (%)
{Respiratory s	rystem)																		
nasopharynx	eosinophilic change	1 (3)	<3 0 (0)	0	0 (0)	0 (0)	0	1> 0 (0)	0 (0)	3 (9)	(<34> 0 0) (0 0) (0 0)	() () ()	0	9> 0 (0)	0 (0)
lung	inflammatory infiltration	0 (0)	<3 0 (0)	0	0 (0)	0 (0)	<3 0 (0)	1> 0 (0)	0 (0)	1 (3)) (<34> 0 0) (0 0) (0 0)	())) (1	9> 0 (0)	0 (0)
	lymphocytic infiltration	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)) (0 (0 (0 0))) (0 0)	0 (0)	0 (0)
	granulation	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)) (0 (0 (0) (0)	0 0)	(0)	0 (0)
	squamous cell metaplasia	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)) (1 3) (0 0) (0 0)	() ()	0 0)	0 (0)	0 (0)
	accumulation of foamy cells	1 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0	0 (0)	0 (0)	0 (0)) (0 (0 (0	(l 3) (0	(0)	0 (0)
	bronchiolar—alveolar cell hyperplas	sia 0 (0)	0 (0)	0 (0)	0 (0)	(3)	0 (0)	0 (0)	0 (0)	3 (9)) (1 3) (0 (0 0)	(1 3) (1 3)	0 (0)	0 (0)
{Hematopoietic	: system)																		
bone marrow	angiectasis	1 (3)		0> .0 (0)	0 (0)	0 (0)	0	0 (0)	0 (0)	0		<34> 0 0) (0 (0 0)		0 0) ((3 0 0)	9> 0 (0)	0 (0)

Grade 1 : Slight 2 : Moderate

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

b: Number of animals with lesion

(c) c:b/a * 100

^{3 :} Marked

^{4 :} Severe

STUDY NO. : 0676 ANIMAL

: MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1 SEX

: MALE

		oup Name	Control	100 ppm	200 ppm	400 ррш
	Gra	of Animals on Study ade 1	30 2 3 4	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
gan	Findings	(%)	(%) (%) (%)	(%) (%) (%)	(%) (%) (%)	(%) (%) (%) (%)
dematopoietic	c system}					
one marrow			<30>	<31>	⟨34⟩	<39>
	increased hematopoiesis	0	0 0 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,	
spleen			<30>	⟨31⟩	⟨34⟩	<39>
	deposit of melanin	0 · (0)	0 0 0 (0) (0)	1 0 0 0 0 (3) (0) (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (3) (0) (0) (0)
	extramedullary hematopoiesis	2	0 0 0	9 0 0 0	9 0 0 0	1 1 0 0
		(7)	(0) (0) (0)	(29) (0) (0) (0)	(26) (0) (0) (0)	(3)(3)(0)(0
	lymph-follicular hyperplasia	0	0 2 0	0 0 0 0	0 0 0 0	0 1 0 0
		(0)		(0)(0)(0)(0)	(0) (0) (0) (0)	(0) (3) (0) (0)
Circulatory :	system}	·				
ıeart			<30>	⟨31⟩	⟨34⟩	<39>
	mineralization	0	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) (0)	(3) (0) (0) (0)	(0)(0)(0)(0)
Digestive sy:	stem)		•			
ooth	3m - 1 - 1		<30>	⟨31⟩	<34>	<39>
	dysplasia	. 0	0 0 0 (0) (0)	(0)(0)(0)(0)	1 0 0 0 0 (3) (0) (0) (0)	0 0 0 0 0 (0) (0) (0)
Grade	-	Marked 4 : Severe				
(a.≻ b	a: Number of animals examined at the siteb: Number of animals with lesion				•	

ANIMAL

: MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

REPORT TYPE : A1

: MALE

PAGE: 5

Organ	Findings	Group Name No. of Animals on Study Grade(%	l	30 <u>2</u> (%)	3 (%)		<u>4</u> %)		<u>1</u> (%)		3: 2 (%)	100 l 3 (%		4 (%)		<u>1</u> (%)		3· 2 (%))	1 (%)		<u>1</u> (%))	2 (%)	39	100 1 3 (%)		<u>4</u> (%)
{Digestive sys	tem)																											•	
tongue	arteritis	1 (3	l 3) (<30 0 0) (0		0 0)	(0 0)	(<3: 0 0)	l> 0 (0) (0 0)	(0 0)	(<3 0 0)	4> ())) (0 0)	(0		0		0 0 0)		0 0)
salivary gl	lymphocytic infiltration	1 (3	L 3) (<30 0 0) (0		0 0)	(0 0)		<3: 0 0)	l> 0 (0) (0	(0 0)	(<3- 0 0)	. (0 0)	(0		0		0 0 0)		0 0)
	xanthogranuloma ·	. 0) ()	0	0 (0)	(0 0)	(0 0)	(0 0)	0) (0 0)	(0	(0 0)	(())) (0 0)	(1 3) (1 3)) (0 0)	(0 0)
stomach	ulcer:forestomach	0 (0))) (<30 0 0) (0		0 0)	(0 0)	(<3: 1 3)) (0	(1 3)	(<3 0 0)			0 0)	. (0		0 (0)		0	(0
	hyperplasia:forestomach	0 (0) (0 (0)	0	(0 0)	(0 0)	(0 0)	0) (0 0)	(0 0)	(0 0)	(())) (0 0)	(2 5)) (0) (0 0)	(0 0)
	erosion:glandular stomach	6 (20	6 0) (0 0) (0 (0)		0 0)	(6 19)	(1 3)	0) (0 0)	(5 15)	(0	(())) (0 0)	(6 15)		2 (5)		0 0)		0 0)
	ulcer:glandular stomach	0) ()	0	0 (0)		0 0)	(1	(0 0)	0) (0 0)	(2 6)	(0 0)	(())) (0 0)	(0		0		0 0)		0 0)

< a >

a : Number of animals examined at the site

b: Number of animals with lesion

(c)

c:b/a * 100

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

REPORT TYPE : A1 SEX

: MALE

		Group Name	Control	100 ppm	200 ppm	400 ppm 39
Organ	Findings	No. of Animals on Study Grade 1 (%)	30 2 3 4 (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	34 1 2 3 4 (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
{Digestive s	ystem)					
stomach	hyperplasia:glandular stomach	3 (10) (<30> 0 0 0 (0) (0) (0)	31> 10 0 0 0 (32) (0) (0) (0)	34> 5 1 0 0 (15) (3) (0) (0)	<pre></pre>
liver	angiectasis	0 (0) (<30> 0 0 0 (0) (0) (0)	<31> 0 0 0 0 0 0 0 0 0 0 0 0	34> 1 0 0 0 (3) (0) (0) (0)	<39> 0 0 0 0 0 0 0 0 0 0 0
	necrosis:focal	1 (3) (0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
	collapse	1 (3) (0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
	inflammatory infiltration	0 (0) (0 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)
	granulation	0 (0) (0 0 0 0 (0) (0)	0 0 1 0 (0) (3) (0)	0 0 0 0 0 (0) (0) (0)	0 1 0 0 (0) (0)
	inflammatory cell nest	1 (3) (1 0 0 (3) (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0
	extramedullary hematopoiesis	1 (3) (0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0) (0)	1 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 \leq 0.05 ** : P \leq 0.01 Test of Chi Square

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

ANIMAL REPORT TYPE : A1 SEX : MALE

PAGE: 7

		Group Name No. of Animals on Study Grade 1	Control 30	100 ppm 31	200 ppm 34	400 ppm 39 1 2 3 4
Organ	Findings	(%)	2 3 4 (%) (%) (%)	1 2 3 4 (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
Digestive sy	stem)					
iver	clear cell focus	1 (3)	<30> 0 0 0 0 (0) (0) (0)	<31> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	<34> 0 2 0 0 (0) (6) (0) (0)	39> 0 0 0 0 (0) (0) (0) (0)
	acidophilic cell focus	2 (7)	0 0 0 0	2 1 0 0 (6) (3) (0) (0)	3 1 0 0 (9) (3) (0) (0)	5 0 0 0 (13) (0) (0) (0)
٠	basophilic cell focus	0 (0)	0 0 0 0	2 0 0 0 0 (6) (6) (0) (0)	1 0 0 0 (3) (0) (0) (0)	2 0 1 0 (5) (0) (3) (0)
	hyperplasia:Ito-cell	0 (0)	1 0 0	0 0 0 0 0	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
all bladd	cyst	0 (0)	<30> 0 0 0 0 (0) (0) (0)	31> 0 0 0 0 (0) (0) (0) (0)	34> 1 0 0 0 (3) (0) (0) (0)	<39> 0 0 0 0 0 0 0 0 0 0
ancreas	islet cell hyperplasia	1 (3)	<30> 0 0 0 0 (0) (0) (0)	<31> 0 0 0 0 0 0 0 0 0 0 0 0	34> 0 0 0 0 (0) (0) (0) (0)	39> 0 0 0 0 (0) (0) (0) (0)
	xanthogranuloma	0 (0)	0 0 0	0 0 0 0 0 (0) (0)	1 0 0 0 0 (3) (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 b (c)

c:b/a*100

ANIMAL

SEX

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

REPORT TYPE : A1

: MALE

PAGE: 8

Organ	Group Name No. of Anim Grade Findings	Control 30 1 2 3 4 (%) (%) (%) (%)	100 ppm 31 1 2 3 4 (%) (%) (%) (%)	200 ppm 34 1 2 3 4 (%) (%) (%) (%)	400 ppm 39 1 2 3 4 (%) (%) (%) (%)
OI gail	r mungo				(6) (6) (7)
{Urinary sys	tem}				
kidney	cyst	(30) 0 1 0 0 (0) (3) (0) (0)	<pre></pre>	0 0 0 0 (0) (0) (0) (0)	39> 0 0 0 0 (0) (0) (0) (0)
	basophilic change	1 0 0 0 0 (3) (0) (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 (3) (3) (0) (0)	0 0 0 0 0 (0) (0)
	inflammatory polyp	0 2 0 0 (0) (7) (0) (0)	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
	hydronephrosis	1 0 1 0 (3) (0)	0 1 0 0 (0) (0) (0)	0 1 0 0 (0) (3) (0) (0)	0 0 0 0 0 (0) (0)
	dilated pelvis	0 0 0 0 0 (0) (0)	1 0 0 0 0 (3) (0) (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
urin bladd	dilatation	<30> 0 0 1 0 0 0 0 0) 0 0 0 0) 0 0 0 0 0 0 0 0 0 0	31> 0 0 0 0 (0) (0) (0) (0)	(34) 0 0 0 0 (0) (0) (0) (0)	<pre></pre>
,	nodular hyperplasia:transitional epithelium	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (3) (0) (0) (0)
{Endocrine s	ystem)				
pituitary	angiectasis	(0) (0) (0) (0)	<pre></pre>	(34) 1 0 0 0 (3) (0) (0) (0)	39> 0 0 0 0 (0) (0) (0) (0)

Grade 1 : Slight < a >

2 : Moderate

3 : Marked

a: Number of animals examined at the site

b: Number of animals with lesion b

(c) c:b/a * 100

^{4 :} Severe

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1

: MALE

PAGE: 9

		Group Name Control No. of Animals on Study 30	100 ppm 31	200 ppm 34	400 ppm 39
rgan	Findings	Grade 1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
(Endocrine sy	stem)				
pituitary	cyst	(30) 1 0 0 0 (3) (0) (0) (0)	31> 1 0 0 0 (3) (0) (0) (0)	34> 1 0 0 0 (3) (0) (0) (0)	<39> 2 0 0 0 (5) (0) (0) (0)
	hyperplasia	0 0 0 0 0 (0) (0)	1 0 1 0	0 0 0 0 0 (0) (0) (0)	0 0 0 0 0
	Rathke pouch	0 0 0 0 0 (0) (0)	1 1 0 0 (3) (3) (0) (0)	0 0 0 0 0 (0)	2 0 0 0 0 (5) (0) (0) (0)
parathyroid	cyst	(30) 0 0 0 0 (0) (0) (0) (0)	31> 1 0 0 0 (3) (0) (0) (0)	(34) 0 0 0 0 (0) (0) (0) (0)	<39> 0 0 0 0 0 0 0 0 0 0 0
adrenal	spindle-cell hyperplasia	30> 9 0 0 0 (30) (0) (0) (0)	31> 8 0 0 0 (26) (0) (0) (0)	<34> 6 0 0 0 (18) (0) (0) (0)	<39> 11 0 0 0 (28) (0) (0) (0
	hyperplasia:cortical cell	8 0 0 0 (27) (0) (0) (0)	11 1 0 0 (35) (35) (0) (0)	8 1 0 0 (24) (3) (0) (0)	4 2 0 0 (10) (5) (0) (0)
{Reproductive	system)				
testis	mineralization	30 0 0 0 (10) (0) (0) (0)	31> 1 0 0 0 (3) (0) (0) (0)	34> 0 0 0 0 (0) (0) (0) (0)	<pre></pre>

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

REPORT TYPE : A1

: MALE

		Group Name No. of Animals on Study	Control 30	100 ppm 31	200 ррт 34	400 ppm 39
rgan	Findings	Grade 1 (%)	2 3 4 (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
Reproductive	system)					
estis	interstitial cell hyperplasia	0 (0)	<30> 1 0 0 (3) (0) (. 0)	(31> 0 1 0 0 (0) (3) (0) (0)	<pre></pre>	39> 1 0 0 0 (3) (0) (0) (0)
	spermatogenic granuloma	0 (0)	0 0 0 (· 0) (· 0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (3) (0) (0) (0)	0 0 0 0 0 (0) (0)
pididymis	spermatogenic granuloma	0 (0)	<30> 0 0 0 (0) (0) (0)	2 0 0 0 (6) (0) (0) (0)	34> 1 0 0 0 (3) (0) (0) (0)	39> 0 1 0 0 (0) (3) (0) (0)
rep/cli gl	cyst	0 (0)	<30> 0 0 0 (0) (0) (0)	31> 0 0 0 0 (0) (0) (0) (0)	34> 1 0 0 0 (3) (0) (0) (0)	39> 0 0 0 0 (0) (0) (0) (0)
Nervous syste	em)					
rain	mineralization	12 (40)	<30> 0 0 0 (0) (0) (0)	\(\lambda 31 \rangle \) \(14 0 0 0 \\ (45) (0) (0) (0) (0) \)	(34) 16 0 0 0 (47) (0) (0) (0)	(39) 14 0 0 0 (36) (0) (0) (0)
Special sense	e organs/appendage)					
э уө	phthisis bulbi	0 (0)	<30> 0 0 0 (0) (0) (0)	<pre></pre>	34> 0 0 0 0 (0) (0) (0) (0)	39> 0 0 0 0 (0) (0) (0) (0)

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

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1 SEX

: MALE

Organ	Findings	Group Name No. of Animals on Study Grade 1 (%)	Control 30 2 3 4 (%) (%) (%)	100 ppm 31 1 2 3 4 (%) (%) (%) (%)	200 ppm 34 1 2 3 4 (%) (%) (%) (%)	400 ppm 39 1 2 3 4 (%) (%) (%) (%)
{Special sens	se organs/appendage}				·	
Harder gl	hyperplasia	0 (0)	<30> 0 0 0 (0) (0) (0)	(31) 0 0 0 0 (0) (0) (0) (0)	1 0 0 0 (3) (0) (0) (0)	(39) 0 0 0 0 (0) (0) (0) (0)
{Musculoskele	etal system)					
bone	ostitis fibrosa	(3)	<30> 0 0 0 (0) (0) (0)	(31) 0 0 0 0 (0) (0) (0) (0)	<pre></pre>	(0) (0) (0) (0)
{Body cavitie	es)					
peritoneum	cyst	0 (0)	<30> 0 0 0 (0) (0) (0)	31> 1 0 0 0 (3) (0) (0) (0)	34> 0 0 0 0 (0) (0) (0) (0)	0 0 0 0 0 (0) (0)
Grade <a> b (c)	a: Number of animals examined at theb: Number of animals with lesionc: b / a * 100					
Significant (difference; *: P ≤ 0.05 **: P	≤ 0.01 Test of Chi Squar	re			- DA

(HPT150)

BAIS4

TABLE L4

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : FEMALE

ALL ANIMALS

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

REPORT TYPE : A1 SEX

ANIMAL.

: FEMALE

ALL ANIMALS (0-105W)

		Group Name No. of Animals on Study Grade 1	50	ntrol	1.	49	100 ppi 3		1	5	200 pg 0		1	50	400 pr) 3	рш 4_
)rgan	Findings	(%)	(%) (9		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory	system)															
nasal cavit	exudate	1 (2)	<50> 0 ((0) (0	0 0	6 (12)	<49) 7 (14) (2	0 ** 0)	7 (14)	<5 15 (30)	25	0 **	15 (30)	<50 23 (46)	10	0 ** (0)
	mineralization	0 (0)	0 (0 0	4 (8)	0 (0) (0 0) (0 0)	2 (4)	0 (0)	0 (0)	0 (0)	2 (4)	0	0 (0)	0 (0)
	inflammation	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)
	eosinophilic change olfactory epithel	ium 27 (54)	0 (0 0	20 (41)	0 (0) (0 0) (0 0)	22 (44)	1 (2)	0 (0)	0 (0)	45 (90)	1 (2)	0 (0)	0 * (0)
	eosinophilic change:respiratory epith	elium 41 (82)	4 (0 0 .	19 (39)	1 (2) (0 (0 ** 0)	34 (68)	1 (2)	0 (0)	0 *	41 (82)	3 (6)	1 (2)	0 (0)
	inflammation:respiratory epithelium	0 (0)	0 (0 0 0) (0)	0 (0)	0 (0) (0 (0 0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (2)	1 (2)	0	0 (0)
	respiratory metaplasia:olfactory epit		0 (0 0 0) (0)	23 (47)	0 (0 (0 0)	27 (54)	1 (2)	0 (0)	0 * (0)	36 (72)	10 (20)	0	0 * (0)
	respiratory metaplasia:gland	34 (68)	0 (0 0 0) (0)	30 (61)	0 (0) (0	0 0)	40 (80)	0 (0)	0 (0)	0 (0)	47 (94)	0 (0)	0	0 * (0)

(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

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

ANIMAL REPORT TYPE : A1

SEX

: FEMALE

		Group Name No. of Animals on Study	Control 50	100 ppm 49	200 ppm 50	400 ppm 50
Organ	Findings	Grade 1 (%)	2 3 4 (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1 2 3 4 (%) (%) (%) (%)
Respiratory :	system)					•
asal cavit	squamous cell metaplasia:respiratory (<50> 0 0 0 (0) (0) (0) .	3 0 0 0 (6) (0) (0) (0)	<50> 19 1 0 0 ** (38) (2) (0) (0)	<50> 22 8 1 0 *** (44) (16) (2) (0)
	ulcer:respiratory epithelium	1 (2)	0 0 0 0 (0) (0)	0 0 1 0 (0) (2) (0)	0 0 0 0 0 (0)	1 0 3 0 (2) (0) (6) (0)
	atrophy:olfactory epithelium	0 (0)	0 0 0 0 (0) (0)	6 5 1 0 *** (12) (10) (2) (0)	10 16 22 0 ** (20) (32) (44) (0)	7 33 7 0 *** (14) (66) (14) (0)
	necrosis:olfactory epithelium	(0)	0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	5 0 0 0 0 (10) (10) (10)	2 1 0 0 (4) (2) (0) (0)
	necrosis:respiratory epithelium	(0)	0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	7 1 0 0 * (14) (2) (0) (0)	5 0 0 0 (10) (0) (0) (0)
asopharynx	eosinophilic change	4 (8)	<50> 0 0 0 (0) (0) (0)	2 0 0 0 (4) (0) (0) (0)	4 0 0 0 (8) (0) (0) (0)	(50) 1 1 0 0 (2) (2) (0) (0)
larynx	inflammatory infiltration	0 (0)	<50> 0 0 0 (0) (0) (0)	<49> 1 0 0 0 (2) (0) (0) (0)	<pre></pre>	<50> 0 0 0 0 (0) (0) (0) (0)
rade (a) b (c)	1: Slight 2: Moderate 3 a: Number of animals examined at the s b: Number of animals with lesion c: b / a * 100 ifference; *: P ≤ 0.05 **: P ≤					

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1 : FEMALE SEX

ANIMAL

		Group Name					ontr	ol							00 p	pm						200 1	pm						q 00l	pm	
rgan	Findings	No. of Animals on Grade	_	1 %)	<u>2</u> (%)	50	3 (%)	<u>4</u> (%			_ <u>1</u> (%)	2 (%)	49	<u>3</u> (%)	<u>4</u> (%)			<u>1</u> (%)	(9	50 <u>2</u> %)	3 (%)	<u>4</u> (%			<u>1</u> (%)	(%)	50	3 (%)		<u>4</u> %)
Respiratory	· system}	·																													
trachea	eosinophilic change			1 2) (0		0	(((() (0 0)	(49 (0 0)	0		(0 0)	(<50 0 0) () 0 0)	0		(0 0)	0		0 0)		0 0)
Lung .	inflammatory infiltration			2 4) (0 (0)		0	(((8		0		0	0)	(1 2)		<50 0 0) (0	0 (0		(0 0)	0		0 0)		0 0)
	lymphocytic infiltration		(2 4) (0 (0)	(0 0)	(()))	٠	1) (0 0)	(0 0)	0)	(0 0)	(0 0) (0 ()	(0)))	(4 8)	0)) (0 0)	(0 0)
	accumulation of foamy cells			1 2) (0 (0)	(0 0)	(((() (0 0)	(0	0)	(0 0)	(0 0) (0 0)	(0)))	. (.	0 0)	0)) (0 0)		0 0)
	bronchiolar-alveolar cell hyperplasi	a	(0 0) (0 (0)	(0 0)	(()))		1 2) (1 2)	(0 0)	0)	(0 0)	(0 0) (0 0)	0))))	(0 0)	1 (2) (0 0)	(0 0)
Hematopoiet	cic system)														,																
oone marrow	increased hematopoiesis			0 0) (0 (0)		0	((1		0	(49>	0 0)	0)	(1 2)		<50 0 0) (0	(()))	(1 2)	0		0 0)		0 0)
Grade <a>> b (c) Significant	a: Number of animals examined at theb: Number of animals with lesionc: b / a * 100		: Sev																												

ANIMAL

: MOUSE B6D2F1/Crlj[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0-105W)

	Group Name No. of Animals on Study Grade	50			1		1 49 2	00 pp			1	5					1	2	50	0 ppr	m 4
Findings	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(K)	(%)	(%)	(%)	·	(9 	6)	(%)			(%)
ystem)																					
granulopoiesis:increased	1 (2)	0	0	0 (0)	1 (2)	(0 (0)	(0 0) (0	0	0 (0)				0			0 0)
deposit of melanin	. 0 (0)	0	0	0 (0)	0 (0)	(0	0	0 (0)			0	0	0 (0)				0			0
extramedullary hematopoiesis	3 (6)	8 (16)	0 (0)	0 (0)	6 (12)	(2 4) (0)	0 (0)	(4 8) (3 6)	0 (0)	0 (0)				1 (2)	(0 0) (0 ÷
lymph-follicular hyperplasia	. 0	0 (0)	0 (0)	0 (0)	0 (0)	.(0 0) (0	0 (0)	(0 0) (0 0)	0 (0)	0 (0)		(4	2 4) (0 (0)	(0 0) (0 0)
tem)																					
mineralization	0 (0)	0	0	0 (0)	1 (2)		0	0	0 (0)			0	0	0 (0)				0			0 ()
myocardial fibrosis	2 (4)	0 (0)			1 (2)	(0 0) (0 0	0	(3 6) (0 0)	0 (0)	0 (0)	ı	(-	2 4) (0 (0)			0 (0)
	Findings	Grade 1 (%)	Grade	Findings	Grade	Grade	Grade	Findings	Findings Grade 1 2 3 4 1 2 3 (%) (%) (%) (%) (%) (%) (%) (%) (%) (%)	Findings	Findings	Findings	Findings	Findings 6rade 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 2 3 3 4 1 2 3 3 4 1 2 3 3 4 1 2 3 3 4 (%) (%) (%) (%) (%) (%) (%) (%) (%) (%)	Findings	Findings	Findings	Findings 6rade 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 3 4 1 4 3 3 4 1 3 4 3 4 3 4 3 4 3	Grade	Findings	Findings 6rade 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 1 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE

ANIMAL

ALL ANIMALS (0-105W)

PAGE: 19

		Group Name No. of Animals on Stud	1	50	Contr	ol.			10 49	0 ppr	m			50	200 r	pm			r	400 50) ppn	n
Organ	Findings	Grade	1y _1 (%)	2 (%)	3 (%)	(%)	<u>1</u> (%)	<u>2</u> (%)		<u>3</u> %)	<u>4</u> (%)	(<u>1</u> %)	2 (%)	, 3 (%)	(%)		<u>1</u> (%)	<u>2</u> (%)	30 (%	6)	<u>4</u> (%)
								÷														
{Circulatory s	system}																					
heart	arthritis	(0	<50 0 0) (0	0 (0)	0 (0)	0	<49> (0 0) (0 0)	(0 0) (<50 1 2)	0	0 (0)	(0	0	50> (0 0)
{Digestive sys	stem)	·																•				
salivary gl	lymphocytic infiltration	(1 2) (<50 0 0 (0	0 (0)	1 (2)	0 (0)	<49> (0 0) (0 0)	(0 0) (<50 0 0))> 0 (0)	0 (0)	. (1 2)	(0) (0)	50> ())) (0
stomach	hyperplasia:forestomach	(0	<50 0 (0) (0	0 (0)	0 (0)	0 (0)	<49>	0 0) (0 0)	(0 0) ((50 0 0	0 (0)	0 (0)	(1 2)	0 (0)	50> ())) (0
	erosion:glandular stomach	(· 5 10) (1 2)	0 (0)	0 (0)	6 (12)	0 (0)) (0 0) (0 0)	(4 8) (3 6)	0	0 (0)	(3 6)	1 (2)	(())) (0
	ulcer:glandular stomach	(0 (0 (1 (2)	0 (0)	0 (0)	1 (2)) (0 0) (0 0)	(0 0) (0 0)	0	0 (0)	(0	1 (2)	(4	ા ટ) (0
	hyperplasia:glandular stomach	(**	3 6) (0 (0	0 (0)	2 (4)	0		0 0) (0 0)	(4 8) (0 0)	0	0 (0)	(5 10) (0 (0)	(() (0)	0

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

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

b: Number of animals with lesion b

(c) c:b/a*100

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

ANIMAL

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 : FEMALE SEX

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

PAGE: 20

Organ	Findings	Group Name No. of Animals on Study Grade (%)	<u>2</u> (%)	50 3	itro 3 6)	1 (%)	-	<u>1</u> (%)	2 (%)	49	00 p 3 (%)	pm 4 (%)		7	<u>1</u> %)	2 (%)	200 0 3 (%) ppr	4 (%)		<u>(%)</u>		50 2 %)	400) 3 (%)		4 (%)
{Digestive s	system}																									
iver	angiectasis	1 (2)	1			0 0)	(2 4)	0	(49> _(_	0 0)	0 (0)		(4 8) (<5 0 0)	0> (0))) (0 0)	. (0 0)		<50 0 0) (0) (0 0)
	thrombus	(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	1 (2)	1 (2)	((0	(1 2)	0 (0)		0 0)	(0)			0 0) (0 0)	((0 0)	(3 6)		0 0) (0 (0)) (0 0)
	cyst	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)
a ^r	inflammatory infiltration	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)
	lymphocytic infiltration	0 (0)	0 (0)		0 0) (0 (0)	(1 2)	0 (0)) (0 0)	(0)	,	(0 0) (0 0)	(())) (0 0)	(1 2)		0 0) (0 (0)		0 0)
	inflammatory cell nest	i (2)	0 (0)			0 (0)	(1 2)	0 (0)) (0 0)	(0)	ı	(0 0) (0,0)	(())) (0 0)	٠ (0 0)		0 0) (0 (0)		0 0)
	extramedullary hematopoiesis	4 (8)	0 (0)	((0	(2 4)	0 (0)		0	0 (0)	,		0 0) (0	((0	(1 2)	(0 0) (0 (0)) (0

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

(c)

c:b/a * 100

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

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1

ANIMAL

SEX : FEMALE

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

PAGE: 21 100 ppm 200 ppm 400 ppm Group Name Control No. of Animals on Study 50 49 50 50 Grade (%) (%) (%) (%) Findings_ Organ_ (Digestive system) <50> <49> <50> <50> liver clear cell focus ' 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (4)(0)(0)(0) (0)(2)(0)(0) acidophilic cell focus 0) (2) (0) (6)(0)(0)(0) (2)(4)(0)(0) (2)(4)(2)(0) bile duct hyperplasia (6)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (Urinary system) kidney <50> 0 0 . 0 0 cyst (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) hyaline droplet (26) (2) (0) (0) (12) (0) (0) (0) (24) (0) (0) (0) (16) (0) (0) (0) lymphocytic infiltration (2)(0)(0)(0) (4)(0)(0)(0) (2)(0)(0)(0) (4)(0)(0)(0) inflammatory polyp (0)(0)(0)(0) (0)(2)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0)

1 : Slight Grade

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; $*: P \le 0.05$ **: $P \le 0.01$ Test of Chi Square

b

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1

kidney

urin bladd

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

100 ppm Group Name Control 200 ppm 400 ppm No. of Animals on Study 50 50 Grade (%) (%) (%) Findings_ (Urinary system) <50> <49> 0 hydronephrosis (0)(4)(2)(0) (0)(4)(2)(0) (2)(4)(0)(0) (0)(4)(0)(0) glomerulosclerosis (0)(0)(2)(0) (0) (0) (0) (0) (0)(0)(0)(0) (0)(0)(0)(0) <49> <50> <50> 0 dilatation (0)(0)(0)(0) (0)(0)(0)(0)(0)(0)(2)(0) (0)(0)(0)(0) lymphocytic infiltration 0 0 0 (2)(0)(0)(0) (4)(0)(0)(0) (2) (0) (0) (0) (2)(0)(0)(0) {Endocrine system} <48> <50> ⟨50⟩ angiectasis 0 (4)(0)(0)(0) (0)(2)(0)(0) (2)(2)(0)(0) (8) (0) (0) (0) hyperplasia 7 5 0 0 1 0 0 (14) (10) (0) (0) (13) (2) (0) (0) (4)(4)(0)(0) (0)(4)(0)(0)

Grade

pituitary

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:b/a*100

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

(HPT150)

BAIS4

: MOUSE B6D2F1/Crlj[Crj:BDF1]

ANIMAL 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 50 Grade 1 2 (%) (%)	Control) 3 4 (%) (%)	100 ppm 49 1 2 3 4 (%) (%) (%) (%)	200 ppm 50 1 2 3 4 (%) (%) (%) (%)	400 ppm 50 1 2 3 4 (%) (%) (%) (%)
(Endocrine sy	ystem)	•				
pituitary	Rathke pouch	6 0 (12) (0)	0 0 (0) (0)	48> 1 0 0 0 (2) (0) (0) (0)	(50) 1 0 0 0 (2) (0) (0) (0)	2 0 0 0 (4) (0) (0) (0)
thyroid	cyst	<56 0 0 (0) (0)	0 0 0 0 (0) (0)	<49> 0 0 0 0 0 0 0 0 0 0 0	<50> . 0 0 0 0 . (0) (0) (0) (0)	<50> 1 0 0 0 (2) (0) (0) (0)
	granulation	0 0	0 0	0 0 0 0 0 (0) (0)	1 0 0 0 0 (2) (0) (0)	0 0 0 0 0 (0) (0)
	ultimobranchial body remanet	0 0	0 0	0 0 0 0 0 (0) (0) (0)	1 0 0 0 0 (2) (0) (0)	0 0 0 0 0 (0) (0)
adrenal	spindle-cell hyperplasia	<56 16 27 (32) (54)	6 0	(49) 16 21 9 0 (33) (43) (18) (0)	<50> 16 31 3 0 (32) (62) (6) (0)	(50) 19 22 5 0 (38) (44) (10) (0)
	hyperplasia:cortical cell	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
	focal fatty change:cortex	0 0 (0) (0)	0 0	0 1 0 0 (0) (2) (0) (0)	0 3 0 0 (0) (6) (0) (0)	0 0 2 0 (0) (0) (4) (0)

Grade

1 : Slight

2 : Moderate

3 : Marked

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

b: Number of animals with lesion b

(c) c:b/a*100

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

4 : Severe

SEX

: MOUSE B6D2F1/Cr1j[Crj:BDF1] ANIMAL

REPORT TYPE : A1 : FEMALE HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0-105W)

		Group Name No. of Animals on Study Grade	50	ntrol 3 4	100 ppm 49 1 2 3 4	200 ppm 50 1 2 3 4	400 ppm 50 1 2 3 4
rgan	Findings			(%)	(%) (%) (%)	(%) (%) (%)	(%) (%) (%) (%)
eproduct	tive system)						
ary	thrombus		<50> 0 0 0) (0) (0 0 0) (0)	0 1 1 0 (0) (2) (2) (0)	<50> 0 0 1 0 (0) (0) (2) (0)	<50> 0 0 0 0 (0) (0) (0) (0)
	cyst		9 1 8) (2) (0 0 0) (0)	8 0 0 0 (16) (0) (0) (0)	7 2 0 0 (14) (4) (0) (0)	15 1 0 0 (30) (2) (0) (0)
	hyperplasia		0 1 0) (2) (0 0	1 1 0 0 (2) (2) (0) (0)	0 0 0 0 0 (0) (0)	0 1 0 0 (0) (0)
erus	cystic endometrial hyperplasia		<50> 4 0 8) (0) (0 0 0 0) (0)	31 0 0 0 (63) (0) (0) (0)	<50> 27	<50> 34 0 0 0 (68) (0) (0) (0)
ervous :	system}						
ain	necrosis:focal		<50> 0 0 0) (0) (0 0 0 0) (0)	<pre></pre>	(50) 0 0 0 0 (0) (0) (0) (0)	<50> 0 0 0 0 (0) (0) (0) (0)
	mineralization		8 0 6) (0) (0 0 0 0) (0)	10 0 0 0 (20) (0) (0) (0)	9 0 0 0 0 (18) (0) (0) (0)	11 0 0 0 (22) (0) (0) (0)
rade a > b c) ignifica	1: Slight 2: Moderate a: Number of animals examined at th b: Number of animals with lesion c: b / a * 100 nt difference; *: P ≤ 0.05 **:						

: MOUSE B6D2F1/Crlj[Crj:BDF1]

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

ANIMAL REPORT TYPE: A1

SEX : FEMALE

100 ppm 200 ppm 400 ppm Group Name Control 50 50 No. of Animals on Study 50 Grade Findings_ {Special sense organs/appendage} **〈49〉** eye 0 0 0 keratitis 0 3 0 (6)(0)(0)(0) (0) (0) (0) (0) (0)(2)(0)(0) (0)(0)(0)(0) mineralization:cornea 0 0 (4)(0)(0)(0) (6)(0)(0)(0) (6)(0)(0)(0) (14) (0) (0) (0) <50> <49> Harder gl 0 0 0 0 0 0 hyperplasia (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(2)(0)(0) {Musculoskeletal system} <50> **<49>** <50> muscle mineralization (0)(0)(0)(0) (2)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) <50> **<49>** <50> <50> bone ostitis fibrosa 0 0 2 0 0 0 0 0 (0)(0)(0)(0) (4)(0)(0)(0) (0)(0)(0)(0) (6)(0)(0)(0) Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe

(a)

b

a: Number of animals examined at the site

c:b/a*100

b: Number of animals with lesion

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

(HPT150)

BAIS4

TABLE L5

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : FEMALE

DEAD AND MORIBUND ANIMALS

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

: MOUSE B6D2F1/Cr1j[Crj:BDF1] DEAD AND MORIBUND ANIMALS (0-105W)

REPORT TYPE: A1

ANIMAL

SEX : FEMALE

Organ	No	oup Name of Animals on Study rade 1 (%)	19 2 (%)	Contro 3 (%)	1 <u>4</u> (%)	1 (%)	2 (%)	100 r 2 3 (%)	4 (%)	1 (%)	(%)	24		<u>4</u> (%)	<u>1</u> (%)	<u>2</u> (%)	16 3	
{Respiratory	system)																	
nasal cavit	exudate	0 (0)	<19 0 (0) (0	0	3 (14)	<2 3 (14)	1	0 (0)	0 (0)	5			0 ** 0)	3 (19)	4		0 *
	mineralization	0 (0)	0 (0) (0 0) (0 0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	(0)) ()	0 0)	1 (6)	(0)	0 (0	0 (0)
	inflammation	0 (0)	0 (0) (0	0 0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)) (o) (0 0)	0 (0)	0 (0)		0 (0)
	eosinophilic change:olfactory epitheliu	n 11 (58)	0 (0) (0 0) (0 0)	7 (32)	0 (0)	0 (0)	0 (0)	10 (42)	0 (0)		0 0) (0	11 (69)		0 (0)	0 (0)
	eosinophilic change:respiratory epithel		1 (5) (0 0) (0 0)	8 (36)	0 (0)	0 (0)	0 *	16 (67)	0 (0)		0 0) (0 0)	11 (69)			0 (0)
	inflammation:respiratory epithelium	0 (0)	0 (0) (0 (0	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0) (0 0) (0 0)	0 (0)	1 (6)		0 (0)
	respiratory metaplasia olfactory epithe	1ium .7 (37)	0 (0) (0 (0	9 (41)	0 (0)	0 (0)	0 (0)	12 (50)	1 (4		0 0) (0 0)	8 (50)	4 (25)		0 *
	respiratory metaplasia:gland	11 (58)	0 (0) (0 (0 0)	14 (64)	0 (0)	0 (0)	0 (0)	16 (67)	0)		0 0) (0	13 (81)	0 (0)	0) (0 (0)

a : Number of animals examined at the site (a) b

b: Number of animals with lesion

c:b/a * 100

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

REPORT TYPE : A1 SEX : FEMALE

ANIMAL

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

	No	oup Name of Animals on Study	19		1		2	_	pm :			200 j 24	opm		1	400 p	фm
Organ	Findings	1 (%)	(%)	(%)	(%)	<u>1</u> (%)	(%)	(%)	<u>4</u> (%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	<u>4</u> (%)
Respiratory s	system)																
asal cavit	squamous cell metaplasia:respiratory epi	thelium 0	<19 0 (0) ()> 0 (0) (0 (0)	2 (9)	0	2> 0 (0)	0 (0)	10 (42)	1	24> 0 (0)	0 **	8 (50)	. 5	1 (6)	
	ulcer:respiratory epithelium	0 (0)	0 (0) (0 (0) (0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	(0)	0 (0)	0 (0)	0 (0)	1 (6)	0 (0)
	atrophy:olfactory epithelium	(0)	0 (0) (0 (0) (0 (0)	2 (9)	2 (9)	1 (5)	0 (0)	2 (8)	6 (25)	15 (63)	0 ** (0)	0 (0)	7 (44)	6 (38)	0 *
·	necrosis:olfactory epithelium	0 (0)	(0) (0 (0) (0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	4 (17)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	necrosis:respiratory epithelium	0 (0)	0 (0) (0 (0) (0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	5 (21)	(4)	- 0 (0)	0 (0)	3 (19)	0 (0)	0 (0)	0 (0)
asopharynx	eosinophilic change	0 (0)	<19 0 (0) (9> 0 (0) (0 (0)	1 (5)	<2 0 (0)	2> 0 (0)	0 (0)	2 (8)	0 (0)	24> 0 (0)	0 (0)	0 (0)	1	0 (0)	0 (0)
ung	inflammatory infiltration	1 (5)	<19 0 (0) (0	0 (0)	4 (18)	<2 0 (0)	2> 0 (0)	0 (0)	1 (4)	0	24> 0 (0)	0 (0)	0 (0)	0	16> 0 (0)	0 (0)
(a) b	1: Slight 2: Moderate 3: a: Number of animals examined at the site b: Number of animals with lesion c: b / a * 100	Marked 4 : Seven	е								•		-				

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

ANIMAL REPORT TYPE : A1 SEX

: FEMALE

		Group Name No. of Animals on Study Grade 1	19	ntrol 3		,		22	o ppm		4		24		,		,	•	16	ndd C	
)rgan	Findings	(%)			(%)	(%)	(%) (9	3 %)	(%)	(%))	(%)	(%)	(%)		(%)	(%)		3 %)	(%)
Respiratory s	system}																				
ung	bronchiolar-alveolar cell hyperplasia	0 (0)	<19> 0 (0) (0 0 0) (0 0)	0 (0)	1 (5	<22>	0 0) (0	(0)) (<24: 0 0) () 0 0)	0 (0)	. (0 0)		(16> ((0 0) (0 0)
Hematopoietic	c system)																				
oone marrow	increased hematopoiesis	0 (0)	<19> 0 (0) (0 0) (0 0)	1 (5)	0)	<22>	0 0) (0 0)	1 (4)) (<24 0 0) (> 0 0)	0 (0)	(0 0)	0	(16> (0 0) (0 0)
	granulopoiesis:increased	0 (0)	0 (0) (0 0) (0 0)	1 (5)	(- 0) (0 0) (0 0)	0 (0)) (0 0) (0 0)	0 (0)	(0 0)	0 (0)	(1	0 0) (0 0)
pleen	extramedullary hematopoiesis	2 (11)	<19> 6 (32) (0 0) (0 0)	2 (9)	2 (9	<22>	0 0) (0 0)	1 (4)) (<23 3 13) () 0 0)	0 (0)	(2 13)	0		0 0) (0 * 0)
Circulatory s	system)								٠												
eart	mineralization	0 (0)	<19> 0 (0) (0 0) (0 0)	1 (5)	0)	<22>	0 0) (0 0)	1 (4)) (<24 0 0) () 0 0)	0 (0)	(0 0)	0	(16> (0 0) (0 0)
(a > b	a : Number of animals examined at the s b : Number of animals with lesion c : b / a * 100																				

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

: MOUSE B6D2F1/Cr1j[Crj:BDF1] ANIMAL

REPORT TYPE : A1 SEX

: FEMALE

	1	Froup Name Control to of Animals on Study 19 trade 1 2 3	22	200 ppm 24 1 2 3 4	400 ppm 16 1 2 3 4
)rgan	Findings		4 (%) (%) (%) (%) (%)	$\frac{1}{(\%)}$ $\frac{2}{(\%)}$ $\frac{3}{(\%)}$ $\frac{4}{(\%)}$	$\frac{1}{(\%)}$ $\frac{2}{(\%)}$ $\frac{3}{(\%)}$ $\frac{4}{(\%)}$
			······································		
Circulatory	y system)				
eart		<19>	<22>	<24>	<16>
	myocardial fibrosis	. 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	1 0 0 0 0 (4) (0) (0) (0)	1 0 0 0 0 (6) (6) (7)
	arthritis	0 0 0 (0) (0) (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 0 0 (0) (4) (0) (0)	0 0 0 0 0 (0) (0) (0)
Digestive s	system)				
tomach		⟨19⟩	⟨22⟩	⟨24⟩	<16>
	erosion:glandular stomach	1 0 0 (5) (0) (0) (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 (0) (4) (0) (0)	0 0 0 0 0 (0) (0)
	ulcer:glandular stomach	0 0 0 (0) (0) (0) (0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 (0) (0) (0)	0 0 1 0 (0) (6) (0)
iver	necrosis:focal	<19> 0 1 0	0 0 0 0 0	<24> 0 0 0 0	2 0 0 0
		(0) (5) (0) (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0) (0) (0) (0)	(13) (0) (0) (0)
	extramedullary hematopoiesis	1 0 0	0 1 0 0 0	0 0 0 0	0 0 0 0
		(5)(0)(0)(0) (5) (0) (0) (0)	(0) (0) (0) (0)	(0) (0) (0) (0)
Grade (a) b (c)	1: Slight 2: Moderate 3 a: Number of animals examined at the si b: Number of animals with lesion c: b / a * 100 difference; *: P ≤ 0.05 **: P ≤				

: FEMALE

ANIMAL

SEX

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1

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

		Group Name No. of Animals on Study	19	Contro			_	22	ppm			24						16	ppm	
rgan	Findings	Grade <u>1</u> (%)	(%)	(%)	(%)	(%)	(%)	(%)		(%)		(%)	(%)	(%)	<u>(</u>	1 (%)	(%)	<u>3</u> (%		(%)
)igestive sys	stem																			
iver	acidophilic cell focus	. (0)	<193 0 (0) (0	0 (0)	1 (5)		22> 0 (0)	0 (0)	1 (4)	(<24) 0 0) (0	0 (0)		0 0) (0	16> 0 (0		0 0)
Jrinary syste	em}																			
idney	hyaline droplet	11 (58)	<19) 1 (5) (0	0	5 (23)	0 (0)	22> 0 (0)	0 *	12 (50)	(<24) 0 0) (0	0 (0)		7 14) (.0	16> 0 (0		0 0)
	inflammatory polyp	0 (0)	0 (0) (0	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0)	(0	0 0)	0 (0)	(0 0) (0 (0)	0		0 0)
	hydronephrosis	1 (5)	0 (0) (0	0 (0)	(0)	1 (5)	1 (5	0 (0)	0 (0)	(2 8) (0 0)	0 (0)	, (0 0) (1 (6)	(0		0 0)
	glomerulosclerosis	0 (0)	0 (0) (0	0 (0)	0 (0)	(0)	1 (5	0 (0)	0 (0)	(0 0) (0 0)	0 (0)		0 0) (0 (0)	(0) () (0 0)
rin bladd	dilatation	0 (0)	<193 0 (0) (0	0 (0)	0 (0)	0	22> 0 (0	0 (0)	0 (0)		<242 0 0) (1	0 (0)		0 0) (0	16> 0 (0		0 0)
a > b	1: Slight 2: Moderate a: Number of animals examined at the b: Number of animals with lesion c: b / a * 100	3 : Marked 4 : Severe													 					

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1

SEX : FEMALE PAGE: 15

		Group Name No. of Animals on Study		Contr 19	ol		2	100 p	opm —		2	200 p	pm			4 16	qq 00	m
Organ	Findings	Grade 1 (%)	9	(%)	(%)	(%)	(%)	3 (%)	(%)	<u>1</u> (%)	2 (%)	3 (%)	<u>4</u> (%)	(%)) (9	2	3 (%)	(%)
Endocrine sy	vstem)																	
pituitary	angiectasis	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	<2 1 (5)	0 (0)	0 (0)	0 (0) ((2 0 0)	4> 0 (0)	0 (0)	0 (0)) (<16> 0 0) (0 0) (0 (0)
	hyperplasia	2 (11)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4) (0	0 (0)	0 (0)	0 (0)) (0 0) (0 · 0) (0 (0)
	Rathke pouch	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	(0) (0	0 (0)	0 (0)	2 (13)) (0 0) (0 0) (0 (0)
thyroid	cyst	0 (0)	0	19> 0 (0)	0 (0)	0 (0)	<2 0 (0)	2> 0 (0)	0 (0)	0 (0) (<2 0 0)	4> 0 (0)	0 (0) .	1 (6)) (<16> 0 0) (0 0) (0 (0)
	granulation	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4) (0 0)	0 (0)	0 (0)	(0)) (0 0) (0	0 (0)
adrenal	spindle-cell hyperplasia	12 (63)			0 (0)	9 (41)	(2 9 (41)	22> 1 (5)	0 (0)	12 (50) (<2 10 (42)		0 (0)	13 (81)) (〈16〉 0 0) (, 0 0) (0
	hyperplasia:cortical cell	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (5)	0 (0)	0 (0)	0 (0) (0	0 (0)	0 (0)	0 (0)		0 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; $*: P \le 0.05$ **: $P \le 0.01$ Test of Chi Square

{Endocrine system}

{Reproductive system}

Organ_

adrenal

ovary

uterus

brain

Grade

<a>>

b

{Nervous system}

Findings_

thrombus

cyst

hyperplasia

necrosis:focal

b: Number of animals with lesion

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

1 : Slight

c : b / a * 100

: MOUSE B6D2F1/Crlj[Crj:BDF1]

ANIMAL REPORT TYPE : A1 : FEMALE SEX

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

PAGE: 16 100 ppm 200 ppm 400 ppm Group Name Control No. of Animals on Study 19 22 24 16 Grade (%) (%) (%) <24> <19> <16> focal fatty change:cortex 0 0 0 0 1 (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(6)(0) <19> ⟨24⟩ <16> 0 0 0 1 0 0 (0)(0)(0)(0) (0)(0)(5)(0) (0)(0)(4)(0) (0)(0)(0)(0) (0)(0)(0)(0) (5)(0)(0)(0) (4)(4)(0)(0) (6)(0)(0)(0) 0 0 1 (0)(0)(0)(0) (5)(0)(0)(0) (0)(0)(0)(0) (0)(6)(0)(0) <19> ⟨22⟩ <24> <16> cystic endometrial hyperplasia 5 0 0 0 0 0 (26) (0) (0) (0) (36) (0) (0) (0) (17) (0) (0) (0) (25) (0) (0) (0) <19> <22> <24> <16> 0 (0)(0)(0)(0) (5)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) 2 : Moderate 3 : Marked 4 : Severe a: Number of animals examined at the site

(HPT150)

BAIS4

SEX

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

ANIMAL REPORT TYPE : A1

: FEMALE

Organ	Group Name No. of Anim Grade Findings	Control nals on Study 19 1 2 3 4 (%) (%) (%) (%)	100 ppm 22 1 2 3 4 (%) (%) (%) (%)	200 ppm 24 1 2 3 4 (%) (%) (%) (%)	400 ppm 16 1 2 3 4 (%) (%) (%) (%)
lervous sys	stem)				
ain	mineralization	<19> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0 0 0 (18) (0) (0) (0)	4 0 0 0 (17) (0) (0) (0)	2 0 0 0 (13) (0) (0) (0)
pecial ser	nse organs/appendage}				
/e	keratitis	<pre></pre>	<pre></pre>	(24) 0 0 0 0 (0) (0) (0) (0)	<16> 2 0 0 0 (13) (0) (0) (0)
	mineralization:cornea	0 0 0 0 0 (0) (0) (0)	2 0 0 0 0 (9) (0) (0)	1 0 0 0 0 (4) (0) (0) (0)	2 0 0 0 0 (13) (0) (0) (0)
lusculoske]	letal system)				
scle	mineralization .	<19> 0 0 0 0 (0) (0) (0) (0)	(22) 1 0 0 0 (5) (0) (0) (0)	<24> 0 0 0 0 (0) (0) (0) (0)	0 0 0 0 (0) (0) (0) (0)
one	ostitis fibrosa	<19> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(22) 1 0 , 0 0 (5) (0) (0) (0)	<24> 0 0 0 0 (0) (0) (0) (0)	. <16> 0 0 0 0 (0) (0) (0) (0)
rade a > b c) ignificant	1: Slight 2: Moderate 3: Marked a: Number of animals examined at the site b: Number of animals with lesion c: b / a * 100 difference; *: P ≤ 0.05 **: P ≤ 0.01 Te	4 : Severe			
HPT150)	-				

TABLE L6

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : FEMALE

SACRIFICED ANIMALS

ANIMAL

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

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE: A1 SEX

: FEMALE

PAGE: 12

		roup Name		Control				O ppm	1)0 ppi	ħ				100 pj	o m
Organ		o. of Animals on Study rade 1 (%)	31 (%)	3 4 (%) (%)		<u>1</u> 2 %) (9			(%)	(%)	(%	26	3 (%)	(%)	<u>1</u> (%)	(5	34 2 %)	3 (%)	(%)
{Respiratory	system)																		
nasal cavit	exudate	. 1	<31> 0 (0) (0 0 0) (0)	(1	3 4 1) (18	<27> 1 1 5) (4	l 4) (0 * 0)	7 (27)	10		8 31) (0 ** 0)	12 (35)	19		2	0 ** (0)
	mineralization	0 (0)	0 (0) (0 0 0) (0)		4 (5) ((0 0) (0 0)	2 (8)	0 (0		0 0) (0 0)	1 (3)		0 0) (0	0 (0)
	eosinophilic change:olfactory epithelium	m 16 (52)	0 (0) (0 0	1 (4	3 (8) (() ()) (() ()	0 0)	12 (46)	1 (4		0 0) (0 0)	34 (100)		0 0) (0 0)	0 ** (0)
	eosinophilic change respiratory epithel		3 (10) (0 0	1 (4	1 1 1) (4		0 0) (0 ** 。 0)	18 (69)	1 (4		0 0) (0 ** 0)	30 (88)		3 9) (0	0 (0)
	inflammation:respiratory epithelium	0 (0)	0 (0) (0 0	(0 (0) (() ()) ((0 0) (0 0)	0 - (0)	(0))) (0 0) (0	(3)		0 (0	0 (0)
	respiratory metaplasia olfactory epithe		0 (0) (0 0		4 (2) ((0 0) (0 0)	15 (58)	(0		0 0) (0 *	28 (82)		6 8) (0 0)	0 ** (0)
	respiratory metaplasia:gland	23 (74)	0 (0) (0 0		6 (9) ((0 0) (0 0)	24 (92)	(0		0 0) (0 0)	34 (100)		0 0) (0 0)	0 ** (0)
	squamous cell metaplasia:respiratory ep	ithelium 2 (6)	0 (0) (0 0	(1 () () ((0 0) (0 0)	9 (35)	0 (0		0 0) (0 * 0)	14 (41)		3 9) (0	0 ** (0)

(c) c:b/a * 100

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

STUDY NO. : 0676 ANIMAL

: MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE : A1 SEX

: FEMALE

Organ	Findings	Group Name No. of Animals on Study Grade 1 (%)	Control 31 2 3 4 (%) (%) (%)	100 ppm 27 1 2 3 4 (%) (%) (%) (%)	200 ppm 26 1 2 3 4 (%) (%) (%) (%)	400 ppm 34 1 2 3 4 (%) (%) (%)
Respiratory :	system)					4
asal cavit	ulcer:respiratory epithelium	1 (3)	<31> 0 0 0 (0) (0) (0)	<27> 0 0 0 0 (0) (0) (0) (0)	<26> 0 0 0 0 (0) (0) (0) (0)	(34) 1 0 2 0 (3) (0) (6) (0)
	atrophy:olfactory epithelium	0 (0)	0 0 0 0	4 3 0 0 * (15) (11) (0) (0)	8 10 7 0 *** (31) (38) (27) (0)	7 26 1 0 ** (21) (76) (3) (0)
	necrosis:olfactory epithelium	0 (0)	0 0 0 0	0 0 0 0 0 (0) (0)	1 0 0 0 0 (4) (0) (0) (0)	2 1 0 0 (6) (3) (0) (0)
	necrosis:respiratory epithelium	0 (0)	0 0 0	0 0 0 0 0 (0) (0)	2 0 0 0 0 (8) (0) (0) (0)	2 0 0 0 0 (6) (6) (70) (70)
asopharynx	eosinophilic change	4 (13)	<31> 0 0 0 0 0 0 0)	(27) 1 0 0 0 (4) (0) (0) (0)	26> 2 0 0 0 (8) (0) (0) (0)	(34) 1 0 0 0 (3) (0) (0) (0)
arynx	inflammatory infiltration	0 (0)	<pre></pre>	<27> 1 0 0 0 (4) (0) (0) (0)	<26> 0 0 0 0 0 0 0 0 0 0 0	(34) 0 0 0 0 (0) (0) (0) (0)
rachea	eosinophilic change	1 (3)	<31> 0 0 0 (0) (0) (0)	<27> 0 0 0 0 (0) (0) (0) (0) .	<26> 0 0 0 0 (0) (0) (0) (0)	(34) 0 0 0 0 (0) (0) (0) (0)
rade a > b c) ignificant d	1: Slight 2: Moderate a: Number of animals examined at the b: Number of animals with lesion c: b / a * 100 ifference; *: P ≤ 0.05 **: F					

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

ANIMAL REPORT TYPE : A1 SEX : FEMALE HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

	N	roup Name o. of Animals on Study	31	ntrol		:	100 <u>1</u> 27	pm			26 26	200 р	pm			34	400 p	pm	
rgan	Findings	rade <u>1</u> (%)		3 4 (%)	<u>1</u> (%)	(%)	(%)	(%)	(%)		<u>2</u> (%)	3 (%)	(%)	<u>1</u> (%)		2 (%)	(%)	(%)	
espiratory	averten)																		
ng	System)		<31>				27>				<262					<34			
-15	inflammatory infiltration	1 (3)		0 0 0) (0)	0 (0)	(0)	0	0 (0)	0 (0)	(0	0	0 (0)	0 (0)		0	0 (0)	(0)	
	lymphocytic infiltration	2 (6)	0 (0 0	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	(0 0) (0 0)	0 (0)	4 (12)	(0 0) (0 (0)	0 (0)	
,	accumulation of foamy cells	1 (3)		0 0 0) (0)	0 (0)	0 (0)	0 (- 0)	0 (0)	0 (0)	(0 (0 0)	0 (0)	0 (0)		0 0) (0 (0)	0 (0)	
	bronchiolar-alveolar cell hyperplasia	0 (0)	0 (0) (0 0 0) (0)	1 (4)	0 (,0)	0 (0)	0 (0)	0 (0)	(0 0) (0 0)	0 (0)	0 (0)		1 3) (0 (0)	0 (0)	
ematopoieti	c system)									٠									
ne marrow	increased hematopoiesis	0 (0)	<31> 0 (0) (0 0 0) (0)	0 (0)		27> 0 (0)	0 (0)	0 (0)	(<262 0 0) (0	0 (0)	1 (3)		<34 0 0) (0	0 (0)	
	granulopoiesis:increased	1 (3)	0 (0) (0 0 0) (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	(0 0) (0 0)	0 (0)	0 (0)		0 0) (0 (0)	0 (0)	· •)
bleen	deposit of melanin	0 (0)	<31> 0 (0) (0 0 0) (0)	0 (0)	0 (0)	27> 0 (0)	0 (0)	0 (0)	(<262 0 0) (0	0 (0)	1 (3)		<34 0 0) (0	0 (0)	
rade a > b	1: Slight 2: Moderate 3: a: Number of animals examined at the sit b: Number of animals with lesion c: b/a * 100	Marked 4: Severe	-														· · · · · ·	<u> </u>	

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
REPORT TYPE : A1

SEX

: FEMALE

	Group N No. of	me Control Animals on Study 31	100 ppm 27	200 ppm 26	400 ppm 34
rgan	Grade Findings	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
-					-
Hematopoieti	ic system)				
spleen	extramedullary hematopoiesis	31> 1 2 0 0 (3) (6) (0) (0)	<27> 4 0 0 0 (15) (0) (0) (0)	<26> 3 0 0 0 (12) (0) (0) (0)	(34) 4 1 0 0 (12) (3) (0) (0)
	lymph-follicular hyperplasia	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)	2 0 0 0 0 (6) (6) (0) (0)
Circulatory	system}				
eart	myocardial fibrosis	2 0 0 0 (6) (0) (0) (0)	<27> 0 0 0 0 0 0 0 0 0 0 0 0	<26> 2	34> 1 0 0 0 (3) (0) (0) (0)
Digestive sy	ystem)				
alivary gl	lymphocytic infiltration	. (3) (0) (0) (0) 1 0 0 0. <31>	27> 1 0 0 0 (4) (0) (0) (0)	<26> 0 0 0 0 (0) (0) (0) (0)	<34> 1 0 0 0 (3) (0) (0) (0)
tomach	hyperplasia:forestomach	(0) (0) (0) (0) 0 0 0 0 31>	<27> 0 0 0 0 (0) (0) (0) (0)	<26> 0 0 0 0 (0) (0) (0) (0)	<34> 1 0 0 0 (3) (0) (0) (0)
rade a > b c)	1: Slight 2: Moderate 3: Marke a: Number of animals examined at the site b: Number of animals with lesion c: b/a * 100 difference; *: P ≤ 0.05 **: P ≤ 0.01	d 4: Severe Test of Chi Square			

STUDY NO.

: 0676

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE

ANIMAL

SACRIFICED ANIMALS (105W)

Group Name Control 100 ppm 200 ppm 400 ppm No. of Animals on Study 31 27 26 34 Grade Organ____ Findings_ (%) (%) (%) (%) (%) (Digestive system) stomach <31> <27> <26> erosion:glandular stomach 1 0 0 0 (13) (3) (0) (0) (22) (0) (0) (0) (15) (8) (0) (0) (9)(3)(0)(0) ulcer:glandular stomach 0 0 (0)(0)(3)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(3)(0)(0) hyperplasia:glandular stomach 3 4 (10) (0) (0) (0) (7)(0)(0)(0) (15) (0) (0) (0) (15) (0) (0) (0) liver <31> <27> <26> <34> angiectasis 0 0 0 0 4 0 0 0 0 0 0 (3)(3)(0)(0) (7)(0)(0)(0) (15) (0) (0) (0) (0)(0)(0)(0) thrombus 0 (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(3)(0)(0) necrosis: focal 0 (3)(0)(0)(0) (4)(0)(0)(0) (0)(0)(0)(0) (3)(0)(0)(0) cyst 0 1 0 (0)(0)(0)(0) (0)(0)(0)(0) (4)(0)(0)(0) (0)(0)(0)(0) inflammatory infiltration 0

Grade

1 : Slight

2 : Moderate

3 : Marked

4 : Severe

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

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

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

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

b: Number of animals with lesion (c)

c:b/a*100

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

Test of Chi Square

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

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

ANIMAL REPORT TYPE : A1 HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

SACRIFICED ANIMALS (105W)

SEX : FEMALE PAGE: 17

Organ	Findings	Group Name No. of Animals on Study Grade 1 (%)	Control 31 2 3 4 (%) (%) (%)	100 ppm 27 1 2 3 4 (%) (%) (%) (%)	200 ppm 26 1 2 3 4 (%) (%) (%) (%)	400 ppm 34 1 2 3 4 (%) (%) (%) (%)
{Digestive	system)					
liver	lymphocytic infiltration	0 (0)	<31> 0 0 0 (0) (0) (0)	<27> 1 0 0 0 (4) (0) (0) (0)	<26> 0 0 0 0 0 0 0 0	(34) 1 0 0 0 (3) (0) (0) (0)
	inflammatory cell nest	(3)	0 0 0 0 (0) (0)	1 0 0 0 0 (4) (0) (0) (0)	0 0 0 0	0 0 0 0 0 (0) (0)
	extramedullary hematopoiesis	3 (10)	0 0 0 0 (0) (0)	1 0 0 0 0 (4) (0) (0) (0)	0 0 0 0 0 (0) (0)	1 0 0 0 0 (3) (0) (0) (0)
	clear cell focus	0 (0)	0 0 0 0 (0) (0)	2 0 0 0 0 (7) (0) (0) (0)	0 0 0 0 0 (0) (0)	0 1 0 0 (0) (3) (0) (0)
	acidophilic cell focus	1 (3)	0 1 0 (0) (3) (0)	2 0 0 0 0 (7) (0) (0)	0 2 0 0 (0) (8) (0) (0)	1 2 1 0 (3) (6) (3) (0)
	bile duct hyperplasia	3 (10)	0 0 0 0 (0) (0)	1 0 0 0 0 (4) (0) (0) (0)	0 0 0 0 0 (0) (0)	0 0 0 0 0 (0) (0)
{Urinary sys	stem)					
kidney	cyst	. 1 (3)	<31> 0 0 0 (0) (0) (0)	<27> 0 0 0 0 (0) (0) (0) (0)	<26> 0 0 0 0 (0) (0) (0) (0)	<34> 0 0 0 0 0 0 0 0 0 0 0 0
Grade <a>> b (c) Significant	1: Slight 2: Moderate a: Number of animals examined at the b: Number of animals with lesion c: b/a * 100 difference; *: P ≤ 0.05 **: P	3 : Marked 4 : Severe site ≤ 0.01 Test of Chi Squar				

ANIMAL

SEX

: FEMALE

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

REPORT TYPE: A1

SACRIFICED ANIMALS (105W)

		Group Name No. of Animals on Study	Control 31	100 ppm 27	200 ppm 26	400 ppm 34
)rgan	Findings	Grade 1 (%)	2 3 4 (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
(Urinary syst	tem)					
idney	hyaline droplet	2 (6)	(0) (0) (0) (0)	(27) 1 0 0 0 (4) (0) (0) (0)	<26> 0 0 0 0 (0) (0) (0) (0)	<34> 1 0 0 0 (3) (0) (0) (0)
	lymphocytic infiltration	1 (3)	0 0 0 0 (0)	2 0 0 0 0 (7) (0) (0) (0)	1 0 0 0 0 (4) (0) (0) (0)	2 0 0 0 0 (6) (6) (70) (70)
	hydronephrosis	0 (0)	2 0 0 (6) (6) (6)	0 1 0 0 (0) (0)	0 0 1 0 (0) (4) (0)	0 1 0 0 (0) (0)
rin bladd	lymphocytic infiltration	1 (3)	<31> 0 0 0 (0) (0) (0)	27> 2 0 0 0 (7) (0) (0) (0)	<26> 1 0 0 0 (4) (0) (0) (0)	34> 1 0 0 0 (3) (0) (0) (0)
Endocrine sy	vstem}					
tuitary	angiectasis	2 (6)	31> 0 0 0 0 (0) (0) (0)	<27> 0 0 0 0 0 0 0 0 0 0 0 0	(26) 1 1 0 0 (4) (4) (0) (0)	<34> 4 0 0 0 (12) (0) (0) (0)
	hyperplasia	5 (16)	5 0 0 (16) (0) (0)	6 1 0 0 (22) (4) (0) (0)	1 2 0 0 (4) (8) (0) (0)	0 2 0 0
rade a > b c) ignificant d	1: Slight 2: Moderate 3 a: Number of animals examined at the s b: Number of animals with lesion c: b / a * 100	: Marked 4 : Severe	3			

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1

ANIMAL

: FEMALE

		Group Name Control No. of Animals on Study 31	100 ppm 27	200 ppm 26	400 ppm 34
)rgan	Findings	Frade 1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)
(Endocrine s	system)				
oituitary	Rathke pouch	<31> 6 0 0 0 (19) (0) (0) (0)	(27) 1 0 0 0 (4) (0) (0) (0)	(26) 1 0 0 0 (4) (0) (0) (0)	<34> 0 0 0 0 0 * (0) (0) (0) (0)
hyroid	ultimobranchial body remanet	<31> 0 0 0 0 (0) (0) (0) (0)	<27> 0 0 0 0 (0) (0) (0) (0)	<26> 1 0 0 0 (4) (0) (0) (0)	<34> 0 0 0 0 0 0 0 0 0 0 0 0 0 0
drenal	spindle-cell hyperplasia	<pre></pre>	<27> 7 12 8 0 (26) (44) (30) (0)	<26> 4 21 1 0 (15) (81) (4) (0)	34> 6 22 5 0 (18) (65) (15) (0)
	focal fatty change:cortex	0 0 0 0 0 (0)	0 1 0 0 (0) (4) (0) (0)	0 3 0 0 (0) (12) (0) (0)	0 0 1 0 (0) (3) (0)
Reproductiv	ve system)				
vary	thrombus	<pre></pre>	<27> 0 1 0 0 (0) (4) (0) (0)	<26> 0 0 0 0 (0) (0) (0) (0)	34> 0 0 0 0 (0) (0) (0) (0)
	cyst	9 1 0 0 (29) (3) (0) (0)	7 0 0 0 (26) (0) (0) (0)	6 1 0 0 (23) (4) (0) (0)	14 1 0 0 (41) (3) (0) (0)
Grade (a) b (c)	1: Slight 2: Moderate 3 a: Number of animals examined at the si b: Number of animals with lesion c: b / a * 100	Marked 4 : Severe te			

STUDY NO. : 0676 ANIMAL

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX

: FEMALE

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

		Group Name Control	100 ppm 27	200 ppm 26	400 ppm	
gan		No. of Animals on Study 31 Grade 1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	1 2 3 4 (%) (%) (%) (%)	34 (%) (%) (%) (%) (%)	
Reproducti	ve system)					
vary	hyperplasia	(31) 0 1 0 0 (0) (3) (0) (0)	0 1 0 0 (0) (4) (0) (0)	<26> 0 0 0 0 (0) (0) (0) (0)	<34> 0 0 0 0 0 0 0 0 0 0 0	
terus	cystic endometrial hyperplasia	<pre></pre>	<27> 23 0 0 0 (85) (0) (0) (0)	23 0 0 0 (88) (0) (0) (0)	34> 30 0 0 0 (88) (0) (0) (0)	
Nervous sy	rstem)					
rain	necrosis:focal	31> 0 0 0 0 (0) (0) (0) (0)	<27> 1 0 0 0 (4) (0) (0) (0)	<26> 0 0 0 0 (0) (0) (0) (0)	<34> 0 0 0 0 0 0 0 0 0 0 0	
	mineralization	8 0 0 0 (26) (0) (0) (0)	6 0 0 0 0 (22) (0) (0) (0)	5 0 0 0 (19) (0) (0) (0)	9 0 0 0 0 (26) (0) (0) (0)	
Special se	ense organs/appendage)					
Эуө	keratitis	<31> 0 0 0 0 (0) (0) (0) (0)	<27> 0 0 0 0 (0) (0) (0) (0)	<26> 0 0 0 0 (0) (0) (0) (0)	34> 1 0 0 0 (3) (0) (0) (0)	
Grade (a > b (c)	1: Slight 2: Moderate 3 a: Number of animals examined at the si b: Number of animals with lesion c: b / a * 100 t difference; *: P ≤ 0.05 **: P ≤					

: MOUSE B6D2F1/Crlj[Crj:BDF1]

b: Number of animals with lesion

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

c:b/a * 100

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

REPORT TYPE : A1

ANIMAL

SEX

: FEMALE

SACRIFICED ANIMALS (105W)

Group Name Control 100 ppm 200 ppm 400 ppm No. of Animals on Study 31 27 34 Grade Findings_ (%) (%) (%) Organ_ {Special sense organs/appendage} <31> eye mineralization:cornea 0 2 0 0 0 0 0 0 (6)(0)(0)(0) (4)(0)(0)(0) (8)(0)(0)(0) (15) (0) (0) (0) Harder gl <31> (27) <26> <34> hyperplasia 0 0 0 1 0 0 ('3) (0) (0) (0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(3)(0)(0) (Musculoskeletal system) bone <31> ostitis fibrosa 0 0 0 (0)(0)(0)(0) (4)(0)(0)(0) (0)(0)(0)(0) (9)(0)(0)(0) 1 : Slight 2 : Moderate 3 : Marked Grade 4 : Severe < a > a: Number of animals examined at the site

(HPT150)

b

(c)

BAIS4

TABLE M1

NUMBER OF ANIMALS WITH TUMORS

AND NUMBER OF TUMORS-TIME RELATED : MALE

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

STUDY NO. : 0676 ANIMAL : MOUSE

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : MALE

0 - 52 NO. OF EXAMINED ANIMALS 0 4 1 1 1 1 1 1 1 1 1	me-related Weeks	Items	Group Name	Control	100 ppm	200 ppm	400 ppm	
NO. 0F ANDALS WITH SURJE TUNORS 0	0 - 52	NO. OF EXAMINED ANIMALS		0	4	1	1	
NO. 0F ANDALS WITH SURJE TUNORS 0		NO. OF ANIMALS WITH TUMORS		0	0	1	0	
NO. 0F ANDIALS WITH MULTIPLE TUNORS 0				0		-	<u>-</u>	
NO. OF MALIGNANT TUMORS 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				0	0	0	0	
NO. OF TOTAL TUNORS 0				0	•	•	•	
1				0		•		
NO. OF ANIMALS WITH TUMORS		NO. OF TOTAL TUMORS		0	0	1	0	
NO. OF ANIMALS WITH SINGLE TUMORS 1	53 - 78	NO. OF EXAMINED ANIMALS		1	4	1	2	
NO. OF ANIMALS WITH MULTIPLE TUMORS 0 0 0 0				1	2	1	2	
NO. OF BENIGN TUMORS 1				1	-	1		
NO. OF MALIGNANT TUMORS 1		NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0	
NO. OF TOTAL TUMORS 1 2 1 2 79 - 104 NO. OF EXAMINED ANIMALS 19 11 13 8 NO. OF ANIMALS WITH TUMORS 15 10 8 8 8 NO. OF ANIMALS WITH SINGLE TUMORS 9 8 8 3 4 NO. OF ANIMALS WITH MULTIPLE TUMORS 6 2 5 4 NO. OF BENIGN TUMORS 7 6 8 8 3 NO. OF MALIGNANT TUMORS 16 7 9 10 NO. OF TOTAL TUMORS 23 13 17 13 105 - 105 NO. OF ANIMALS WITH TUMORS NO. OF ANIMALS WITH TUMORS 18 24 20 28 NO. OF ANIMALS WITH SINGLE TUMORS 18 24 20 28 NO. OF ANIMALS WITH SINGLE TUMORS 19 11 10 20 NO. OF ANIMALS WITH SINGLE TUMORS 10 10 10 10 10 10 10 10 10 10 10 10 10 1		NO. OF BENIGN TUMORS		1	0	0	0	
79 - 104 NO. OF EXAMINED ANIMALS NO. OF ANIMALS WITH TUMORS NO. OF ANIMALS WITH SINGLE TUMORS NO. OF ANIMALS WITH MULTIPLE TUMORS NO. OF BENIGN TUMORS NO. OF BENIGN TUMORS NO. OF MALIGNANT TUMORS NO. OF TOTAL TUMORS NO. OF TOTAL TUMORS NO. OF EXAMINED ANIMALS NO. OF EXAMINED ANIMALS NO. OF ANIMALS WITH MULTIPLE TUMORS NO. OF ANIMALS WITH TUMORS NO. OF ANIMALS WITH SINGLE TUMORS NO. OF ANIMALS WITH SINGLE TUMORS NO. OF ANIMALS WITH SINGLE TUMORS NO. OF ANIMALS WITH MULTIPLE TUMORS NO. OF ANIMALS WITH MULTIPLE TUMORS NO. OF ANIMALS WITH MULTIPLE TUMORS 12 14 23 21				0	2	1	2	
NO. OF ANIMALS WITH TUMORS 15 10 8 8 8 NO. OF ANIMALS WITH SINGLE TUMORS 9 8 3 4 NO. OF ANIMALS WITH MULTIPLE TUMORS 6 2 5 4 NO. OF BENIGN TUMORS 7 6 8 3 NO. OF MALIGNANT TUMORS 16 7 9 10 NO. OF TOTAL TUMORS 23 13 17 13 17 13 105 - 105 NO. OF EXAMINED ANIMALS 30 31 34 39 NO. OF ANIMALS WITH TUMORS 18 24 20 28 NO. OF ANIMALS WITH SINGLE TUMORS 13 17 10 20 NO. OF ANIMALS WITH MULTIPLE TUMORS 5 7 10 8 NO. OF EXAMINED MULTIPLE TUMORS 12 14 23 21 14 23 21 14 15 16 17 10 10 10 10 10 10 10		NO. OF TOTAL TUMORS		1	2	1	2	
NO. OF ANIMALS WITH SINGLE TUMORS 9 8 3 4	79 - 104	NO. OF EXAMINED ANIMALS		19	11	13	8	
NO. OF ANIMALS WITH MULTIPLE TUMORS 6 2 5 4				15	10	8	8	
NO. OF BENIGN TUMORS 7 6 8 3 NO. OF MALIGNANT TUMORS 16 7 9 10 NO. OF TOTAL TUMORS 23 13 17 13 105 - 105 NO. OF EXAMINED ANIMALS 30 31 34 39 NO. OF ANIMALS WITH TUMORS 18 24 20 28 NO. OF ANIMALS WITH SINGLE TUMORS 13 17 10 20 NO. OF ANIMALS WITH MULTIPLE TUMORS 5 7 10 8 NO. OF BENIGN TUMORS 12 14 23 21								
NO. OF MALIGNANT TUMORS 16 7 9 10 NO. OF TOTAL TUMORS 23 13 17 13 105 - 105 NO. OF EXAMINED ANIMALS 30 31 34 39 NO. OF ANIMALS WITH TUMORS 18 24 20 28 NO. OF ANIMALS WITH SINGLE TUMORS 13 17 10 20 NO. OF ANIMALS WITH MULTIPLE TUMORS 5 7 10 8 NO. OF BENIGN TUMORS 12 14 23 21		NO. OF ANIMALS WITH MULTIPLE TUMORS		6	2	5	4	
NO. OF TOTAL TUMORS 23 13 17 13 105 - 105 NO. OF EXAMINED ANIMALS 30 31 34 39 NO. OF ANIMALS WITH TUMORS 18 24 20 28 NO. OF ANIMALS WITH SINGLE TUMORS 13 17 10 20 NO. OF ANIMALS WITH MULTIPLE TUMORS 5 7 10 8 NO. OF BENIGN TUMORS 12 14 23 21				7	6	8	3	
105 - 105 NO. OF EXAMINED ANIMALS NO. OF ANIMALS WITH TUMORS NO. OF ANIMALS WITH SINGLE TUMORS NO. OF ANIMALS WITH MULTIPLE TUMORS NO. OF ANIMALS WITH MULTIPLE TUMORS 12 14 23 21								
NO. OF ANIMALS WITH TUMORS 18 24 20 28 NO. OF ANIMALS WITH SINGLE TUMORS 13 17 10 20 NO. OF ANIMALS WITH MULTIPLE TUMORS 5 7 10 8 NO. OF BENIGN TUMORS 12 14 23 21		NO. OF TOTAL TUMORS		23	13	17	13	
NO. OF ANIMALS WITH SINGLE TUMORS 13 17 10 20 NO. OF ANIMALS WITH MULTIPLE TUMORS 5 7 10 8 NO. OF BENIGN TUMORS 12 14 23 21	105 - 105	NO. OF EXAMINED ANIMALS		30	31	34	39	
NO. OF ANIMALS WITH MULTIPLE TUMORS 5 7 10 8 NO. OF BENIGN TUMORS 12 14 23 21		NO. OF ANIMALS WITH TUMORS		18	24	20	28	
NO. OF BENIGN TUMORS 12 14 23 21							20	
· · · · · · · · · · · · · · · · · · ·		NO. OF ANIMALS WITH MULTIPLE TUMORS		5	7	10	8	
NO. OF MALIGNANT TUMORS 11 17 11 17								
NO. OF TOTAL TUMORS 23 31 34 38						11		

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1

ANIMAL

: MALE

PAGE: 2

Time-related Weeks	Items	Group Name	Control	100 ppm	200 ppm	400 ppm	
0 - 105	NO. OF EXAMINED ANIMALS		50	50	49	50	
	NO. OF ANIMALS WITH TUMORS		34	36	30	38	
	NO. OF ANIMALS WITH SINGLE TUMORS		23	27	15	26	
	NO. OF ANIMALS WITH MULTIPLE TUMORS		11	9	15	12	
	NO. OF BENIGN TUMORS		20	20	32	24	
	NO. OF MALIGNANT TUMORS		27	26	21	29	
	NO. OF TOTAL TUMORS		47	46	53	53	
(HDT070)							 DATCA

(HPT070)

BAIS4

TABLE M2

NUMBER OF ANIMALS WITH TUMORS

AND NUMBER OF TUMORS-TIME RELATED : FEMALE

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

STUDY NO. : 0676 ANIMAL : MOUSE

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1

SEX : FEMALE

e-related _Weeks	Items	Group Name	Control	100 ppm	200 ppm	400 ppm		
0 - 52	NO. OF EXAMINED ANIMALS		2	2	1	2		
	NO. OF ANIMALS WITH TUMORS		1	1	. 0	1		
	NO. OF ANIMALS WITH SINGLE TUMORS		1	1	0	1		
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	ō	0	0		
	NO. OF BENIGN TUMORS		0	0	0	0		
	NO. OF MALIGNANT TUMORS		1	1	0	1		
	NO. OF TOTAL TUMORS		1	1 .	0	1	<i></i>	
53 - 78	NO. OF EXAMINED ANIMALS		3	3	3	2		
	NO. OF ANIMALS WITH TUMORS	•	3 .	3	3	2		
	NO. OF ANIMALS WITH SINGLE TUMORS		3	3	3	2		
	NO. OF ANIMALS WITH MULTIPLE TUMORS	•	0	0	0	0		
	NO. OF BENIGN TUMORS		0	0	0	0		
	NO. OF MALIGNANT TUMORS		3	3	3	2		
	NO. OF TOTAL TUMORS		3	3	3	2		
79 - 104	NO. OF EXAMINED ANIMALS		14	17	20	12		
	NO. OF ANIMALS WITH TUMORS		14	15	20	12		
	NO. OF ANIMALS WITH SINGLE TUMORS		12	12	15	3		
	NO. OF ANIMALS WITH MULTIPLE TUMORS		2	3	5	9	•	
	NO. OF BENIGN TUMORS		2	2	7	8		
	NO. OF MALIGNANT TUMORS		. 14	16	20	13		
	NO. OF TOTAL TUMORS		16	18	27	21		
.05 - 105	NO. OF EXAMINED ANIMALS		31	27	26	34		
	NO. OF ANIMALS WITH TUMORS		21	19	17	23		
	NO. OF ANIMALS WITH SINGLE TUMORS		15	10	6	13		
	NO. OF ANIMALS WITH MULTIPLE TUMORS		6	9	11	10		
	NO. OF BENIGN TUMORS		16	17	17	18		
	NO. OF MALIGNANT TUMORS		12	13	14	17		
	NO. OF TOTAL TUMORS		28	30	31	35		

STUDY NO. : 0676
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1

SEX : FEMALE

	•		· · · · · · · · · · · · · · · · · · ·				
Time-related	Items	Group Name	Control	100 ppm	200 ppm	400 ppm	
0 - 105	NO. OF EXAMINED ANIMALS		50	49	50	50	
	NO. OF ANIMALS WITH TUMORS NO. OF ANIMALS WITH SINGLE TUMORS		39 31	38 26	40 24	38 19	
	NO. OF ANIMALS WITH MULTIPLE TUMORS NO. OF BENIGN TUMORS		18	12 19	16 24	19 26	
	NO. OF MALIGNANT TUMORS NO. OF TOTAL TUMORS		30 48	33 52	37 61	33 59	
(upmaga)				<u> </u>			

(HPT070)

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TABLE N1

HISTOPATHOLOGICAL FINDINGS:

NEOPLASTIC LESIONS : MALE

STUDY NO. : 0676 ANIMAL

: MOUSE B6D2F1/Crlj[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX : MALE

Organ	Findings	Group Name No. of animals on Study		Control 50		100 ppm 50		200 ppm 49		400 ppm 50
{Integumentar	y system/appandage)							•		
skin/app	squamous cell papilloma			50> 0%)	0	<50> (0%)	1	<49> (2%)	0	<50> (0%)
	keratoacanthoma		1 (2%)	0.	(0%)	0	(0%)	0	(0%)
subcutis	lipoma	:		50> 2%)	0	<50> (0%)	0	<49> (0%)	0	<50> (0%)
	fibrosarcoma	. (0 (0%)	1	(2%)	0	(0%)	1	(2%)
	hemangiosarcoma	1	0 (0%)	0	(0%)	. 2	(4%)	0	(0%)
Respiratory	system)									
asal cavit	malignant lymphoma			50> (0%)	0	<50> (0%)	1	<49> (2%)	0	<50> (0%)
ung	bronchiolar-alveolar adenoma			50> 8%)	4	<50> (8%)	3	<49> (6%)	5	<50> (10%)
	bronchiolar—alveolar carcinoma	:	2 (4%)	3	(6%)	2	(4%)	3	(6%)
Hematopoieti	c system)	•								
one marrow	hemangioma			50> (0%)	0	<50> (0%)	0	<49> (0%)	1	<50> (2%)
	hemangiosarcoma	1	0 (0%)	0	(0%)	1	(2%)	1	(2%)
lymph node	histiocytic sarcoma			50> (2%)	0	<50> (0%)	0	<49> (0%)	1	<50> (2%)
<a>><a><a>	a: Number of animals examined at the site b: Number of animals with neoplasm c: b,	/ a * 100		·						

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1

ANIMAL

SEX : MALE

rgan	Findings	Group Name No. of animals on Study		Control 50		100 ppm 50	····	200 ppm 49		400 ppm 50
(Hematopoietic	system)		÷							
lymph node	malignant lymphoma			<50> (18%)	6	<50> (12%)	6	<49> (12%)	13	<50> (26%)
pleen	hemangioma			<50> (0%)	1	<50> (2%)	. 0	<49> (0%)	0	<50> (0%)
	mastcytoma: malignant		1	(2%)	0	(0%)	0	(0%)	0	(0%)
	hemangiosarcoma		0	(0%)	0	(0%)	.0	(0%)	2	(4%)
{Digestive sys	stem)									
tongue	squamous cell papilloma			<50> (0%)	1	<50> (2%)	0	<49> (0%)	0	<50> (0%)
stomach	squamous cell papilloma			<50> (2%)	1	<50> (2%)	1	<49> (2%)	1	<50> (2%)
	carcinoid tumor		0	(0%)	0	(0%)	1	(2%)	0	(0%)
small intes	leiomyosarcoma		0	<50> (0%)	1	<50> (2%)	0	<49> (0%)	0	<50> (0%)
liver	hemangioma			<50> (4%)	0	<50> (0%)	1	<49> (2%)	1	<50> (2%)
	hepatocellular adenoma		6	(12%)	8	(16%)	18	(37%)	10	(20%)
	histiocytic sarcoma		2	(4%)	1	(2%)	1	(2%)	1	(2%)
	hemangiosarcoma		6	(12%)	3	(6%)	3	(6%)	3	(6%)
										•

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX : MALE

)rgan	Findings	Group Name No. of animals on Study	Control 50		100 ppm 50		200 ppm 49		400 ppm 50
(Digestive sys	stem)								
liver	hepatocellular carcinoma	!	<50> (10%)	8	<50> (16%)	4	<49> (8%)	2	<50> (4%)
all bladd	papillary adenoma	;	<50> (4%)	. 1	<50> (2%)	1	<49> (2%)	2	<50> (4%)
oancreas	islet cell adenoma	:	<50> (2%)	0	<50> (0%)	1	<49> (2%)	0	<50> (0%)
(Urinary syste	em) .								
urin bladd	histiocytic sarcoma		<50> (0%)	0	<50> (0%)	0	<49> (0%)	1	<50> (2%)
{Endocrine sys	stem)		•						
pituitary	histiocytic sarcoma		<50> (0%)	1	<49> (2%)	0	<49> (0%)	0	<50> (0%)
Reproductive	system)								
nammary gl	adenocarcinoma		<50> (2%)	0	<50> (0%)	0	<49> (0%)	0	<50> (0%)
{Special sens	e organs/appendage)								
Harder gl	adenoma	:	<50> (4%)	4	<50> (8%)	4	<49> (8%)	4	<50> (8%)
{Musculoskele	tal system)								
bone	osteosarcoma		<50> (0%)	1	<50> (2%)	0	<49> (0%)	0	<50> (0%)

STUDY NO. : 0676 ANIMAL

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : MALE

Organ	Findings	Group Name No. of animals on Study	Control 50	100 ppm 50	200 ppm 49	400 ppm 50
(Body cavities	s)					
pleura	histiocytic sarcoma	0	<50> (0%)	<50> 0 (0%)	<49> 1 (2%)	<50> 0 (0%)
mediastinum	histiocytic sarcoma	0	<50> (0%)	<50> 0 (0%)	<49> 0 (0%)	<50> 1 (2%)
peritoneum	leiomyosarcoma	0	<50> (0%)	<50> 1 (2%)	<49> 0 (0%)	<50> 0 (0%)
retroperit	hemangioma	0	<50>) (0%)	<50> 0 (0%)	<49> 1 (2%)	<50> 0 (0%)
(a) b (c)	a: Number of animals examined at the site b: Number of animals with neoplasm c:b/a*1	100				
(HPT085)						DAT

(HPT085)

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TABLE N2

HISTOPATHOLOGICAL FINDINGS:

NEOPLASTIC LESIONS : FEMALE

STUDY NO. : 0676 ANIMAL

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

		No. of animals on Study		50		49		50		50
Integumentary	system/appandage)									
kin/app	squamous cell papilloma	(<50> (0%)	0	<49> (0%)	0	<50> (0%)	1	<50> (2%)
ubcutis	fibrosarcoma	(<50> (0%)	1	<49> (2%)	1.	<50> (2%)	0	<50> (0%)
	leiomyosarcoma	(0	(0%)	2	(4%)	. 0	(0%)	0	(0%)
Respiratory sy	stem)									
ung	bronchiolar-alveolar adenoma	(<50> (0%)	1	<49> (2%)	1	<50> (2%)	0	<50> (0%)
	bronchiolar—alveolar carcinoma	2	2	(4%)	1	(2%)	1	(2%)	1	(2%)
lematopoietic	system)									
mph node	histiocytic sarcoma			<50> (0%)	1	<49> (2%)	0	<50> (0%)	0	<50> (0%)
	malignant lymphoma	15	.5	(30%)	14	(29%)	15	(30%)	13	(26%)
oleen	histiocytic sarcoma	1		<50> (2%)	. 0	<49> (0%)	1	<49> (2%)	. 0	<50> (0%)
Digestive syst	em)									
ongue	squamous cell papilloma			<50> (2%)	0	<49> (0%)	0	<50> (0%)	0	<50> (0%)
tomach	squamous cell papilloma	;		<50> (4%)	0	<49> (0%)	1	<50> (2%)	1	<50> (2%)

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

)rgan		Group Name No. of animals on Study	Control 50		100 ppm 49		200 ppm 50		400 ppm 50
Digestive sys	tem}								
iver			<50>		<49>		<50>		<50>
	hemangioma	0	(0%)	1	(2%)	2	(4%)	1	(2%)
	hepatocellular adenoma	1	(2%)	5	(10%)	3	(6%)	3	(6%)
	histiocytic sarcoma	2	(4%)	0	(0%)	0	(0%)	2	(4%)
	hemangiosarcoma	. 0	(0%)	1	(2%)	2	(4%)	2	(4%)
all bladd			<50>		<49>		<50>		<50>
	papillary adenoma	0	(0%)	0	(0%)	0	(0%)	1	(2%)
ancreas	islet cell adenoma	1	<50> (2%)	1	<49> (2%)	0	<50> (0%)	0	<50> (0%)
	hemangiosarcoma								
.			(0%)	U	(0%)	U	(0%)	1.	(2%)
Endocrine sys	item)								
ituitary	adenoma	10	<50> (20%)	11	<48> (23%)	13	<50> (26%)	12	<50> (24%)
	adenocarcinoma		(0%)		(0%)		(0%)		(4%)
	adenocal Clifolia			U		U		4	4
drenal	pheochromocytoma	1	<50> (2%)	0	<49> (0%)	0	<50> (0%)	1	<50> (2%)
Reproductive	system)		,				, ,,,,		
ovary			<50>		<49>		(FA)		(FA)
valy	adenoma	1	(2%)	0	(0%)	0	<50> (0%)	3	<50> (6%)
<a>>	a : Number of animals examined at the site								

ANIMAL

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1

SEX : FEMALE

rgan	Findings	Group Name No. of animals on Study		Control 50		100 ppm 49		200 ppm 50		400 ppm 50
	arratan)									
Reproductive	system									
vary	hemangioma			<50> (0%)	0	<49> (0%)	. 0	<50> (0%)	1	<50> (2%)
	hemangiosarcoma		1	(2%)	0	(0%)	. 0	(0%)	. 0	(0%)
terus	histiocytic sarcoma		9	<50> (18%)	7	<49> (14%)	14	<50> (28%)	8	<50> (16%)
	hemangiosarcoma		0	(0%)	1	(2%)	0	(0%)	0	(0%)
agina	histiocytic sarcoma		0	<50> (0%)	1	<49> (2%)	0	<50> (0%)	0	<50> (0%)
ammary gl	adenocarcinoma		0	<50> (0%)	2	<49> (4%)	1	<50> (2%)	2	<50> (4 %)
Vervous syst	em)			~						
inal cord	histiocytic sarcoma		0	<50> (0%)	0	<49> (0%)	1	<50> (2%)	0	<50> (0%)
oriph nerv	histiocytic sarcoma		0	<50> (0%)	1	<49> (2%)	0	<50> (0%)	0	<50> (0%)
Special sens	e organs/appendage)									
arder gl	adenoma		1	<50> (2%)	0	<49> (0%)	3	<50> (6%)	2	<50> (4%)
Musculoskele	tal system)									
опе	osteosarcoma		0	<50> (0%)	0	<49> (0%)	0	<50> (0%)	1	<50> (2%)

STUDY NO. : 0676 ANIMAL

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1

: FEMALE SEX

PAGE: 8

Organ	Findings	Group Name No. of animals on Study	Control 50	100 ppm 49	200 ppm 50	400 ppm 50
Body cavities	s)					
ediastinum	malignant lymphoma		<50> 0 (0%)	<49> 0 (0%)	<50> 0 (0%)	<50> 1 (2%)
eritoneum	hemangioma	(<50> 0 (0%)	<49> 0 (0%)	<50> 1 (2%)	<50> 0 (0%)
	fibrosarcoma	,	0 (0%)	0 (0%)	1 (2%)	0 (0%)
	liposarcoma	•	0 (0%)	1 (2%)	0 (0%)	0 (0%)
<a>> (c)	a: Number of animals examined at the site b: Number of animals with neoplasm c:b/a*1	.00				
HPT085)						

BAIS4

TABLE 01

NEOPLASTIC LESIONS-INCIDENCE

AND STATISTICAL ANALYSIS: MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]
SEX : MALE PAGE: 1

Group Name	Control	100 ppm	200 ррш	400 ppm	
	SITE : lung				
umor rate	TUMOR : bronchiolar-alveola	r adenoma			
Overall rates(a)	4/50(8.0)	4/50(8.0)	3/49(6.1)	5/50(10.0)	
Adjusted rates(b)	10.00	12. 90	6. 82	11. 11	
Terminal rates(c)	3/30 (10. 0)	4/31(12.9)	2/34(5.9)	4/39(10.3)	
tatistical analysis	0,00(10.0)	1,01(15.5)	2,01(0:0)	1, 00 (10.0)	•
Peto test					
Standard method(d)	P =				
Prevalence method(d)	P = 0.4064				
Combined analysis(d)	P =				
Cochran-Armitage test(e)	P = 0.7224				
Fisher Exact test(e)	1 0.1221	P = 0.6425	P = 0.5114	P = 0.5000	
					·
	SITE : lung		eger		
	TUMOR : bronchiolar-alveola	r carcinoma			
umor rate					
Overall rates(a)	2/50 (4.0)	3/50(6.0)	2/49(4.1)	3/50(6.0)	
Adjusted rates(b)	6. 67	6. 45	4.88	4. 44	
Terminal rates(c)	2/30(6.7)	2/31 (6.5)	1/34(2.9)	1/39(2.6)	
tatistical analysis					
Peto test					
Standard method(d)	P = 0.2873				
Prevalence method(d)	P = 0.5093				
Combined analysis(d)	P = 0.4034				
Cochran-Armitage test(e)	P = 0.7406				
Fisher Exact test(e)		P = 0.5000	P = 0.6837	P = 0.5000	
	SITE : lung				
	<u> </u>	r adenoma, bronchiolar-alveolar carcinoma	,		
mor rate	. Dionomotal alveola	2 additional of the state of th	•		
Overall rates(a)	6/50(12.0)	7/50(14.0)	5/49(10.2)	8/50 (16. 0)	
Adjusted rates(b)	16. 67	19.35	5/49 (10. 2) 11. 36	15. 56	
Terminal rates(c)	5/30 (16. 7)	6/31(19.4)	3/34(8.8)	5/39(12.8)	
tatistical analysis	0,00(10.1)	0/31(13.4/	3/34(0.0)	0/ 35 (12. 6)	
Peto test					
Standard method(d)	P = 0.2873				•
Prevalence method(d)	P = 0. 4278				
Combined analysis(d)	P = 0.3628				•
Cochran-Armitage test(e)	P = 0.6162				
Fisher Exact test(e)		P = 0.5000	P = 0.5144	P = 0.3871	

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

SEX : MALE

Group Name Control 100 ppm 200 ppm 400 ppm SITE : lymph node TUMOR : malignant lymphoma Tumor rate Overall rates(a) 9/50(18.0) 6/50(12,0) 6/49 (12.2) 13/50 (26.0) Adjusted rates(b) 13.33 12.90 8.82 20.51 Terminal rates(c) 4/30(13.3) 4/31 (12.9) 3/34(8.8) 8/39 (20.5) Statistical analysis Peto test Standard method(d) P = 0.4453Prevalence method(d) P = 0.1713Combined analysis(d) P = 0.2188Cochran-Armitage test(e) P = 0.1805Fisher Exact test(e) P = 0.2883P = 0.3030P = 0.2348SITE : liver TUMOR : hepatocellular adenoma Tumor rate Overall rates(a) 6/50(12,0) 8/50(16.0) 18/49 (36.7) 10/50 (20.0) Adjusted rates(b) 13. 16 23.53 40.00 25, 00 Terminal rates(c) 3/30(10.0) 6/31 (19.4) 13/34(38.2) 9/39(23.1) Statistical analysis Peto test Standard method(d) P = 0.7256Prevalence method(d) P = 0.1235Combined analysis(d) P = 0.1708Cochran-Armitage test(e) P = 0.2163Fisher Exact test(e) P = 0.3871P = 0.0038**P = 0.2070SITE : liver TUMOR : hemangiosarcoma Tumor rate 6/50(12.0) Overall rates(a) 3/50(6.0) 3/49(6,1) 3/50(6.0) Adjusted rates(b) 10.00 6.45 2.94 4.65 Terminal rates(c) 3/30(10.0) 2/31(6.5) 1/34(2.9) 1/39(2.6) Statistical analysis Peto test Standard method(d) P = 0.6802Prevalence method(d) P = 0.8329Combined analysis(d) P = 0.8576Cochran-Armitage test(e) P = 0.3434Fisher Exact test(e) P = 0.2435P = 0.2536P = 0.2435

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

: MALE SEX

PAGE: Group Name Control 100 ppm 200 ppm 400 ppm SITE : liver TUMOR : hepatocellular carcinoma Tumor rate 5/50(10.0) Overall rates(a) 8/50(16.0) 4/49(8.2) 2/50(4.0) Adjusted rates(b) 6.06 22.58 11.76 2. 56 Terminal rates(c) 1/30(3.3) 7/31 (22.6) 4/34(11.8) 1/39(2.6) Statistical analysis Peto test Standard method(d) P = 0.8877Prevalence method(d) P = 0.9115Combined analysis(d) P = 0.9654Cochran-Armitage test(e) P = 0.1333Fisher Exact test(e) P = 0.2768P = 0.5130P = 0.2180SITE : liver TUMOR : hemangioma, hemangiosarcoma Tumor rate Overall rates(a) 8/50 (16.0) 3/50(6.0) 4/49(8.2) 4/50(8.0) Adjusted rates(b) 16.67 6.45 5.88 6.98 Terminal rates(c) 5/30(16.7) 2/31(6.5) 2/34(5.9) 2/39(5.1) Statistical analysis Peto test Standard method(d) P = 0.6802Prevalence method(d) P = 0.8621Combined analysis(d) P = 0.8820Cochran-Armitage test(e) P = 0.3111Fisher Exact test(e) P = 0.0999P = 0.1882P = 0.1783SITE : liver TUMOR : hepatocellular adenoma, hepatocellular carcinoma Tumor rate Overall rates(a) 10/50(20.0) 16/50(32.0) 19/49 (38.8) 11/50(22.0) Adjusted rates(b) 17.65 44.12 42.86 25.00 Terminal rates(c) 4/30(13.3) 13/31(41.9) 14/34(41.2) 9/39 (23.1) Statistical analysis Peto test Standard method(d) P = 0.9233Prevalence method(d) P = 0.4353Combined analysis(d) P = 0.6669Cochran-Armitage test(e) P = 0.9940Fisher Exact test(e) P = 0.1271P = 0.0331*P = 0.5000

3

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

SEX : MALE

PAGE:

4

Group Name	Control	100 ppm	200 ppm	400 ppm
	SITE : Harderian gland			
umor rate	TUMOR : adenoma			
Overall rates(a)	2/50(4,0)	4/50(8.0)	4/49(8.2)	4/50(8.0)
Adjusted rates(b)	5. 26	10. 26	11. 76	10. 26
Terminal rates(c)	0/30(0.0)	0/31(0.0)	4/34(11.8)	4/39(10.3)
tatistical analysis				
Peto test			•	
Standard method(d)	P =			
Prevalence method(d)	P = 0.2771			
Combined analysis(d)	P =			
Cochran-Armitage test(e)	P = 0.5108			
Fisher Exact test(e)	•	P = 0.3389	P = 0.3292	P = 0.3389

(a): Number of tumor-bearing animals/number of animals examined at the site.

(b): Kaplan-Meier estimated tumor incidence at the end of the study after adjusting for intercurrent mortality.

(c): Observed tumor incidence at terminal kill.

(d): Beneath the control incidence are the P-values associated with the trend test.

Standard method : Death analysis

Prevalence method: Incidental tumor test

Combined analysis: Death analysis + Incidental tumor test

(e): The Cochran-Armitage and Fisher exact test compare directly the overall incidence rates.

?: The conditional probabilities of the largest and smallest possible out comes can not estimated or this P-value is beyond the estimated P-value.

----: There is no data which should be statistical analysis.

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

N.C.: Statistical value cannot be calculated and was not significant.

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

SEX : MALE

PAGE:

SITE : ALL SITE TUMOR : histiocytic sarcoma Tumor rate Overall rates(a)	
Numor rate Overall rates(a) 3/50 (6.0) 2/50 (4.0) 2/49 (4.1) 4/50 (8.0)	
Overall rates(a) 3/50(6.0) 2/50(4.0) 2/49(4.1) 4/50(8.0) Adjusted rates(b) 0.0 0.0 0.0 7.69 Terminal rates(c) 0/30(0.0) 0/31(0.0) 0/34(0.0) 3/39(7.7) itatistical analysis Peto test Standard method(d) P = 0.8481 Prevalence method(d) P = 0.0067** Cochran-Armitage test(e) P = 0.5631 Fisher Exact test(e) P = 0.5000 P = 0.5097 P = 0.5000 SITE : ALL SITE TUMOR : malignant lymphoma Coverall rates(a) 9/50(18.0) 6/50(12.0) 7/49(14.3) 13/50(26.0)	
Adjusted rates(b) 0.0 0.0 0.0 7.69 Terminal rates(c) 0/30(0.0) 0/31(0.0) 0/34(0.0) 3/39(7.7) tatistical analysis Peto test Standard method(d) P = 0.8481 Prevalence method(d) P = 0.0067** Combined analysis(d) P = 0.3525 Cochran-Armitage test(e) P = 0.5631 Fisher Exact test(e) P = 0.5000 P = 0.5097 P = 0.5000 SITE : ALL SITE TUMOR : malignant lymphoma Sumor rate Overall rates(a) 9/50(18.0) 6/50(12.0) 7/49(14.3) 13/50(26.0)	
Terminal rates(c) 0/30(0.0) 0/31(0.0) 0/34(0.0) 3/39(7.7) tatistical analysis Peto test Standard method(d) P = 0.8481 Prevalence method(d) P = 0.0067** Combined analysis(d) P = 0.3525 Cochran-Armitage test(e) P = 0.5631 Fisher Exact test(e) P = 0.5000 P = 0.5097 P = 0.5000 SITE : ALL SITE TUMOR : malignant lymphoma umor rate Overall rates(a) 9/50(18.0) 6/50(12.0) 7/49(14.3) 13/50(26.0)	
tatistical analysis Peto test Standard method(d)	
Peto test Standard method(d)	
Standard method(d)	
Prevalence method(d)	•
Combined analysis(d) P = 0.3525 Cochran-Armitage test(e) P = 0.5631 Fisher Exact test(e) P = 0.5000 P = 0.5097 P = 0.5000 SITE : ALL SITE TUMOR : malignant lymphoma umor rate Overall rates(a) 9/50(18.0) 6/50(12.0) 7/49(14.3) 13/50(26.0)	
Cochran-Armitage test(e) P = 0.5631 Fisher Exact test(e) P = 0.5000 P = 0.5097 P = 0.5000 SITE : ALL SITE TUMOR : malignant lymphoma umor rate Overall rates(a) 9/50(18.0) 6/50(12.0) 7/49(14.3) 13/50(26.0)	
Fisher Exact test(e) P = 0.5000 P = 0.5097 P = 0.5000 SITE : ALL SITE TUMOR : malignant lymphoma umor rate Overall rates(a) 9/50(18.0) 6/50(12.0) 7/49(14.3) 13/50(26.0)	
SITE : ALL SITE TUMOR : malignant lymphoma umor rate Overall rates(a) 9/50(18.0) 6/50(12.0) 7/49(14.3) 13/50(26.0)	
TUMOR : malignant lymphoma umor rate Overall rates(a) 9/50(18.0) 6/50(12.0) 7/49(14.3) 13/50(26.0)	
Overall rates(a) 9/50(18.0) 6/50(12.0) 7/49(14.3) 13/50(26.0)	
Adjusted rates(b) 13.33 12.90 11.76 20.51	
Terminal rates(c) 4/30(13.3) 4/31(12.9) 4/34(11.8) 8/39(20.5)	
tatistical analysis	
Peto test	
Standard method(d) $P = 0.4453$	
Prevalence method(d) $P = 0.1723$	
Combined analysis(d) $P = 0.2180$	
Cochran-Armitage test(e) P = 0.1752	
Fisher Exact test(e) $P = 0.2383$ $P = 0.4101$ $P = 0.2348$	
T360A)	

⁽a): Number of tumor-bearing animals/number of animals examined at the site.

Standard method : Death analysis

Prevalence method: Incidental tumor test

Combined analysis: Death analysis + Incidental tumor test

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

⁽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.

⁽e): The Cochran-Armitage and Fisher exact test compare directly the overall incidence rates.

^{?:} The conditional probabilities of the largest and smallest possible out comes can not estimated or this P-value is beyond the estimated P-value.

^{----:} There is no data which should be statistical analysis.

N.C.: Statistical value cannot be calculated and was not significant.

TABLE O2

NEOPLASTIC LESIONS-INCIDENCE

AND STATISTICAL ANALYSIS: FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

SEX : FEMALE

PAGE: 5 Group Name Control 100 ppm 200 ppm 400 ppm SITE : lymph node TUMOR : malignant lymphoma Tumor rate Overall rates (a) 15/50 (30.0) 14/49(28.6) 15/50 (30.0) 13/50(26.0) Adjusted rates (b) 25.81 18.52 34.62 20.59 8/31(25.8) 5/27(18.5) 9/26 (34.6) 7/34(20.6) Terminal rates(c) Statistical analysis Peto test Standard method(d) P = 0.6912Prevalence method(d) P = 0.5969Combined analysis(d) P = 0.7065Cochran-Armitage test(e) P = 0.6748Fisher Exact test(e) P = 0.5259P = 0.5862P = 0.4120SITE : liver TUMOR : hepatocellular adenoma Tumor rate Overall rates(a) 1/50(2.0) 5/49 (10.2) 3/50(6.0) 3/50(6,0) Adjusted rates (b) 3, 23 18.52 10.00 8.82 Terminal rates(c) 1/31(3.2) 5/27(18.5) 2/26(7.7) 3/34(8.8) Statistical analysis Peto test P = ----Standard method(d) Prevalence method(d) P = 0.3705P = -----Combined analysis(d) Cochran-Armitage test(e) P = 0.6944Fisher Exact test(e) P = 0.0976P = 0.3087P = 0.3087SITE : liver TUMOR: hemangioma, hemangiosarcoma Tumor rate Overall rates(a) 0/50(0.0)2/49(4.1) 4/50(8.0) 3/50(6.0) Adjusted rates(b) 15.38 0.0 7.41 8, 82 Terminal rates(c) 0/31(0.0) 2/27(7.4) 4/26(15.4) 3/34(8.8) Statistical analysis Peto test Standard method(d) P = ----Prevalence method(d) P = 0.1100Combined analysis(d) P = -----Cochran-Armitage test(e) P = 0.1524Fisher Exact test(e) $\dot{P} = 0.2424$

P = 0.0587

P = 0.1212

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

SEX : FEMALE

Group Name Control 100 ppm 200 ppm 400 ppm SITE : liver TUMOR : hepatocellular adenoma, hepatocellular carcinoma Tumor rate Overall rates(a) 1/50(2.0) 5/49 (10.2) 3/50(6.0) 3/50(6.0) 3.23 Adjusted rates (b) 18.52 10.00 8.82 1/31(3,2) 5/27(18.5) Terminal rates(c) 2/26(7.7) 3/34(8.8) Statistical analysis Peto test Standard method(d) P = ----Prevalence method(d) P = 0.3705Combined analysis(d) P = .----P = 0.6944Cochran-Armitage test(e) Fisher Exact test(e) P = 0.0976P = 0.3087P = 0.3087SITE : pituitary gland TUMOR : adenoma Tumor rate 10/50 (20.0) 11/48(22.9) 13/50(26.0) Overall rates(a) 12/50(24.0) Adjusted rates(b) 29, 03 39.29 33.33 27.91 Terminal rates(c) 9/31(29.0) 10/27(37.0) 8/26(30.8) 7/34(20.6) Statistical analysis Peto test Standard method(d) P = 0.4099Prevalence method(d) P = 0.3709Combined analysis(d) P = 0.3632P = 0.6379Cochran-Armitage test(e) Fisher Exact test(e) P = 0.4577P = 0.3176P = 0.4048SITE : pituitary gland TUMOR : adenoma, adenocarcinoma Tumor rate Overall rates (a) 10/50 (20.0) 11/48(22.9) 13/50 (26.0) 14/50(28.0) Adjusted rates (b) 29.03 39. 29 33, 33 30, 23 Terminal rates(c) 9/31(29.0) 10/27(37.0) 8/26(30.8) 8/34(23.5) Statistical analysis Peto test Standard method(d) P = 0.1406Prevalence method(d) P = 0.2827Combined analysis(d) P = 0.2030Cochran-Armitage test(e) P = 0.3347Fisher Exact test(e) P = 0.4577P = 0.3176P = 0.2415

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

STUDY No. : 0676
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

SEX : FEMALE

PAGE: 7

Tumor rate Overall rates(a) Adjusted rates(b) Terminal rates(c) Statistical analysis Peto test Standard method(d) Prevalence method(d)	TITE : ovary UMOR : adenoma 1/50(2.0)	0/49(0.0) 0.0 0/27(0.0)	0/50(0.0) 0.0 0/26(0.0)	3/50(6.0) 7.50 1/34(2.9)	
Tumor rate Overall rates(a) Adjusted rates(b) Terminal rates(c) Statistical analysis Peto test Standard method(d) Prevalence method(d)	1/50 (2.0) 3.23 1/31 (3.2) P =	0.0	0.0	7. 50	
Overall rates(a) Adjusted rates(b) Terminal rates(c) Statistical analysis Peto test Standard method(d) Prevalence method(d)	3. 23 1/31 (3. 2) P = P = 0. 0564	0.0	0.0	7. 50	
Adjusted rates(b) Terminal rates(c) Statistical analysis Peto test Standard method(d) Prevalence method(d)	3. 23 1/31 (3. 2) P = P = 0. 0564	0.0	0.0	7. 50	
Terminal rates(c) Statistical analysis Peto test Standard method(d) Prevalence method(d)	1/31 (3. 2) P = P = 0.0564				
tatistical analysis Peto test Standard method(d) Prevalence method(d)	P = P = 0.0564	0/27(0.0)	0/26(0.0)	1/34(2.9)	
Peto test Standard method(d) Prevalence method(d)	P = 0.0564				
Standard method(d) Prevalence method(d)	P = 0.0564				
Prevalence method(d)	P = 0.0564				
	P =				
	P = 0.0893				
Fisher Exact test(e)		P = 0.5051	P = 0.5000	P = 0.3087	
	ITE : uterus				
	UMOR : histiocytic sarcoma				
Cumor rate					
Overall rates(a)	9/50(18.0)	7/49(14.3)	14/50(28.0)	8/50(16.0)	
Adjusted rates(b)	3. 23	14. 81	3. 85	5. 88	
Terminal rates(c)	1/31 (3. 2)	4/27(14.8)	1/26(3.8)	2/34(5.9)	
tatistical analysis			-		
Peto test					
	P = 0.4707				
	P = 0.5451				
	P = 0.4987		•		
	P = 0.9654				
Fisher Exact test(e)		P = 0.4101	P = 0.1710	P = 0.5000	

BAIS4

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1] SEX

: FEMALE

PAGE

E	:		

Group Name	Control	100 ppm	200 ррш	400 ppm	
	SITE : Harderian gland TUMOR : adenoma				
Tumor rate					
Overall rates(a)	1/50(2.0)	0/49(0.0)	3/50(6.0)	2/50(4.0)	
Adjusted rates(b)	2. 44	0. 0	8. 57	4. 44	
Terminal rates(c)	0/31(0.0)	0/27(0.0)	2/26(7.7)	1/34(2.9)	
Statistical analysis					
Peto test					
Standard method(d)	P =				
Prevalence method(d)	P = 0.1767				
Combined analysis(d)	P =				
Cochran-Armitage test(e)	P = 0.3306				
Fisher Exact test(e)		P = 0.5051	P = 0.3087	P = 0.5000	
(HPT360A)					BAIS4

(a): Number of tumor-bearing animals/number of animals examined at the site.

(b): Kaplan-Meier estimated tumor incidence at the end of the study after adjusting for intercurrent mortality.

(c): Observed tumor incidence at terminal kill.

(d): Beneath the control incidence are the P-values associated with the trend test.

Standard method : Death analysis

Prevalence method: Incidental tumor test

Combined analysis: Death analysis + Incidental tumor test

(e): The Cochran-Armitage and Fisher exact test compare directly the overall incidence rates.

?: The conditional probabilities of the largest and smallest possible out comes can not estimated or this P-value is beyond the estimated P-value.

----: There is no data which should be statistical analysis.

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

N.C.: Statistical value cannot be calculated and was not significant.

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

SEX : FEMALE

PAGE:

2

Group Name	Control	100 ppm	200 ppm	400 ppm
	SITE : ALL SITE			
	TUMOR : histiocytic sarcoma			
umor rate	•			
Overall rates(a)	12/50 (24, 0)	10/49(20.4)	16/50(32.0)	10/50(20.0)
Adjusted rates(b)	9. 68	14. 81	3.85	8. 82
Terminal rates(c)	3/31(9.7)	4/27(14.8)	1/26(3.8)	3/34(8.8)
tatistical analysis	0,01(0)	1, 2, (11, 0,	1, 25 (0.0)	0,01(0.0)
Peto test				
Standard method(d)	P = 0.5317			
Prevalence method(d)	P = 0.6540		•	
Combined analysis(d)	P = 0, 6053			
Cochran-Armitage test(e)	P = 0.8073			
Fisher Exact test(e)		P = 0.4258	P = 0.2522	P = 0.4048
	SITE : ALL SITE TUMOR : malignant lymphoma			
umor rate	TOMOR . mail grant lymphoma			
Overall rates(a)	15/50(30.0)	14/49(28.6)	15/50(30.0)	13/50(26.0)
Adjusted rates(b)	25. 81	18, 52	34. 62	20.59
Terminal rates(c)	8/31(25.8)	5/27(18.5)	9/26(34.6)	7/34(20.6)
tatistical analysis	0,02(2000)	0, 21 (25. 0)	0, 80 (01. 0)	1701(20.0)
Peto test				
Standard method(d)	P = 0.6912	· ·		
Prevalence method(d)	P = 0.5969			
Combined analysis(d)	P = 0.7065			
Cochran-Armitage test(e)	P = 0.6748			
Fisher Exact test(e)		P = 0.5259	P = 0.5862	P = 0.4120
TOROL BAGOV COOP(C)		1 0.0200	1 - 0.0002	1 - 0.4120

⁽a): Number of tumor-bearing animals/number of animals examined at the site.

Standard method : Death analysis

Prevalence method: Incidental tumor test

Combined analysis : Death analysis + Incidental tumor test

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

⁽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.

⁽e): The Cochran-Armitage and Fisher exact test compare directly the overall incidence rates.

^{?:} The conditional probabilities of the largest and smallest possible out comes can not estimated or this P-value is beyond the estimated P-value.

[:] There is no data which should be statistical analysis.

N.C.: Statistical value cannot be calculated and was not significant.

TABLE P1

HISTOPATHOLOGICAL FINDINGS:

METASTASIS OF TUMOR:

MALE

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX : MALE

ANIMAL

Group Name Control 100 ppm 200 ppm 400 ppm 50 50 50 No. of Animals on Study Findings_ {Integumentary system/appandage} subcutis <50> <50> <49> <50> metastasis:peritoneum tumor (Respiratory system) nasal cavit <50> <50> <49> <50> leukemic cell infiltration 0 1 0 metastasis:spleen tumor <50> <50> larynx <49> <50> leukemic cell infiltration 0 0 0 <50> <50> lung <49> <50> leukemic cell infiltration 3 metastasis:liver tumor metastasis:subcutis tumor 1 0 metastasis:bone tumor metastasis:pleura tumor metastasis:mediastinum tumor metastasis:lymph node tumor 1 0 {Hematopoietic system} <50> bone marrow <50> **<49>** <50> leukemic cell infiltration 2 1 metastasis:liver tumor 0 0 <a>> a : Number of animals examined at the site b: Number of animals with lesion

SEX

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

ANIMAL REPORT TYPE: A1

: MALE

Organ	Findings	Group Name No. of Animals on Study	Control 50	100 ppm 50	200 ppm 49	400 ppm 50
	-					
{Hematopoietic	c system)					
bone marrow	metastasis spleen tumor		<50> 1	<50> 0	< 4 9>	<50> 0
lymph node	metastasis:spleen tumor		<50> 1	<50> 0	<49>	<50> 0
spleen	leukemic cell infiltration		<50> 5	<50> 4	<49> 3	<50> 9
	metastasis:liver tumor		1	1	0 .	0
	metastasis:lymph node tumor		0	0	0	1
{Circulatory	system}					
heart	leukemic cell infiltration		<50> 1	<50> 0	<49> 0	<50> 0
	metastasis:pleura tumor		0	0	1	0 .
{Digestive sys	stem)					
tongue	leukemic cell infiltration		<50> · · · · · · · · · · · · · · · · · · ·	<50> 0	<49>	<50> 0
salivary gl	leukemic cell infiltration		<50> 1	<50> 1	<49>	<50> 2
stomach	leukemic cell infiltration		<50> 0	<50> 0	<49> 1	<50> 0
	metastasis:spleen tumor		1	0	0	0
small intes	leukemic cell infiltration		<50> 2	<50> 0	<49>	<50> 1
⟨ a ⟩ b	a: Number of animals examined at the b: Number of animals with lesion	site				

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1] HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY)

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX : MALE SEX

Organ	Findings	Group Name Control No. of Animals on Study 50	100 ppm 50	200 ppm 49	400 ppm 50
{Digestive sys	stem)			,	
small intes	metastasis:liver tumor	<50> 1	<50> 0	<49>	<50> 0
	metastasis:subcutis tumor	0	1	0	0
	metastasis:lymph node tumor	0	. 0	0	1
large intes	leukemic cell infiltration	<50> 0	<50> 0	<49> 1	<50> 0
iver	leukemic cell infiltration	<50> 2	<50> 2	<49> 3	<50> 3
	metastasis:subcutis tumor	0	1	0	0
	metastasis:mammary gland tumor	1	0	0	0
	metastasis:spleen tumor	1	0	0	0
	metastasis:lymph node tumor	1	0	0	0
ancreas	leukemic cell infiltration .	<50> 0	<50> 1	<49>	<50> 2
	metastasis:subcutis tumor	0	. 1	0	0
Urinary syste	em)				
tidney	leukemic cell infiltration	<50>. 1	<50> 2	<49>	<50> 2
	metastasis:liver tumor	0	0	1	0 .
	metastasis:mammary gland tumor	· 1	0	0	0
(a >	a: Number of animals examined at the s b: Number of animals with lesion	ite			

ANIMAL

: 0676

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR (SUMMARY)

PAGE: 4

ALL ANIMALS (0-105W)

REPORT TYPE : A1 SEX : MAI

: MALE

Group Name Control 100 ppm 200 ppm 400 ppm No. of Animals on Study 50 50 Findings_ {Urinary system} <50> <50> **〈49〉** <50> kidney metastasis:spleen tumor 0 0 0 urin bladd <50> <50> **<49>** <50> leukemic cell infiltration 1 (Endocrine system) adrenal <50> <50> <49> <50> leukemic cell infiltration 0 metastasis:liver tumor metastasis: subcutis tumor metastasis:pleura tumor (Reproductive system) epididymis <50> <50> <49> ⟨50⟩ metastasis:liver tumor 0 metastasis:urinary bladder tumor 0 <50> semin ves <50> **<49>** <50> leukemic cell infiltration 0 0 metastasis:subcutis tumor 0 1 0 0 prostate <50> <50> <49> <50> leukemic cell infiltration 1 {Nervous system} brain <50> <50> **<49>** <50> leukemic cell infiltration 0 0 1

< a >

a : Number of animals examined at the site

b b: Number of animals with lesion

STUDY NO. : 0676
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1

HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR (SUMMARY)

ALL ANIMALS (0-105W)

SEX : MALE PAGE: 5

		Group Name No. of Animals on Study	Control 50	100 ppm 50	200 ppm 49	400 ppm 50
Organ	Findings					
					:	
{Nervous syst	cem)	•				
spinal cord	leukemic cell infiltration		<50> 0	<50> 0	<49> 0	<50> 1
{Special sens	se organs/appendage)					
Harder gl	leukemic cell infiltration		<50> 1	<50> 1	<49> 0	<50> 0
{Musculoskele	etal system)					
bone	metastasis:spleen tumor		<50> 1	<50> 0	<49> 0	<50> 0
{Body cavitie	99)					
peritoneum	metastasis:liver tumor		<50> 0	<50> 0	<49> 0	<50> 1
	metastasis:subcutis tumor		0	1	0	0
	metastasis:pleura tumor		0	0	1	0
<a>→ . b	a: Number of animals examined at b: Number of animals with lesion	the site			·	
(IPT150)						R

(JPT150)

BAIS4

TABLE P2

HISTOPATHOLOGICAL FINDINGS:

METASTASIS OF TUMOR:

FEMALE

ANIMAL : MOUSE B6D2F1/Crlj[Crj;BDF1]

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

REPORT TYPE : A1

SEX : FEMALE

		Group Name No. of Animals on Study	Control 50	100 ppm 49	200 ppm 50	400 ppm 50
rgan	Findings	<u> </u>				
(ntegumentar	y system/appandage)					
	y Sylvesty appartiage)					
kin/app	leukemic cell infiltration		<50> 2	<49> 1	<50> 0	<50> 0
ubcutis	leukemic cell infiltration		<50> 1	<49>	<50> °	<50> 0
	metastasis:lung tumor		1	0	0	0
Respiratory	system)					
asal cavit			<50>	<49>	<50>	<50>
	leukemic cell infiltration		2	1	0	1
	metastasis:uterus tumor		0	1	2	0
	metastasis peripheral nerve tumor		0	1	0 .	0
агупх			<50>	<49>	<50>	<50>
	leukemic cell infiltration		4 .	0	2	0
rachea			<50>	<49>	<50>	<50>
	leukemic cell infiltration		1 .	0	0	1
ing			<50>	<49>	<50>	<50>
	leukemic cell infiltration		12	9	10	8
	metastasis:liver tumor		0	0	0	1
	metastasis:uterus tumor		7	3	9	6
	metastasis:peripheral nerve tumor		0	1	0	0
Hematopoieti	c system)					
one marrow			<50>	·· <49>	<50>	<50>
	leukemic cell infiltration		6	4	2	6
< a >	a : Number of animals examined at the b : Number of animals with lesion	e site				

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

REPORT TYPE : A1 SEX : FEMALE HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR (SUMMARY)

ALL ANIMALS (0-105W)

PAGE: 7 Group Name Control 100 ppm 200 ppm 400 ppm No. of Animals on Study 50 50 50 Findings_ Organ_ {Hematopoietic system} bone marrow <50> <49> <50> <50> metastasis:liver tumor 0 metastasis:uterus tumor 4 2 lymph node <50> <49> <50> <50> metastasis:uterus tumor 1 metastasis:peritoneum tumor metastasis:subcutis tumor 0 0 0 spleen <50> **〈49〉** ⟨50⟩ <50> leukemic cell infiltration 10 7 metastasis:liver tumor metastasis:uterus tumor metastasis:ovary tumor metastasis:lymph node tumor {Circulatory system} heart <50> **〈49〉** <50> <50> leukemic cell infiltration metastasis:uterus tumor (Digestive system) tongue <50> **〈49〉** <50> <50> leukemic cell infiltration 4 1 2 1 < a > a: Number of animals examined at the site b b: Number of animals with lesion

ANIMAL : MOUSE

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

REPORT TYPE : A1

SEX : FEMALE

		Group Name No. of Animals on Study	Control 50	100 ppm	200 ppm 50	400 ppm
)rgan	Findings	No. of Animals on Study	50	49	50	50
					· · · · · · · · · · · · · · · · · · ·	
(Digestive sys	tem)					
salivary gl	leukemic cell infiltration		<50> 3	<49>	<50> 0	<50> 2
stomach			<50>	<49>	<50>	<50>
	leukemic cell infiltration		5	0	0	1
	metastasis:liver tumor		1 .	0	0	0
small intes	leukemic cell infiltration		<50> 0	<49>	<50> 3	<50> 2
large intes	leukemic cell infiltration		<50> 1	<49> 0	<50> 0	<50> 1
liver	leukemic cell infiltration		<50>	<49> 9	<50> 8	<50>
	metastasis:uterus tumor		9	5	13	6
	metastasis:spleen tumor		1	0	1	0
	metastasis:spinal cord tumor		0	0	1	0
	metastasis:lymph node tumor		0	1	0	0
gall bladd	leukemic cell infiltration		<50> 1	<49> 0	<50> 0	<50> 0
pancreas	leukemic cell infiltration		<50>	<49> 4	<50> 1	<50>
	metastasis:uterus tumor		1	0	1	0
	metastasis: subcutis tumor		0	1	0	. 0
Urinary syste	om)	.				
cidney	leukemic cell infiltration		<50>	<49>	<50>	<50≻

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

h

b: Number of animals with lesion

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

ANIMAL REPORT TYPE : A1

: FEMALE SEX PAGE: 9

		Group Name No. of Animals on Study	Control 50	100 ppm 49	200 ppm 50	400 ppm 50
Organ	Findings					
{Urinary syste	em}					
kidney	metastasis:uterus tumor		<50> 1	<49> 1	<50> 3	<50> 0
	metastasis:subcutis tumor	,	0	1	0	. 0
urin bladd	leukemic cell infiltration		<50> 4	<49> 2	<50> 2	<50> 3
{Endocrine sys	stem)					
pituitary	metastasis:uterus tumor		<50> 0	<49> 0	<50> 1	<50> 0
	metastasis:peripheral nerve tumor		0	1	0	0
thyroid	leukemic cell infiltration		<50> 4	<49>	<50> 0	<50> 0
adrenal	leukemic cell infiltration		<50> 3	<49>	<50> 0	<50> 2
	metastasis:uterus tumor		0	0	2	1
{Reproductive	system)					
ovary	leukemic cell infiltration		<50> 8	<49>	<50> 7	<50> 3
	metastasis:liver tumor		. 1	0	0 .	0
	metastasis:uterus tumor		9	4	9	3
	metastasis:peritoneum tumor		0	0	1 .	0
< a > b	a : Number of animals examined at the s b : Number of animals with lesion	site				

STUDY NO. : 0676
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

REPORT TYPE: A1 SEX

: FEMALE

Organ	Findings	Group Name No. of Animals on Study	Control 50	100 ppm 49	200 ppm 50	400 ppm 50
Reproductive s	system)					
ıterus			<50>	<49>	<50 >	<50>
	leukemic cell infiltration		3	1	2	2
	metastasis:peritoneum tumor		0	0	1	0
agina (<50>	<49>	<50>	<50>
	leukemic cell infiltration		2	0	1	0
	metastasis:peritoneum tumor		0	0	1	0
Nervous system	n) ,					
orain			<50>	<49>	<50>	<50>
	leukemic cell infiltration		2	. 1	0	. 1
	metastasis:pituitary tumor		0	0	0	2
	metastasis:peripheral nerve tumor		0	1	0	0
spinal cord			<50>	<49>	<50>	<50>
	leukemic cell infiltration		1	0	0	1
(Special sense	organs/appendage)					
Harder gl			<50>	<49>	<50>	<50>
	leukemic cell infiltration		2	1	1	0
Musculoskeleta	al system)					
nuscle	1 1 2 11 2 21		<50>	<49>	<50>	<50>
	leukemic cell infiltration		1	2	0	0
(Body cavities)	•					
peritoneum			<50>	<49>	<50>	<50>
	leukemic cell infiltration		0	0	1	2

< a >

a: Number of animals examined at the site

b

b: Number of animals with lesion

SEX

: MOUSE B6D2F1/Cr1j[Crj:BDF1]

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

ANIMAL REPORT TYPE : A1

: FEMALE

organ		Group Name No. of Animals on Study	Control 50	100 ppm 49	200 ppm 50	400 ppm 50
·						
ody cavitie	us}					
itoneum	metastasis:liver tumor		<50> 1	<49>	<50> 0	<50> 0
	metastasis uterus tumor		1	0	0	0
· >	a: Number of animals examined at the si b: Number of animals with lesion	te				· .
PT150)						

TABLE Q1

CAUSE OF DEATH: MALE

STUDY NO. : 0676
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]

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

SEX

: MALE

Group Name	Control	100 ppm	200 ppm	400 ppm		
Number of Dead and Moribund Animal	20	19	15	11		
no microscop confirm	1	0	1	1		
renal lesion	0	1	1	0		
urinary retention	3	4	2	0		
hydronephrosis	1	5	2	0		
tumor d:leukemia	. 5	2	3	5		
tumor d:subcutis	0	1	1	1		
tumor d:lung	0	1	0	1		
tumor d:lymph node	1	. 0	0	0		
tumor d:spleen	1	0	0	0		
tumor d:liver	8	3	4	3		
tumor d:pituitary	0	1	0	0		
tumor d:bone	0	1	0	0		
tumor d:pleura	0	0	1	0		•

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${\rm TABLE}\;{\rm Q2}$

CAUSE OF DEATH: FEMALE

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

COUSE OF DEATH (SUMMARY)

(0-105W)

SEX : FEMALE

100 ppm Group Name Control 200 ppm 400 ppm 22 Number of Dead and 19 24 16 Moribund Animal 2 0 no microscop confirm renal lesion 0 0 urinary retention hydronephrosis tumor d:leukemia tumor d:subcutis tumor d:lung tumor d:lymph node tumor d:spleen tumor d:liver tumor d:pituitary tumor d:ovary tumor d:uterus 13 tumor d:vagina tumor d:spinal cord tumor d:periph nerv tumor d:bone 0 tumor d:peritoneum 0 1 0

PAGE: 2

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