

2-アミノエタノールのマウスを用いた  
経口投与によるがん原性試験（混水試験）報告書

試験番号：0642

# TABLES

## TABLES

TABLE A 1 SURVIVAL ANIMAL NUMBERS: MALE

TABLE A 2 SURVIVAL ANIMAL NUMBERS: FEMALE

TABLE B 1 CLINICAL OBSERVATION: MALE

TABLE B 2 CLINICAL OBSERVATION: FEMALE

TABLE C 1 BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS:  
MALE

TABLE C 2 BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS:  
FEMALE

TABLE C 3 BODY WEIGHT CHANGES: MALE

TABLE C 4 BODY WEIGHT CHANGES: FEMALE

TABLE D 1 FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL  
NUMBERS: MALE

TABLE D 2 FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL  
NUMBERS: FEMALE

TABLE D 3 FOOD CONSUMPTION CHANGES: MALE

TABLE D 4 FOOD CONSUMPTION CHANGES: FEMALE

TABLE E 1 WATER CONSUMPTION CHANGES AND SURVIVAL ANIMAL  
NUMBERS: MALE

TABLE E 2 WATER CONSUMPTION CHANGES AND SURVIVAL ANIMAL  
NUMBERS: FEMALE

TABLE E 3 WATER CONSUMPTION CHANGES: MALE

TABLE E 4 WATER CONSUMPTION CHANGES: FEMALE

TABLE F 1 CHEMICAL INTAKE CHANGES: MALE

TABLE F 2 CHEMICAL INTAKE CHANGES: FEMALE

## TABLES (CONTINUED)

TABLE G 1    HEMATOLOGY: MALE

TABLE G 2    HEMATOLOGY: FEMALE

TABLE H 1    BIOCHEMISTRY: MALE

TABLE H 2    BIOCHEMISTRY: FEMALE

TABLE I 1    URINALYSIS: MALE

TABLE I 2    URINALYSIS: FEMALE

TABLE J 1    GROSS FINDINGS: MALE: ALL ANIMALS

TABLE J 2    GROSS FINDINGS: MALE : DEAD AND MORIBUND ANIMALS

TABLE J 3    GROSS FINDINGS: MALE: SACRIFICED ANIMALS

TABLE J 4    GROSS FINDINGS: FEMALE: ALL ANIMALS

TABLE J 5    GROSS FINDINGS: FEMALE: DEAD AND MORIBUND ANIMALS

TABLE J 6    GROSS FINDINGS: FEMALE: SACRIFICED ANIMALS

TABLE K 1    ORGAN WEIGHT, ABSOLUTE: MALE

TABLE K 2    ORGAN WEIGHT, ABSOLUTE: FEMALE

TABLE L 1    ORGAN WEIGHT, RELATIVE: MALE

TABLE L 2    ORGAN WEIGHT, RELATIVE: FEMALE

TABLE M 1    HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS:  
MALE: ALL ANIMALS

TABLE M 2    HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS:  
MALE: DEAD AND MORIBUND ANIMALS

TABLE M 3    HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS:  
MALE: SACRIFICED ANIMALS

## TABLES (CONTINUED)

TABLE M 4 HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS:  
FEMALE: ALL ANIMALS

TABLE M 5 HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS:  
FEMALE: DEAD AND MORIBUND ANIMALS

TABLE M 6 HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS:  
FEMALE: SACRIFICED ANIMALS

TABLE N 1 NUMBER OF ANIMALS WITH TUMORS AND NUMBER OF  
TUMORS-TIME RELATED: MALE

TABLE N 2 NUMBER OF ANIMALS WITH TUMORS AND NUMBER OF  
TUMORS-TIME RELATED: FEMALE

TABLE O 1 HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS:  
MALE

TABLE O 2 HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS:  
FEMALE

TABLE P 1 NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS:  
MALE

TABLE P 2 NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS:  
FEMALE

TABLE Q 1 HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR:  
MALE

TABLE Q 2 HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR:  
FEMALE

TABLE R 1 HISTORICAL CONTROL DATA OF SELECTED NEOPLASTIC  
LESIONS IN JAPAN BIOASSAY RESEARCH CENTER: B6D2F1/Crlj  
MALE MICE

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

## TABLES (CONTINUED)

TABLE S 1 CAUSE OF DEATH: MALE

TABLE S 2 CAUSE OF DEATH: FEMALE

TABLE A 1

SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]  
REPORT TYPE : A1 104  
SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 1

Group Name	Animals At start	Administration (Weeks)													
		0	1	2	3	4	5	6	7	8	9	10	11	12	13
Control	50	50/50	50/50	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
800 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
2000 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
5000 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	100.0	98.0	98.0	98.0	98.0	98.0	98.0
Number of survival/ Number of effective animals Survival rate(%)															

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BA1S4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104  
SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 2

Group Name	Animals At start	Administration (Weeks)													
		14	15	16	17	18	19	20	21	22	23	24	25	26	27
Control	50	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0
800 ppm	50	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0
2000 ppm	50	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0
5000 ppm	50	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0
Number of survival/ Number of effective animals Survival rate(%)															
(HAN360)															

BALS4



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104  
 SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 3

Group Name	Animals At start	Administration (Weeks)													
		28	29	30	31	32	33	34	35	36	37	38	39	40	41
Control	50	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0
800 ppm	50	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0
2000 ppm	50	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0	50/50 100.0
5000 ppm	50	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0	49/50 98.0
Number of survival/ Number of effective animals Survival rate(%)															
(HAN360)															

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STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104  
 SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 5

Group Name	Animals At start	Administration (Weeks)													
		56	57	58	59	60	61	62	63	64	65	66	67	68	69
Control	50	50/50	50/50	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
800 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
2000 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
5000 ppm	50	45/50	45/50	45/50	45/50	45/50	44/50	44/50	43/50	43/50	43/50	43/50	43/50	42/50	42/50
		90.0	90.0	90.0	90.0	90.0	88.0	88.0	86.0	86.0	86.0	86.0	86.0	84.0	84.0
Number of survival/ Number of effective animals															
Survival rate(%)															

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BA1S4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104  
SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 6

Group Name	Animals At start	Administration (Weeks)													
		70	71	72	73	74	75	76	77	78	79	80	81	82	83
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	49/50	49/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0	98.0	98.0	98.0	98.0
800 ppm	50	48/50	48/50	48/50	48/50	47/50	47/50	47/50	47/50	47/50	47/50	47/50	46/50	45/50	45/50
		96.0	96.0	96.0	96.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	92.0	90.0	90.0
2000 ppm	50	50/50	49/50	49/50	49/50	49/50	49/50	49/50	48/50	47/50	46/50	45/50	45/50	45/50	45/50
		100.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0	94.0	92.0	90.0	90.0	90.0
5000 ppm	50	42/50	42/50	42/50	42/50	42/50	42/50	42/50	42/50	42/50	41/50	41/50	39/50	39/50	39/50
		84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	82.0	82.0	78.0	78.0
Number of survival/ Number of effective animals Survival rate(%)															

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Group Name	Animals At start	Administration (Weeks)													
		84	85	86	87	88	89	90	91	92	93	94	95	96	97
Control	50	49/50 98.0	49/50 98.0	48/50 96.0	48/50 96.0	47/50 94.0	47/50 94.0	47/50 94.0	47/50 94.0	46/50 92.0	46/50 92.0	46/50 92.0	46/50 92.0	45/50 90.0	45/50 90.0
800 ppm	50	44/50 88.0	44/50 88.0	44/50 88.0	43/50 86.0	43/50 86.0	42/50 84.0	42/50 84.0	41/50 82.0	40/50 80.0	40/50 80.0	39/50 78.0	38/50 76.0	37/50 74.0	37/50 74.0
2000 ppm	50	44/50 88.0	43/50 86.0	43/50 86.0	43/50 86.0	43/50 86.0	42/50 84.0	42/50 84.0	42/50 84.0	42/50 84.0	42/50 84.0	42/50 84.0	41/50 82.0	41/50 82.0	41/50 82.0
5000 ppm	50	39/50 78.0	39/50 78.0	39/50 78.0	38/50 76.0	38/50 76.0	37/50 74.0	36/50 72.0	36/50 72.0	35/50 70.0	35/50 70.0	35/50 70.0	35/50 70.0	34/50 68.0	34/50 68.0
Number of survival/ Number of effective animals Survival rate(%)															

BAIS4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104  
SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE : 8

Group Name	Animals At start	Administration (Weeks)						
		98	99	100	101	102	103	104
Control	50	45/50	44/50	44/50	42/50	42/50	42/50	41/50
		90.0	88.0	88.0	84.0	84.0	84.0	82.0
800 ppm	50	35/50	35/50	35/50	34/50	34/50	33/50	31/50
		70.0	70.0	70.0	68.0	68.0	66.0	62.0
2000 ppm	50	41/50	40/50	39/50	38/50	38/50	37/50	37/50
		82.0	80.0	78.0	76.0	76.0	74.0	74.0
5000 ppm	50	34/50	34/50	33/50	33/50	33/50	33/50	33/50
		68.0	68.0	66.0	66.0	66.0	66.0	66.0
Number of survival/ Number of effective animals Survival rate(%)								

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**TABLE A 2**

**SURVIVAL ANIMAL NUMBERS: FEMALE**

SURVIVAL		ANIMAL NUMBERS	
1	100	100	100
2	100	100	100
3	100	100	100
4	100	100	100
5	100	100	100
6	100	100	100
7	100	100	100
8	100	100	100
9	100	100	100
10	100	100	100
11	100	100	100
12	100	100	100
13	100	100	100
14	100	100	100
15	100	100	100
16	100	100	100
17	100	100	100
18	100	100	100
19	100	100	100
20	100	100	100
21	100	100	100
22	100	100	100
23	100	100	100
24	100	100	100
25	100	100	100
26	100	100	100
27	100	100	100
28	100	100	100
29	100	100	100
30	100	100	100
31	100	100	100
32	100	100	100
33	100	100	100
34	100	100	100
35	100	100	100
36	100	100	100
37	100	100	100
38	100	100	100
39	100	100	100
40	100	100	100
41	100	100	100
42	100	100	100
43	100	100	100
44	100	100	100
45	100	100	100
46	100	100	100
47	100	100	100
48	100	100	100
49	100	100	100
50	100	100	100
51	100	100	100
52	100	100	100
53	100	100	100
54	100	100	100
55	100	100	100
56	100	100	100
57	100	100	100
58	100	100	100
59	100	100	100
60	100	100	100
61	100	100	100
62	100	100	100
63	100	100	100
64	100	100	100
65	100	100	100
66	100	100	100
67	100	100	100
68	100	100	100
69	100	100	100
70	100	100	100
71	100	100	100
72	100	100	100
73	100	100	100
74	100	100	100
75	100	100	100
76	100	100	100
77	100	100	100
78	100	100	100
79	100	100	100
80	100	100	100
81	100	100	100
82	100	100	100
83	100	100	100
84	100	100	100
85	100	100	100
86	100	100	100
87	100	100	100
88	100	100	100
89	100	100	100
90	100	100	100
91	100	100	100
92	100	100	100
93	100	100	100
94	100	100	100
95	100	100	100
96	100	100	100
97	100	100	

PAGE : 9

Group Name	Animals At start	Administration (Weeks)														
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	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	100.0
800 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	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	100.0
2000 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	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	100.0
5000 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	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	100.0
Number of survival/ Number of effective animals																
Survival rate(%)																
(HAN360)																



STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104  
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 10

Group Name	Animals At start	Administration (Weeks)													
		14	15	16	17	18	19	20	21	22	23	24	25	26	27
Control	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800 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
2000 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
5000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

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STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104  
 SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 11

Group Name	Animals At start	Administration (Weeks)													
		28	29	30	31	32	33	34	35	36	37	38	39	40	41
Control	50	50/50	50/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		100.0	100.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
800 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
2000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	49/50	49/50	49/50	49/50	49/50	49/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0	98.0	98.0	98.0	98.0
5000 ppm	50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of survival/ Number of effective animals															
Survival rate(%)															

(HAN360)

BA1S4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104  
 SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 12

Group Name	Animals At start	Administration (Weeks)													
		42	43	44	45	46	47	48	49	50	51	52	53	54	55
Control	50	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
800 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
2000 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
5000 ppm	50	50/50	50/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50
		100.0	100.0	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)		BALB/c													

BA1S4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104  
 SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 13

Group Name	Animals At start	Administration (Weeks)													
		56	57	58	59	60	61	62	63	64	65	66	67	68	69
Control	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	48/50	48/50	48/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0
800 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	48/50	47/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0	94.0
2000 ppm	50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	49/50	48/50	48/50	48/50
		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0	96.0	96.0
5000 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	46/50
		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	92.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104  
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 14

Group Name	Animals At start	Administration (Weeks)													
		70	71	72	73	74	75	76	77	78	79	80	81	82	83
Control	50	48/50	48/50	48/50	48/50	48/50	47/50	46/50	45/50	45/50	44/50	44/50	44/50	44/50	44/50
		96.0	96.0	96.0	96.0	96.0	94.0	92.0	90.0	90.0	88.0	88.0	88.0	88.0	88.0
800 ppm	50	47/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	46/50	45/50
		94.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	90.0
2000 ppm	50	47/50	47/50	47/50	47/50	47/50	46/50	46/50	45/50	44/50	44/50	44/50	43/50	43/50	43/50
		94.0	94.0	94.0	94.0	94.0	92.0	92.0	90.0	88.0	88.0	88.0	86.0	86.0	86.0
5000 ppm	50	46/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50	45/50
		92.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
Number of survival/ Number of effective animals Survival rate(%)															
(HAN360)															

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104  
SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE : 15

Group Name	Animals At start	Administration (Weeks)													
		84	85	86	87	88	89	90	91	92	93	94	95	96	97
Control	50	44/50	44/50	44/50	43/50	43/50	43/50	43/50	43/50	42/50	42/50	42/50	42/50	41/50	39/50
		88.0	88.0	88.0	86.0	86.0	86.0	86.0	86.0	84.0	84.0	84.0	84.0	82.0	78.0
800 ppm	50	44/50	43/50	43/50	42/50	41/50	40/50	39/50	38/50	36/50	36/50	34/50	34/50	34/50	34/50
		88.0	86.0	86.0	84.0	82.0	80.0	78.0	76.0	72.0	72.0	68.0	68.0	68.0	68.0
2000 ppm	50	43/50	40/50	40/50	40/50	40/50	40/50	40/50	38/50	37/50	36/50	36/50	35/50	34/50	34/50
		86.0	80.0	80.0	80.0	80.0	80.0	80.0	76.0	74.0	72.0	72.0	70.0	68.0	68.0
5000 ppm	50	43/50	41/50	40/50	40/50	38/50	37/50	37/50	35/50	34/50	33/50	33/50	33/50	32/50	32/50
		86.0	82.0	80.0	80.0	76.0	74.0	74.0	70.0	68.0	66.0	66.0	66.0	64.0	64.0
Number of survival/ Number of effective animals Survival rate(%)															

(HAN360)

BAIS4

SURVIVAL	ANIMAL NUMBERS
0-100%	6
75-99%	1
50-74%	0
25-49%	0
0-24%	0
Died	0
Total	7

Group Name	Animals At start	Administration (Weeks)						
		98	99	100	101	102	103	104
Control	50	38/50	38/50	38/50	38/50	37/50	36/50	36/50
		76.0	76.0	76.0	76.0	74.0	72.0	72.0
800 ppm	50	33/50	33/50	33/50	32/50	32/50	30/50	29/50
		66.0	66.0	66.0	64.0	64.0	60.0	58.0
2000 ppm	50	34/50	32/50	30/50	29/50	26/50	24/50	23/50
		68.0	64.0	60.0	58.0	52.0	48.0	46.0
5000 ppm	50	30/50	30/50	29/50	28/50	26/50	25/50	24/50
		60.0	60.0	58.0	56.0	52.0	50.0	48.0
Number of survival/ Number of effective animals Survival rate(%)								

BAIS4

**TABLE B 1**

**CLINICAL OBSERVATION: MALE**



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 1

Clinical sign	Group Name	Administration Week-day													
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	1	1	0	0	0	0	0	1	1	1
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 2

Clinical sign	Group Name	Administration Week-day													
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 3

Clinical sign	Group Name	Administration Week-day													
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 4

Clinical sign	Group Name	Administration Week-day													
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	1	1	1	1	1	1	1	1	1	1	1	2
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	2	2	2	3	3	3	3	3	3	3	3	4	5
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 5

Clinical sign	Group Name	Administration Week-day													
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	5	5	5	5	6	6	7	7	7	7	7	8	8	8
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	1	1	1	0	0	0	0	0	0	0	0	0	0
SOILED PERT-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 6

Clinical sign	Group Name	Administration Week-day													
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
DEATH	Control	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	800 ppm	2	2	2	3	3	3	3	3	3	4	5	5	5	6
	2000 ppm	1	1	1	1	1	1	2	3	4	5	5	5	5	6
	5000 ppm	8	8	8	8	8	8	8	8	9	9	11	11	11	11
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	1	1	1	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	1	1	1	1	1	2	2	2
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	2000 ppm	0	0	0	1	1	1	0	0	0	0	0	0	1	0
	5000 ppm	0	0	0	0	1	2	2	2	1	1	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	1	1	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 7

Clinical sign	Group Name	Administration Week-day													
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
DEATH	Control	1	2	2	3	3	3	3	4	4	4	4	5	5	5
	800 ppm	6	6	7	7	8	8	9	10	10	11	12	13	13	15
	2000 ppm	7	7	7	7	8	8	8	8	8	8	9	9	9	9
	5000 ppm	11	11	12	12	13	14	14	15	15	15	15	16	16	16
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	2	2	2	2	2	2	2	2	2	2	3	3	3	3
	800 ppm	1	1	2	2	1	1	1	1	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	2
	5000 ppm	0	0	0	0	0	1	1	0	0	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERT-GENITALIA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	800 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 8

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
DEATH	Control	6	6	7	7	7	7
	800 ppm	15	15	16	16	17	19
	2000 ppm	10	11	12	12	13	13
	5000 ppm	16	17	17	17	17	17
MORIBUND SACRIFICE	Control	0	0	1	1	1	2
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
SOILED	Control	1	1	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	1	1
PILOERECTION	Control	3	3	2	2	2	1
	800 ppm	1	2	2	2	2	2
	2000 ppm	3	2	1	2	1	1
	5000 ppm	0	0	0	1	1	1
FROG BELLY	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	1	1	1	1	1	1
	5000 ppm	0	0	0	0	0	0
EXOPHTHALMOS	Control	1	1	1	1	1	1
	800 ppm	1	1	1	1	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 9

Clinical sign	Group Name	Administration Week-day													
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	2
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	1	1	1	0	0	0	0	0	0	1	1
M. PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 10

Clinical sign	Group Name	Administration Week-day													
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0
M. PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 11

Clinical sign	Group Name	Administration Week-day				32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
		29-7	30-7	31-7												
CORNEAL OPACITY	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0		0	0	0	0	0	0	0	0	1	1	1
	2000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	2	2	2		2	2	2	2	2	2	2	2	2	2	2
	2000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	1	1	1	1	1	1	1	1	1
M. PERI-MOUTH	Control	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0		0	0	0	0	0	0	0	0	1	1	1
	2000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0		0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : MALE

PAGE : 12

Clinical sign	Group Name	Administration Week-day													
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	2	2	2	2	2	2	2	2	3	3	3	4	4	3
	2000 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	5000 ppm	1	1	2	2	1	2	2	2	2	2	2	2	1	1
M. PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 13

Clinical sign	Group Name	Administration Week-day													
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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	1
	800 ppm	3	3	3	3	3	3	3	3	3	3	3	3	3	4
	2000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	5000 ppm	1	1	1	1	0	0	0	0	0	0	0	0	0	0
M. PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 14

Clinical sign	Group Name	Administration Week-day													
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	1	1	1	1	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERNAL MASS	Control	1	0	0	0	0	0	0	0	0	3	3	4	4	4
	800 ppm	4	5	5	6	6	5	5	6	6	7	7	6	6	5
	2000 ppm	3	2	2	5	5	4	3	3	3	3	3	3	3	3
	5000 ppm	0	2	2	4	4	4	4	4	3	3	2	4	4	5
M. PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	1	1	1	1	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 15

Clinical sign	Group Name	Administration Week-day													
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
CORNEAL OPACITY	Control	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	800 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	1	1	1	1	1	0	0	0	0
INTERNAL MASS	Control	4	3	3	4	5	6	6	5	5	5	5	4	4	5
	800 ppm	6	6	6	9	8	8	7	6	6	6	7	6	6	4
	2000 ppm	2	2	2	2	2	3	3	4	5	5	5	5	5	5
	5000 ppm	5	5	4	6	5	5	5	4	4	4	4	4	4	4
M. PERI-MOUTH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	1	1	1	1	1	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 16

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
CORNEAL OPACITY	Control	1	1	1	1	1	1
	800 ppm	1	1	1	1	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
EXTERNAL MASS	Control	0	1	1	1	1	1
	800 ppm	0	0	0	0	1	1
	2000 ppm	0	1	1	1	0	0
	5000 ppm	0	0	0	0	0	0
INTERNAL MASS	Control	4	5	4	4	5	3
	800 ppm	4	6	5	5	6	6
	2000 ppm	5	4	3	3	4	7
	5000 ppm	4	4	4	5	9	5
M. PERI-MOUTH	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	1	1
	2000 ppm	0	1	1	1	0	0
	5000 ppm	0	0	0	0	0	0
M. HINDLIMB	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
M. ANUS	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
M. TAIL	Control	0	1	1	1	1	1
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 17

Clinical sign	Group Name	Administration Week-day													
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	1	0	0	0	0	0	1	1	1
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	1	1	1	1	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	800 ppm	50	50	50	50	50	50	50	50	50	50	50	50	49	48
	2000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	5000 ppm	49	49	49	49	49	49	49	49	49	49	49	48	48	48

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 18

Clinical sign	Group Name	Administration Week-day													
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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	1	1	1	1	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	1	0	1	1	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	48	48	48	48	48	48	48	48	48	48	48	48	48	48
	2000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	5000 ppm	48	48	49	49	49	49	49	49	49	49	49	49	49	49

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 19

Clinical sign	Group Name	Administration Week-day													
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	49	49	49	49	49	49	49	49	49	49	49	49	49	49
	800 ppm	48	48	48	48	48	48	48	48	48	48	48	47	47	47
	2000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	5000 ppm	49	49	49	49	49	48	48	48	48	48	48	48	48	48

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 20

Clinical sign	Group Name	Administration Week-day													
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	800 ppm	0	0	0	1	1	1	1	1	1	1	1	1	1	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	0	1	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	2	1	1	1	1	1	1	1	1	1	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5000 ppm	0	1	1	1	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	49	49	49	49	49	49	49	49	49	49	49	49	49	49
	800 ppm	47	47	47	45	46	46	46	46	45	45	45	45	45	45
	2000 ppm	50	50	50	50	50	50	50	50	49	49	49	49	49	49
	5000 ppm	47	46	46	46	46	45	45	45	45	45	45	45	45	44

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 21

Clinical sign	Group Name	Administration Week-day													
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
TORTICOLLIS	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	1	1	1	0	0	0	1	1	1	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	49	49	49	49	49	49	49	49	49	49	49	49	48	47
	800 ppm	45	45	45	45	45	44	44	44	44	44	44	44	44	43
	2000 ppm	49	49	49	49	49	49	49	49	49	49	49	49	49	48
	5000 ppm	44	44	44	44	44	44	43	43	43	42	43	42	42	42

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Cri:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 22

Clinical sign	Group Name	Administration Week-day													
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TORTICOLLIS	Control	1	1	1	1	1	1	1	2	2	2	2	2	2	2
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	1	0
	5000 ppm	0	0	0	0	1	1	1	1	1	1	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	2000 ppm	0	0	0	0	0	1	1	0	0	0	0	0	1	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	800 ppm	0	0	0	0	0	0	0	0	2	0	0	1	1	0
	2000 ppm	0	0	0	0	1	2	2	1	1	0	0	0	1	0
	5000 ppm	0	0	0	0	1	1	2	2	1	1	0	0	0	0
NON REMARKABLE	Control	48	49	49	49	49	49	48	47	47	44	44	43	43	43
	800 ppm	43	42	42	40	40	41	40	39	39	37	37	38	38	38
	2000 ppm	46	47	47	44	44	44	43	43	42	42	42	42	41	41
	5000 ppm	42	40	40	38	36	37	37	37	37	37	37	35	35	34

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 23

Clinical sign	Group Name	Administration Week-day													
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
ULCER	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EROSION	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	2000 ppm	0	0	0	1	1	1	1	1	2	2	2	2	2	2
	5000 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	1	1	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0
TORTICOLLIS	Control	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROLAPSE OF PENIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	5000 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	800 ppm	0	2	1	1	0	0	0	0	0	0	0	1	1	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	1	1	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	1	1	2	2	3	2	4	3	3	4	4	3	4	4
	800 ppm	1	1	0	0	0	0	0	0	0	4	3	4	4	2
	2000 ppm	0	0	0	0	0	0	0	0	0	3	2	2	2	3
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	43	43	43	42	40	39	38	39	39	39	39	39	38	37
	800 ppm	37	35	35	34	34	34	34	34	34	30	29	28	28	29
	2000 ppm	41	41	41	40	39	38	38	38	37	34	35	35	35	34
	5000 ppm	34	34	34	32	32	30	30	30	30	30	31	30	30	30

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : MALE

PAGE : 24

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
ULCER	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	1	1	1	1
	5000 ppm	0	0	0	0	0	0
EROSION	Control	1	1	1	1	1	1
	800 ppm	1	1	1	1	1	1
	2000 ppm	2	3	3	3	3	3
	5000 ppm	0	0	0	0	0	0
CRUSTA	Control	1	1	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	1	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
TORTICOLLIS	Control	2	2	1	1	1	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	1	1	1	1	0	0
	5000 ppm	0	0	0	0	0	0
PROLAPSE OF PENIS	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	1	1	1	1
IRREGULAR BREATHING	Control	1	1	0	0	0	0
	800 ppm	0	0	1	0	0	0
	2000 ppm	1	1	1	1	0	0
	5000 ppm	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	1	1
	2000 ppm	3	2	1	1	0	0
	5000 ppm	0	0	0	0	0	0
OLIGO-STOOL	Control	2	2	1	1	1	0
	800 ppm	2	2	1	1	2	2
	2000 ppm	3	2	1	1	0	1
	5000 ppm	0	0	0	0	2	1
NON REMARKABLE	Control	38	36	36	36	35	36
	800 ppm	29	28	28	28	25	23
	2000 ppm	31	32	32	32	31	28
	5000 ppm	30	29	28	28	23	28



**TABLE B 2**

**CLINICAL OBSERVATION: FEMALE**

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 25

Clinical sign	Group Name	Administration Week-day													
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT INCR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 26

Clinical sign	Group Name	Administration Week-day													
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT INCR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 27

Clinical sign	Group Name	Administration Week-day													
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
DEATH	Control	0	1	1	1	1	1	1	1	1	1	1	1	1	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	1	1	1	1	1	1	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT INCR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	1	1	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 28

Clinical sign	Group Name	Administration Week-day													
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
DEATH	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	800 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	2000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5000 ppm	0	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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT INCR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/CrJ[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 29

Clinical sign	Group Name	Administration Week-day													
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
DEATH	Control	1	1	1	1	1	1	1	1	1	2	2	2	2	2
	800 ppm	1	1	1	1	1	1	1	1	1	1	1	2	2	2
	2000 ppm	1	1	1	1	1	1	1	1	1	1	2	2	2	3
	5000 ppm	1	1	1	1	2	2	2	2	2	2	3	3	4	4
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT INCR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Cri:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 30

Clinical sign	Group Name	Administration Week-day													
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
DEATH	Control	2	2	2	2	3	4	5	5	6	6	6	6	6	6
	800 ppm	3	3	3	3	3	3	3	3	3	3	3	3	4	5
	2000 ppm	3	3	3	3	4	4	5	6	6	6	7	7	7	7
	5000 ppm	5	5	5	5	5	5	5	5	5	5	5	5	5	7
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT INCR	Control	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNCHBACK POSITION	Control	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARALYTIC GAIT	Control	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	800 ppm	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	1	1	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/CrLj[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 31

Clinical sign	Group Name	Administration Week-day													
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
DEATH	Control	6	6	7	7	7	7	7	8	8	8	8	9	11	12
	800 ppm	6	6	7	8	9	10	11	13	13	15	15	15	15	16
	2000 ppm	10	10	10	10	10	10	12	13	14	14	15	16	16	16
	5000 ppm	9	10	10	11	11	11	13	14	15	15	15	16	16	18
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	1	2	2	2	2	2	2	2	2	2	2
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT INCR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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	1	1	1	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 32

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
DEATH	Control	12	12	12	13	14	14
	800 ppm	16	16	17	17	19	20
	2000 ppm	18	20	21	24	26	27
	5000 ppm	18	19	20	21	22	23
MORIBUND SACRIFICE	Control	0	0	0	0	0	0
	800 ppm	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0
	5000 ppm	2	2	2	3	3	3
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
LOCOMOTOR MOVEMENT INCR	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
HUNCHBACK POSITION	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
PARALYTIC GAIT	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
ROTATING	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
ROLLING	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
A LOT OF SPILLED FOOD	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 33

Clinical sign	Group Name	Administration Week-day													
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 34

Clinical sign	Group Name	Administration Week-day													
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Cri:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 35

Clinical sign	Group Name	Administration Week-day													
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 36

Clinical sign	Group Name	Administration Week-day													
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTOR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 37

Clinical sign	Group Name	Administration Week-day													
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	800 ppm	0	0	0	1	1	1	1	1	1	1	1	2	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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	1	1	1	1	1	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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	1	1	2	2	2	2
	800 ppm	0	0	1	1	1	1	1	1	2	2	2	2	2	2
	2000 ppm	0	0	0	1	2	2	2	3	3	3	2	2	2	1
	5000 ppm	0	0	0	1	0	0	0	0	0	1	1	1	0	0
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 38

Clinical sign	Group Name	Administration Week-day													
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
SOILED	Control	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PILOERECTION	Control	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	1	1	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	3
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOILED PERI-GENITALIA	Control	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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	1	1	1	1	1	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	1	1	1	1	1	0	0	0	1	1	1	1	0
INTERNAL MASS	Control	2	2	2	2	2	1	1	1	1	1	1	1	1	1
	800 ppm	1	1	1	1	1	1	1	1	1	1	1	3	1	2
	2000 ppm	1	2	3	3	2	2	3	3	2	2	2	3	3	5
	5000 ppm	0	1	2	3	3	3	4	4	5	5	6	8	9	8
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 39

Clinical sign	Group Name	Administration Week-day													
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
SOILED	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	1	1	1	1	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	2	2	2	1	1	1	1	1	1	0
	2000 ppm	0	0	0	0	1	1	1	1	1	1	1	2	2	3
	5000 ppm	2	1	1	1	1	1	1	1	1	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	1	1	1	1	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	1	1	1	1	1	1	1	1	2	2	1	1
	800 ppm	0	0	0	0	0	0	0	1	1	0	1	1	2	2
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	5000 ppm	0	0	0	0	0	0	0	0	1	1	2	2	1	1
INTERNAL MASS	Control	2	2	3	3	3	3	3	3	3	3	4	3	4	4
	800 ppm	2	3	3	2	3	3	3	3	4	4	4	4	2	2
	2000 ppm	3	3	3	3	4	5	6	9	11	11	10	10	11	11
	5000 ppm	7	7	7	5	6	6	6	6	5	5	5	5	6	6
M. NECK	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 40

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
SOILED	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
PILOERECTION	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	4	3	3	1	0	0
	5000 ppm	1	0	0	0	0	0
FROG BELLY	Control	0	0	0	0	0	0
	800 ppm	0	0	1	1	0	0
	2000 ppm	0	0	2	2	1	0
	5000 ppm	0	0	3	2	2	2
SOILED PERI-GENITALIA	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
EXOPHTHALMOS	Control	0	0	0	0	0	0
	800 ppm	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
GUM	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
EXTERNAL MASS	Control	1	1	1	1	1	1
	800 ppm	2	2	2	2	2	1
	2000 ppm	1	1	1	1	0	1
	5000 ppm	2	2	1	1	0	1
INTERNAL MASS	Control	5	5	5	6	7	7
	800 ppm	3	3	2	3	4	4
	2000 ppm	9	7	7	8	6	5
	5000 ppm	7	7	6	4	5	4
M. NECK	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	1	1	1	1	0	0
	5000 ppm	1	1	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 41

Clinical sign	Group Name	Administration Week-day													
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 42

Clinical sign	Group Name	Administration Week-day													
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ANTERIOR. DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 43

Clinical sign	Group Name	Administration Week-day													
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ANTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Cri:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 44

Clinical sign	Group Name	Administration Week-day													
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ANTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 45

Clinical sign	Group Name	Administration Week-day													
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
M. BREAST	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ANTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	1	1	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 46

Clinical sign	Group Name	Administration Week-day													
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
M. BREAST	Control	0	0	0	0	0	0	0	0	1	1	1	1	1	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	1	1	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. ANTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	1	1	1	1	1	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	2

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 47

Clinical sign	Group Name	Administration Week-day													
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
M. BREAST	Control	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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	1	1	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	1	1	1	1	1	1
M. ANTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	1	1	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	1	1	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	1	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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	1	0	0	0	0	0	0	0	0	0	0	0	0	0



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 48

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
M. BREAST	Control	1	1	1	1	1	1
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	1
	5000 ppm	0	0	0	0	0	0
M. ABDOMEN	Control	0	0	0	0	0	0
	800 ppm	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0
	5000 ppm	1	1	1	1	0	0
M. ANTERIOR. DORSUM	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
M. POSTERIOR DORSUM	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	1
M. HINDLIMB	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
M. GENITALIA	Control	0	0	0	0	0	0
	800 ppm	1	1	1	1	1	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
M. TAIL	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
EDEMA	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0
ANEMIA	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 49

Clinical sign	Group Name	Administration Week-day													
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	800 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	2000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	5000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 50

Clinical sign	Group Name	Administration Week-day													
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	27-7	28-7
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	800 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	2000 ppm	50	50	50	50	50	50	50	50	50	50	50	49	49	49
	5000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 51

Clinical sign	Group Name	Administration Week-day													
		29-7	30-7	31-7	32-7	33-7	34-7	35-7	36-7	37-7	38-7	39-7	40-7	41-7	42-7
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	1	1	1	1	1	1	1	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRREGULAR BREATHING	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	49	49	49	49	49	49	49	49	49	49	49	49	49	49
	800 ppm	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	2000 ppm	49	49	49	49	49	49	49	49	49	49	49	49	49	49
	5000 ppm	50	50	50	50	50	50	50	50	50	50	50	50	49	49

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 52

Clinical sign	Group Name	Administration Week-day													
		43-7	44-7	45-7	46-7	47-7	48-7	49-7	50-7	51-7	52-7	53-7	54-7	55-7	56-7
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	1	1	1	1	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	1	1	1	1	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	1	1	1	1	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	1
NON REMARKABLE	Control	49	49	49	49	49	49	49	49	49	49	49	49	49	49
	800 ppm	50	50	50	50	49	49	49	49	49	49	49	49	49	49
	2000 ppm	49	49	49	49	49	49	49	49	49	49	49	49	49	49
	5000 ppm	49	49	49	49	49	49	49	49	49	49	49	48	48	48

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 53

Clinical sign	Group Name	Administration Week-day													
		57-7	58-7	59-7	60-7	61-7	62-7	63-7	64-7	65-7	66-7	67-7	68-7	69-7	70-7
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	2000 ppm	0	0	0	1	1	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	1	0	1	0	0
	2000 ppm	0	0	0	0	0	2	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OLIGO-STOOL	Control	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	800 ppm	0	0	0	1	1	1	0	1	1	1	1	2	1	1
	2000 ppm	0	2	0	2	2	1	0	0	0	1	0	0	0	0
	5000 ppm	0	0	0	1	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	49	49	49	49	49	49	48	48	48	47	46	46	46	46
	800 ppm	49	49	48	48	48	48	48	48	47	46	46	44	44	44
	2000 ppm	49	47	49	47	46	44	47	46	46	46	46	46	46	46
	5000 ppm	49	49	49	48	48	48	48	48	48	47	46	46	46	46

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 54

Clinical sign	Group Name	Administration Week-day													
		71-7	72-7	73-7	74-7	75-7	76-7	77-7	78-7	79-7	80-7	81-7	82-7	83-7	84-7
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	1	1	1	1	1	1	2	2	2	2	2
	5000 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
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	2000 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	1	1	2
SMALL STOOL	Control	0	0	0	0	1	0	0	1	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	1	1	1	1	3	2	1
	2000 ppm	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	5000 ppm	0	0	0	0	0	0	0	2	2	2	1	2	2	2
OLIGO-STOOL	Control	2	2	2	0	0	0	0	0	0	1	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	1	1	0	0	1	0	1
	2000 ppm	0	1	1	3	2	2	3	3	3	4	2	0	0	1
	5000 ppm	0	0	0	0	0	0	0	1	2	2	1	2	2	5
NON REMARKABLE	Control	46	46	46	46	45	45	44	43	42	41	42	42	42	42
	800 ppm	43	43	43	43	43	43	43	43	42	43	43	41	41	40
	2000 ppm	46	44	44	43	43	43	41	39	40	40	39	38	38	36
	5000 ppm	45	43	42	41	42	42	41	41	40	39	38	36	36	33

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
 ALL ANIMALS

SEX : FEMALE

PAGE : 55

Clinical sign	Group Name	Administration Week-day													
		85-7	86-7	87-7	88-7	89-7	90-7	91-7	92-7	93-7	94-7	95-7	96-7	97-7	98-7
CRUSTA	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5000 ppm	0	0	0	0	0	0	0	0	0	0	0	0	1	2
TORTICOLLIS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2000 ppm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5000 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
	800 ppm	0	0	0	0	1	2	1	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	1	1	1	1	1	1	1	1	1	3
	5000 ppm	1	1	1	1	1	1	0	0	0	0	0	0	0	0
SMALL STOOL	Control	0	1	0	0	0	0	0	0	0	1	1	1	1	0
	800 ppm	1	1	0	0	3	2	1	0	0	0	0	0	0	0
	2000 ppm	0	1	0	0	0	0	0	0	0	1	0	0	0	4
	5000 ppm	2	1	1	1	1	4	1	2	1	0	0	0	0	0
OLIGO-STOOL	Control	0	1	0	0	0	1	1	0	0	1	2	0	0	0
	800 ppm	1	1	0	1	2	1	0	0	0	0	0	0	0	0
	2000 ppm	0	0	0	0	1	2	1	1	1	2	3	3	3	4
	5000 ppm	3	1	1	1	0	0	0	1	0	1	1	0	0	0
NON REMARKABLE	Control	41	40	39	39	39	39	39	38	38	37	35	35	33	33
	800 ppm	40	39	38	38	34	34	33	30	29	28	28	28	28	28
	2000 ppm	36	35	36	36	35	34	31	27	24	24	24	23	22	21
	5000 ppm	33	32	32	31	30	28	28	27	26	26	25	25	24	21



STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1 104

CLINICAL OBSERVATION (SUMMARY)  
ALL ANIMALS

SEX : FEMALE

PAGE : 56

Clinical sign	Group Name	Administration Week-day					
		99-7	100-7	101-7	102-7	103-7	104-7
CRUSTA	Control	0	0	0	0	0	0
	800 ppm	1	1	1	1	1	1
	2000 ppm	0	0	0	0	0	0
	5000 ppm	2	1	1	1	1	1
TORTICOLLIS	Control	0	0	0	0	0	0
	800 ppm	0	0	0	0	0	0
	2000 ppm	1	1	1	0	0	0
	5000 ppm	0	0	0	0	0	0
IRREGULAR BREATHING	Control	0	0	0	0	0	0
	800 ppm	0	1	0	0	0	1
	2000 ppm	3	3	3	1	0	0
	5000 ppm	0	0	0	0	0	0
SMALL STOOL	Control	0	0	0	0	0	0
	800 ppm	0	1	0	0	1	1
	2000 ppm	2	1	2	1	0	0
	5000 ppm	0	0	0	0	0	0
OLIGO-STOOL	Control	0	0	0	1	1	1
	800 ppm	0	2	1	1	1	2
	2000 ppm	2	1	1	0	0	0
	5000 ppm	0	1	1	1	1	3
NON REMARKABLE	Control	32	32	32	30	28	28
	800 ppm	28	27	26	25	24	23
	2000 ppm	21	21	20	18	18	17
	5000 ppm	20	19	19	19	18	18

TABLE C 1

BODY WEIGHT CHANGES AND  
SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crl:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

MEAN BODY WEIGHTS AND SURVIVAL

PAGE : 1

Week-Day on Study	Control		800 ppm		2000 ppm		5000 ppm				
	Av. Wt.	No. of Surviv. <50>	Av. Wt.	% of cont. <50>	No. of Surviv.	Av. Wt.	% of cont. <50>	No. of Surviv.	Av. Wt.	% of cont. <50>	No. of Surviv.
0-0	23.5 (50)	50/50	23.5 (50)	100	50/50	23.5 (50)	100	50/50	23.5 (50)	100	50/50
1-7	24.4 (50)	50/50	24.4 (50)	100	50/50	24.1 (50)	99	50/50	24.3 (50)	100	50/50
2-7	25.2 (50)	50/50	25.3 (50)	100	50/50	25.0 (50)	99	50/50	25.1 (50)	100	50/50
3-7	26.1 (50)	50/50	26.0 (50)	100	50/50	25.7 (50)	98	50/50	25.8 (50)	99	50/50
4-7	26.6 (50)	50/50	26.7 (50)	100	50/50	26.5 (50)	100	50/50	26.4 (50)	99	50/50
5-7	27.3 (50)	50/50	27.3 (50)	100	50/50	27.2 (50)	100	50/50	27.0 (50)	99	50/50
6-7	27.9 (50)	50/50	27.9 (50)	100	50/50	27.7 (50)	99	50/50	27.6 (50)	99	50/50
7-7	28.5 (50)	50/50	28.6 (50)	100	50/50	28.3 (50)	99	50/50	28.4 (49)	100	49/50
8-7	29.4 (50)	50/50	29.3 (50)	100	50/50	29.0 (50)	99	50/50	29.2 (49)	99	49/50
9-7	29.4 (50)	50/50	29.4 (50)	100	50/50	29.2 (50)	99	50/50	29.3 (49)	100	49/50
10-7	30.3 (50)	50/50	30.3 (50)	100	50/50	30.2 (50)	100	50/50	30.3 (49)	100	49/50
11-7	31.0 (50)	50/50	31.0 (50)	100	50/50	30.7 (50)	99	50/50	30.8 (49)	99	49/50
12-7	31.8 (50)	50/50	31.7 (50)	100	50/50	31.5 (50)	99	50/50	31.4 (49)	99	49/50
13-7	32.3 (50)	50/50	32.4 (50)	100	50/50	32.1 (50)	99	50/50	32.0 (49)	99	49/50
14-7	32.9 (50)	50/50	33.0 (50)	100	50/50	32.6 (50)	99	50/50	32.6 (49)	99	49/50
18-7	35.0 (50)	50/50	35.1 (50)	100	50/50	34.7 (50)	99	50/50	35.0 (49)	100	49/50
22-7	36.7 (50)	50/50	36.8 (50)	100	50/50	36.4 (50)	99	50/50	36.6 (49)	100	49/50
26-7	38.8 (50)	50/50	39.1 (50)	101	50/50	38.6 (50)	99	50/50	38.7 (49)	100	49/50
30-7	40.8 (50)	50/50	41.3 (50)	101	50/50	40.6 (50)	100	50/50	40.8 (49)	100	49/50
34-7	42.3 (50)	50/50	42.7 (50)	101	50/50	41.9 (50)	99	50/50	42.2 (49)	100	49/50
38-7	43.5 (50)	50/50	44.0 (50)	101	50/50	44.0 (50)	101	50/50	43.5 (49)	100	49/50
42-7	44.7 (50)	50/50	44.9 (50)	100	50/50	44.2 (50)	99	50/50	44.4 (49)	99	49/50
46-7	45.5 (50)	50/50	45.4 (49)	100	49/50	44.9 (50)	99	50/50	44.9 (48)	99	48/50
50-7	46.6 (50)	50/50	46.6 (49)	100	49/50	46.1 (50)	99	50/50	46.2 (47)	99	47/50
54-7	46.4 (50)	50/50	46.6 (49)	100	49/50	46.1 (50)	99	50/50	46.3 (47)	100	47/50
58-7	47.3 (50)	50/50	47.8 (48)	101	48/50	46.7 (50)	99	50/50	47.4 (45)	100	45/50
62-7	48.0 (50)	50/50	48.7 (48)	101	48/50	47.6 (50)	99	50/50	47.8 (44)	100	44/50
66-7	48.5 (50)	50/50	49.0 (48)	101	48/50	48.3 (50)	100	50/50	48.6 (43)	100	43/50
70-7	49.0 (50)	50/50	49.2 (48)	100	48/50	48.5 (50)	99	50/50	48.7 (42)	99	42/50
74-7	48.9 (50)	50/50	49.4 (47)	101	47/50	48.1 (49)	98	49/50	48.6 (42)	99	42/50
78-7	49.1 (49)	49/50	50.1 (47)	102	47/50	49.6 (47)	101	47/50	48.6 (42)	99	42/50
82-7	49.8 (49)	49/50	50.2 (45)	101	45/50	50.6 (45)	102	45/50	50.2 (39)	101	39/50
86-7	50.3 (48)	48/50	49.9 (44)	99	44/50	51.3 (43)	102	43/50	50.9 (39)	101	39/50
90-7	50.0 (47)	47/50	50.3 (42)	101	42/50	51.2 (42)	102	42/50	51.3 (36)	103	36/50
94-7	49.6 (46)	46/50	48.6 (39)	98	39/50	49.8 (42)	100	42/50	51.5 (35)	104	35/50
98-7	50.2 (45)	45/50	49.3 (35)	98	35/50	49.0 (41)	98	41/50	51.7 (34)	103	34/50
102-7	51.3 (42)	42/50	48.9 (34)	95	34/50	48.9 (38)	95	38/50	51.1 (33)	100	33/50
104-7	51.2 (41)	41/50	48.5 (31)	95	31/50	49.0 (37)	96	37/50	50.3 (33)	98	33/50

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

Av. Wt. : g

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

TABLE C 2

BODY WEIGHT CHANGES AND  
SURVIVAL ANIMAL NUMBERS: FEMALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

PAGE : 2

Week-Day on Study	Control		800 ppm		2000 ppm		5000 ppm				
	Av. Wt.	No. of Surviv. <50>	Av. Wt.	% of cont. <50>	No. of Surviv.	Av. Wt.	% of cont. <50>	No. of Surviv.	Av. Wt.	% of cont. <50>	No. of Surviv.
0-0	19.2 (50)	50/50	19.2 (50)	100	50/50	19.2 (50)	100	50/50	19.2 (50)	100	50/50
1-7	19.6 (50)	50/50	19.8 (50)	101	50/50	19.7 (50)	101	50/50	19.5 (50)	99	50/50
2-7	20.4 (50)	50/50	20.3 (50)	100	50/50	20.4 (50)	100	50/50	20.2 (50)	99	50/50
3-7	21.1 (50)	50/50	21.1 (50)	100	50/50	21.1 (50)	100	50/50	21.0 (50)	100	50/50
4-7	21.8 (50)	50/50	21.6 (50)	99	50/50	21.6 (50)	99	50/50	21.4 (50)	98	50/50
5-7	22.2 (50)	50/50	22.1 (50)	100	50/50	22.0 (50)	99	50/50	21.9 (50)	99	50/50
6-7	22.6 (50)	50/50	22.7 (50)	100	50/50	22.4 (50)	99	50/50	22.4 (50)	99	50/50
7-7	23.2 (50)	50/50	23.3 (50)	100	50/50	23.2 (50)	100	50/50	23.0 (50)	99	50/50
8-7	23.9 (50)	50/50	23.8 (50)	100	50/50	23.7 (50)	99	50/50	23.7 (50)	99	50/50
9-7	23.7 (50)	50/50	23.7 (50)	100	50/50	23.4 (50)	99	50/50	23.5 (50)	99	50/50
10-7	24.2 (50)	50/50	24.3 (50)	100	50/50	24.1 (50)	100	50/50	24.0 (50)	99	50/50
11-7	24.6 (50)	50/50	24.7 (50)	100	50/50	24.4 (50)	99	50/50	24.4 (50)	99	50/50
12-7	25.0 (50)	50/50	25.1 (50)	100	50/50	24.8 (50)	99	50/50	24.7 (50)	99	50/50
13-7	25.2 (50)	50/50	25.4 (50)	101	50/50	24.7 (50)	98	50/50	25.0 (50)	99	50/50
14-7	25.4 (50)	50/50	25.6 (50)	101	50/50	25.2 (50)	99	50/50	25.2 (50)	99	50/50
18-7	26.5 (50)	50/50	26.7 (50)	101	50/50	26.2 (50)	99	50/50	26.1 (50)	98	50/50
22-7	27.4 (50)	50/50	27.9 (50)	102	50/50	27.1 (50)	99	50/50	27.4 (50)	100	50/50
26-7	28.8 (50)	50/50	29.1 (50)	101	50/50	28.6 (50)	99	50/50	28.5 (50)	99	50/50
30-7	30.1 (49)	49/50	30.7 (50)	102	50/50	29.7 (50)	99	50/50	29.7 (50)	99	50/50
34-7	30.8 (49)	49/50	31.5 (50)	102	50/50	30.4 (50)	99	50/50	30.3 (50)	98	50/50
38-7	31.4 (49)	49/50	32.3 (50)	103	50/50	31.2 (49)	99	49/50	31.2 (50)	99	50/50
42-7	32.4 (49)	49/50	32.7 (50)	101	50/50	31.9 (49)	98	49/50	31.9 (50)	98	50/50
46-7	32.7 (49)	49/50	33.3 (50)	102	50/50	32.3 (49)	99	49/50	32.4 (49)	99	49/50
50-7	33.1 (49)	49/50	33.9 (50)	102	50/50	33.2 (49)	100	49/50	32.7 (49)	99	49/50
54-7	33.2 (49)	49/50	33.9 (49)	102	49/50	33.5 (49)	101	49/50	32.8 (49)	99	49/50
58-7	33.5 (49)	49/50	34.4 (49)	103	49/50	33.5 (49)	100	49/50	33.5 (49)	100	49/50
62-7	33.8 (49)	49/50	35.1 (49)	104	49/50	33.7 (49)	100	49/50	34.2 (48)	101	48/50
66-7	34.5 (48)	48/50	35.1 (49)	102	49/50	34.7 (49)	101	49/50	34.5 (48)	100	48/50
70-7	34.5 (48)	48/50	35.4 (47)	103	47/50	34.4 (47)	100	47/50	35.0 (46)	101	46/50
74-7	34.6 (48)	48/50	36.1 (46)	104	46/50	34.3 (47)	99	47/50	35.3 (45)	102	45/50
78-7	35.6 (45)	45/50	36.8 (46)	103	46/50	35.1 (44)	99	44/50	35.1 (45)	99	45/50
82-7	35.5 (44)	44/50	36.9 (46)	104	46/50	35.5 (43)	100	43/50	35.2 (45)	99	45/50
86-7	36.0 (44)	44/50	37.4 (43)	104	43/50	36.3 (40)	101	40/50	35.8 (40)	99	40/50
90-7	36.3 (43)	43/50	36.9 (39)	102	39/50	36.0 (40)	99	40/50	35.7 (37)	98	37/50
94-7	35.8 (42)	42/50	37.0 (34)	103	34/50	35.4 (36)	99	36/50	36.3 (33)	101	33/50
98-7	36.0 (38)	38/50	37.1 (33)	103	33/50	34.6 (34)	96	34/50	35.9 (30)	100	30/50
102-7	36.2 (37)	37/50	38.0 (32)	105	32/50	36.2 (26)	100	26/50	35.8 (26)	99	26/50
104-7	35.7 (36)	36/50	36.1 (29)	101	29/50	36.0 (23)	101	23/50	35.9 (24)	101	24/50

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

Av. Wt. : g

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

TABLE C 3

BODY WEIGHT CHANGES: MALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 1

Group Name	Administration week-day						
	0-0	1-7	2-7	3-7	4-7	5-7	6-7
Control	23.5± 0.8	24.4± 1.0	25.2± 1.0	26.1± 1.1	26.6± 1.2	27.3± 1.3	27.9± 1.4
800 ppm	23.5± 0.8	24.4± 0.9	25.3± 1.0	26.0± 1.1	26.7± 1.2	27.3± 1.3	27.9± 1.4
2000 ppm	23.5± 0.8	24.1± 1.0	25.0± 1.1	25.7± 1.2	26.5± 1.1	27.2± 1.4	27.7± 1.5
5000 ppm	23.5± 0.8	24.3± 1.0	25.1± 1.1	25.8± 1.1	26.4± 1.4	27.0± 1.7	27.6± 2.3

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 2

Group Name	Administration		week-day									
	7-7		8-7		9-7		10-7		11-7		12-7	
Control	28.5±	1.6	29.4±	1.6	29.4±	1.8	30.3±	2.0	31.0±	1.9	31.8±	2.1
800 ppm	28.6±	1.6	29.3±	1.7	29.4±	1.8	30.3±	2.0	31.0±	2.0	31.7±	2.0
2000 ppm	28.3±	1.6	29.0±	1.6	29.2±	1.7	30.2±	1.9	30.7±	2.0	31.5±	2.1
5000 ppm	28.4±	1.4	29.2±	1.6	29.3±	1.9	30.3±	1.9	30.8±	2.0	31.4±	2.2

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

Test of Dunnett

(HAN260)

BAIS 4



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 3

Group Name	Administration week-day		14-7		18-7		22-7		26-7		30-7		34-7		38-7	
Control	32.9±	2.2	35.0±	2.7	36.7±	3.0	38.8±	3.6	40.8±	4.1	42.3±	4.2	43.5±	4.2		
800 ppm	33.0±	2.2	35.1±	2.6	36.8±	2.9	39.1±	3.5	41.3±	3.9	42.7±	3.9	44.0±	4.0		
2000 ppm	32.6±	2.1	34.7±	2.4	36.4±	2.6	38.6±	2.9	40.6±	3.1	41.9±	3.4	44.0±	4.4		
5000 ppm	32.6±	2.4	35.0±	2.6	36.6±	3.0	38.7±	3.4	40.8±	3.7	42.2±	3.8	43.5±	4.0		

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 4

Group Name	Administration		week-day											
	42-7		46-7		50-7		54-7		58-7		62-7		66-7	
Control	44.7±	4.3	45.5±	4.6	46.6±	4.6	46.4±	4.6	47.3±	4.8	48.0±	5.2	48.5±	5.3
800 ppm	44.9±	4.0	45.4±	4.5	46.6±	4.7	46.6±	4.6	47.8±	3.8	48.7±	3.8	49.0±	4.0
2000 ppm	44.2±	3.6	44.9±	3.8	46.1±	3.5	46.1±	3.6	46.7±	4.2	47.6±	4.8	48.3±	4.2
5000 ppm	44.4±	4.2	44.9±	4.4	46.2±	4.1	46.3±	4.7	47.4±	4.0	47.8±	4.3	48.6±	3.8

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 5

Group Name	Administration		week-day									
	70-7		74-7		78-7		82-7		86-7		90-7	94-7
Control	49.0± 5.5		48.9± 5.8		49.1± 6.5		49.8± 7.3		50.3± 7.5		50.0± 7.9	49.6± 8.4
800 ppm	49.2± 4.0		49.4± 4.5		50.1± 4.6		50.2± 5.5		49.9± 5.7		50.3± 6.2	48.6± 8.2
2000 ppm	48.5± 4.8		48.1± 5.4		49.6± 5.6		50.6± 5.1		51.3± 4.2		51.2± 5.1	49.8± 6.5
5000 ppm	48.7± 3.8		48.6± 4.3		48.6± 6.4		50.2± 4.7		50.9± 4.7		51.3± 5.1	51.5± 5.0

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 6

Group Name	Administration week day		
	98-7	102-7	104-7
Control	50.2± 8.4	51.3± 6.2	51.2± 5.6
800 ppm	49.3± 8.5	48.9± 9.0	48.5± 8.9
2000 ppm	49.0± 8.1	48.9± 8.3	49.0± 7.7
5000 ppm	51.7± 5.1	51.1± 6.2	50.3± 7.3

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

Test of Dunnett

(HAN260)

BAIS 4

**TABLE C 4**

**BODY WEIGHT CHANGES: FEMALE**

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 7

Group Name	Administration week-day						
	0-0	1-7	2-7	3-7	4-7	5-7	6-7
Control	19.2± 0.8	19.6± 0.7	20.4± 0.8	21.1± 0.8	21.8± 0.7	22.2± 0.9	22.6± 0.8
800 ppm	19.2± 0.8	19.8± 1.0	20.3± 0.9	21.1± 1.0	21.6± 1.0	22.1± 0.9	22.7± 1.0
2000 ppm	19.2± 0.8	19.7± 0.8	20.4± 0.8	21.1± 0.9	21.6± 1.0	22.0± 0.9	22.4± 0.9
5000 ppm	19.2± 0.8	19.5± 0.8	20.2± 0.9	21.0± 0.8	21.4± 0.9	21.9± 1.0	22.4± 0.9

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 8

Group Name	Administration week-day						
	7-7	8-7	9-7	10-7	11-7	12-7	13-7
Control	23.2± 1.1	23.9± 1.1	23.7± 1.2	24.2± 1.2	24.6± 1.2	25.0± 1.4	25.2± 1.5
800 ppm	23.3± 1.2	23.8± 1.3	23.7± 1.2	24.3± 1.5	24.7± 1.4	25.1± 1.5	25.4± 1.7
2000 ppm	23.2± 1.1	23.7± 1.0	23.4± 1.2	24.1± 1.2	24.4± 1.4	24.8± 1.4	24.7± 1.4
5000 ppm	23.0± 1.2	23.7± 1.3	23.5± 1.1	24.0± 1.1	24.4± 1.4	24.7± 1.4	25.0± 1.4

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 9

Group Name	Administration week-day						
	14-7	18-7	22-7	26-7	30-7	34-7	38-7
Control	25.4± 1.6	26.5± 1.7	27.4± 2.2	28.8± 2.5	30.1± 3.2	30.8± 3.0	31.4± 3.4
800 ppm	25.6± 1.6	26.7± 2.1	27.9± 2.4	29.1± 2.9	30.7± 3.4	31.5± 3.6	32.3± 3.5
2000 ppm	25.2± 1.6	26.2± 2.0	27.1± 2.1	28.6± 3.1	29.7± 3.2	30.4± 3.2	31.2± 3.1
5000 ppm	25.2± 1.4	26.1± 1.7	27.4± 1.7	28.5± 2.3	29.7± 2.6	30.3± 2.8	31.2± 3.0

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

Test of Dunnett

(HAN260)

BAIS 4



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 10

Group Name	Administration week-day						
	42-7	46-7	50-7	54-7	58-7	62-7	66-7
Control	32.4± 3.6	32.7± 3.4	33.1± 3.6	33.2± 3.7	33.5± 3.6	33.8± 3.9	34.5± 4.6
800 ppm	32.7± 3.7	33.3± 3.8	33.9± 3.9	33.9± 4.1	34.4± 4.3	35.1± 4.6	35.1± 4.6
2000 ppm	31.9± 3.6	32.3± 3.3	33.2± 3.6	33.5± 3.5	33.5± 3.3	33.7± 3.4	34.7± 3.6
5000 ppm	31.9± 3.0	32.4± 3.1	32.7± 3.6	32.8± 3.5	33.5± 3.7	34.2± 3.7	34.5± 3.7

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 11

Group Name	Administration		week-day									
	70-7		74-7		78-7		82-7		86-7		90-7	
Control	34.5±	4.7	34.6±	4.9	35.6±	4.6	35.5±	4.4	36.0±	5.1	36.3±	5.0
800 ppm	35.4±	4.8	36.1±	4.9	36.8±	4.8	36.9±	4.7	37.4±	4.6	36.9±	4.5
2000 ppm	34.4±	3.9	34.3±	4.5	35.1±	4.6	35.5±	3.9	36.3±	4.2	36.0±	3.8
5000 ppm	35.0±	3.8	35.3±	4.1	35.1±	4.0	35.2±	4.0	35.8±	4.1	35.7±	5.0

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 12

Group Name	Administration week-day		
	98-7	102-7	104-7
Control	36.0± 4.7	36.2± 5.2	35.7± 5.2
800 ppm	37.1± 3.8	38.0± 6.4	36.1± 4.2
2000 ppm	34.6± 5.2	36.2± 3.8	36.0± 3.7
5000 ppm	35.9± 4.1	35.8± 5.1	35.9± 6.7

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

Test of Dunnett

(HAN260)

BAIS 4

TABLE D 1

FOOD CONSUMPTION CHANGES AND  
SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

PAGE : 1

Week-Day on Study	Control		800 ppm		2000 ppm		5000 ppm				
	Av. FC.	No. of Surviv. <50>	Av. FC.	% of cont. <50>	No. of Surviv.	Av. FC.	% of cont. <50>	No. of Surviv.	Av. FC.	% of cont. <50>	No. of Surviv.
1-7	4.2 (50)	50/50	4.1 (50)	98	50/50	4.1 (50)	98	50/50	4.2 (50)	100	50/50
2-7	4.0 (50)	50/50	3.9 (50)	98	50/50	3.9 (50)	98	50/50	4.0 (50)	100	50/50
3-7	4.0 (50)	50/50	4.0 (50)	100	50/50	4.0 (50)	100	50/50	4.0 (50)	100	50/50
4-7	4.1 (50)	50/50	4.1 (50)	100	50/50	4.0 (50)	98	50/50	4.0 (50)	98	50/50
5-7	4.1 (50)	50/50	4.1 (50)	100	50/50	4.1 (50)	100	50/50	4.1 (50)	100	50/50
6-7	4.2 (50)	50/50	4.1 (50)	98	50/50	4.1 (50)	98	50/50	4.1 (50)	98	50/50
7-7	4.2 (50)	50/50	4.1 (50)	98	50/50	4.1 (50)	98	50/50	4.1 (48)	98	49/50
8-7	4.2 (50)	50/50	4.1 (50)	98	50/50	4.2 (50)	100	50/50	4.2 (49)	100	49/50
9-7	4.1 (50)	50/50	4.1 (50)	100	50/50	4.0 (50)	98	50/50	4.1 (49)	100	49/50
10-7	4.0 (50)	50/50	4.0 (50)	100	50/50	4.0 (50)	100	50/50	4.1 (49)	103	49/50
11-7	4.1 (50)	50/50	4.1 (50)	100	50/50	4.1 (50)	100	50/50	4.1 (49)	100	49/50
12-7	4.2 (50)	50/50	4.2 (50)	100	50/50	4.1 (50)	98	50/50	4.1 (49)	98	49/50
13-7	4.2 (50)	50/50	4.2 (50)	100	50/50	4.1 (50)	98	50/50	4.1 (49)	98	49/50
14-7	4.1 (50)	50/50	4.1 (50)	100	50/50	4.1 (50)	100	50/50	4.1 (49)	100	49/50
18-7	4.3 (50)	50/50	4.2 (50)	98	50/50	4.2 (50)	98	50/50	4.3 (49)	100	49/50
22-7	4.2 (50)	50/50	4.1 (50)	98	50/50	4.1 (50)	98	50/50	4.2 (49)	100	49/50
26-7	4.1 (50)	50/50	4.1 (50)	100	50/50	4.1 (50)	100	50/50	4.1 (49)	100	49/50
30-7	4.2 (50)	50/50	4.1 (50)	98	50/50	4.1 (50)	98	50/50	4.1 (49)	98	49/50
34-7	4.2 (50)	50/50	4.2 (50)	100	50/50	4.2 (50)	100	50/50	4.2 (49)	100	49/50
38-7	4.2 (50)	50/50	4.2 (50)	100	50/50	4.2 (50)	100	50/50	4.2 (49)	100	49/50
42-7	4.4 (50)	50/50	4.4 (50)	100	50/50	4.5 (50)	102	50/50	4.5 (49)	102	49/50
46-7	4.5 (50)	50/50	4.5 (49)	100	49/50	4.5 (50)	100	50/50	4.4 (48)	98	48/50
50-7	4.5 (50)	50/50	4.4 (49)	98	49/50	4.5 (50)	100	50/50	4.4 (47)	98	47/50
54-7	4.4 (50)	50/50	4.4 (49)	100	49/50	4.3 (50)	98	50/50	4.3 (47)	98	47/50
58-7	4.5 (50)	50/50	4.5 (48)	100	48/50	4.5 (50)	100	50/50	4.5 (45)	100	45/50
62-7	4.6 (50)	50/50	4.6 (48)	100	48/50	4.5 (50)	98	50/50	4.5 (44)	98	44/50
66-7	4.6 (50)	50/50	4.6 (48)	100	48/50	4.6 (50)	100	50/50	4.7 (43)	102	43/50
70-7	4.8 (50)	50/50	4.7 (48)	98	48/50	4.6 (50)	96	50/50	4.7 (42)	98	42/50
74-7	4.8 (50)	50/50	4.8 (47)	100	47/50	4.7 (49)	98	49/50	4.7 (42)	98	42/50
78-7	4.7 (49)	49/50	4.7 (47)	100	47/50	4.6 (47)	98	47/50	4.6 (42)	98	42/50
82-7	4.7 (49)	49/50	4.6 (45)	98	45/50	4.6 (45)	98	45/50	4.5 (39)	96	39/50
86-7	4.7 (48)	48/50	4.5 (44)	96	44/50	4.6 (43)	98	43/50	4.7 (39)	100	39/50
90-7	4.7 (47)	47/50	4.7 (42)	100	42/50	4.6 (42)	98	42/50	4.8 (36)	102	36/50
94-7	4.7 (46)	46/50	4.7 (39)	100	39/50	4.6 (42)	98	42/50	4.8 (35)	102	35/50
98-7	4.9 (45)	45/50	4.8 (35)	98	35/50	4.6 (41)	94	41/50	4.7 (34)	96	34/50
102-7	4.8 (42)	42/50	4.7 (34)	98	34/50	4.7 (38)	98	38/50	4.7 (33)	98	33/50
104-7	4.8 (41)	41/50	4.6 (31)	96	31/50	4.7 (37)	98	37/50	4.8 (33)	100	33/50
< >:No. of effective animals, ( ):No. of measured animals											
Av. FC. : g											

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

TABLE D 2

FOOD CONSUMPTION CHANGES AND  
SURVIVAL ANIMAL NUMBERS: FEMALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

MEAN FOOD CONSUMPTION(FC) AND SURVIVAL

PAGE : 2

Week-Day on Study	Control		800 ppm		2000 ppm		5000 ppm				
	Av. FC.	No. of Surviv. <50>	Av. FC.	% of cont. <50>	No. of Surviv.	Av. FC.	% of cont. <50>	No. of Surviv.	Av. FC.	% of cont. <50>	No. of Surviv.
1-7	3.6 (50)	50/50	3.6 (50)	100	50/50	3.7 (50)	103	50/50	3.5 (50)	97	50/50
2-7	3.5 (50)	50/50	3.5 (50)	100	50/50	3.5 (50)	100	50/50	3.5 (50)	100	50/50
3-7	3.6 (50)	50/50	3.5 (50)	97	50/50	3.6 (50)	100	50/50	3.6 (50)	100	50/50
4-7	3.6 (50)	50/50	3.6 (50)	100	50/50	3.7 (50)	103	50/50	3.6 (50)	100	50/50
5-7	3.7 (50)	50/50	3.6 (50)	97	50/50	3.7 (50)	100	50/50	3.7 (50)	100	50/50
6-7	3.8 (50)	50/50	3.7 (50)	97	50/50	3.8 (50)	100	50/50	3.8 (50)	100	50/50
7-7	3.8 (50)	50/50	3.8 (50)	100	50/50	3.9 (50)	103	50/50	3.8 (50)	100	50/50
8-7	3.9 (49)	50/50	3.9 (50)	100	50/50	4.0 (50)	103	50/50	3.9 (50)	100	50/50
9-7	3.9 (50)	50/50	3.8 (50)	97	50/50	3.8 (50)	97	50/50	3.9 (50)	100	50/50
10-7	3.7 (50)	50/50	3.7 (50)	100	50/50	3.8 (50)	103	50/50	3.7 (50)	100	50/50
11-7	3.7 (50)	50/50	3.7 (50)	100	50/50	3.8 (50)	103	50/50	3.8 (50)	103	50/50
12-7	3.8 (49)	50/50	3.7 (50)	97	50/50	3.8 (50)	100	50/50	3.9 (50)	103	50/50
13-7	3.8 (49)	50/50	3.7 (50)	97	50/50	3.8 (50)	100	50/50	3.8 (50)	100	50/50
14-7	3.7 (50)	50/50	3.7 (50)	100	50/50	3.8 (50)	103	50/50	3.8 (50)	103	50/50
18-7	3.8 (50)	50/50	3.8 (50)	100	50/50	3.8 (50)	100	50/50	3.9 (50)	103	50/50
22-7	3.8 (50)	50/50	3.8 (50)	100	50/50	3.8 (50)	100	50/50	3.9 (50)	103	50/50
26-7	3.8 (50)	50/50	3.8 (50)	100	50/50	3.8 (50)	100	50/50	3.9 (50)	103	50/50
30-7	3.8 (49)	49/50	3.9 (50)	103	50/50	3.8 (50)	100	50/50	3.8 (50)	100	50/50
34-7	3.9 (49)	49/50	3.9 (50)	100	50/50	3.9 (50)	100	50/50	3.9 (50)	100	50/50
38-7	3.9 (49)	49/50	3.9 (50)	100	50/50	4.0 (49)	103	49/50	3.9 (50)	100	50/50
42-7	4.1 (49)	49/50	3.9 (50)	95	50/50	4.0 (49)	98	49/50	4.1 (50)	100	50/50
46-7	4.0 (49)	49/50	3.9 (50)	98	50/50	4.0 (49)	100	49/50	4.0 (49)	100	49/50
50-7	3.8 (49)	49/50	3.8 (50)	100	50/50	3.9 (49)	103	49/50	3.9 (49)	103	49/50
54-7	3.9 (49)	49/50	3.9 (49)	100	49/50	4.0 (49)	103	49/50	3.9 (49)	100	49/50
58-7	4.0 (49)	49/50	4.1 (49)	103	49/50	4.1 (49)	103	49/50	4.1 (49)	103	49/50
62-7	4.1 (49)	49/50	4.3 (49)	105	49/50	4.2 (49)	102	49/50	4.3 (48)	105	48/50
66-7	4.2 (48)	48/50	4.2 (49)	100	49/50	4.3 (49)	102	49/50	4.2 (48)	100	48/50
70-7	4.1 (47)	48/50	4.0 (47)	98	47/50	4.1 (47)	100	47/50	4.1 (46)	100	46/50
74-7	4.1 (48)	48/50	4.1 (46)	100	46/50	4.1 (47)	100	47/50	4.3 (45)	105	45/50
78-7	4.3 (45)	45/50	4.3 (45)	100	46/50	4.2 (44)	98	44/50	4.2 (45)	98	45/50
82-7	4.1 (44)	44/50	3.9 (46)	95	46/50	4.0 (43)	98	43/50	4.1 (45)	100	45/50
86-7	4.0 (44)	44/50	4.0 (43)	100	43/50	4.1 (40)	103	40/50	4.1 (40)	103	40/50
90-7	4.2 (43)	43/50	4.0 (39)	95	39/50	4.1 (40)	98	40/50	4.2 (37)	100	37/50
94-7	4.2 (42)	42/50	4.3 (34)	102	34/50	4.3 (36)	102	36/50	4.5 (33)	107	33/50
98-7	4.2 (38)	38/50	4.4 (33)	105	33/50	4.1 (34)	98	34/50	4.4 (30)	105	30/50
102-7	4.5 (37)	37/50	4.6 (32)	102	32/50	4.6 (26)	102	26/50	4.4 (26)	98	26/50
104-7	4.4 (36)	36/50	4.1 (29)	93	29/50	4.4 (23)	100	23/50	4.6 (24)	105	24/50

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

Av. FC. : g

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

**TABLE D 3**

**FOOD CONSUMPTION CHANGES: MALE**



STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 1

Group Name	Administration week-day(effective)						
	1-7(7)	2-7(7)	3-7(7)	4-7(7)	5-7(7)	6-7(7)	7-7(7)
Control	4.2± 0.4	4.0± 0.3	4.0± 0.3	4.1± 0.3	4.1± 0.3	4.2± 0.3	4.2± 0.3
800 ppm	4.1± 0.3	3.9± 0.3	4.0± 0.3	4.1± 0.3	4.1± 0.4	4.1± 0.3	4.1± 0.3
2000 ppm	4.1± 0.3	3.9± 0.4	4.0± 0.3	4.0± 0.3	4.1± 0.3	4.1± 0.3	4.1± 0.3
5000 ppm	4.2± 0.3	4.0± 0.3	4.0± 0.3	4.0± 0.3	4.1± 0.4	4.1± 0.5	4.1± 0.3

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 2

Group Name	Administration week-day(effective)						
	8-7(7)	9-7(7)	10-7(7)	11-7(7)	12-7(7)	13-7(7)	14-7(7)
Control	4.2± 0.3	4.1± 0.3	4.0± 0.3	4.1± 0.3	4.2± 0.3	4.2± 0.3	4.1± 0.3
800 ppm	4.1± 0.3	4.1± 0.2	4.0± 0.3	4.1± 0.3	4.2± 0.3	4.2± 0.3	4.1± 0.3
2000 ppm	4.2± 0.3	4.0± 0.3	4.0± 0.3	4.1± 0.3	4.1± 0.3	4.1± 0.3	4.1± 0.3
5000 ppm	4.2± 0.3	4.1± 0.3	4.1± 0.3	4.1± 0.3	4.1± 0.3	4.1± 0.3	4.1± 0.3

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 3

Group Name	Administration week-day(effective)						
	18-7(7)	22-7(7)	26-7(7)	30-7(7)	34-7(7)	38-7(7)	42-7(7)
Control	4.3± 0.3	4.2± 0.3	4.1± 0.3	4.2± 0.3	4.2± 0.2	4.2± 0.3	4.4± 0.3
800 ppm	4.2± 0.3	4.1± 0.3	4.1± 0.3	4.1± 0.3	4.2± 0.3	4.2± 0.3	4.4± 0.3
2000 ppm	4.2± 0.3	4.1± 0.3	4.1± 0.3	4.1± 0.3	4.2± 0.3	4.2± 0.3	4.5± 0.3
5000 ppm	4.3± 0.3	4.2± 0.3	4.1± 0.3	4.1± 0.3	4.2± 0.2	4.2± 0.3	4.5± 0.3

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 4

Group Name	Administration week-day(effective)						
	46-7(7)	50-7(7)	54-7(7)	58-7(7)	62-7(7)	66-7(7)	70-7(7)
Control	4.5± 0.3	4.5± 0.3	4.4± 0.4	4.5± 0.3	4.6± 0.3	4.6± 0.3	4.8± 0.3
800 ppm	4.5± 0.5	4.4± 0.3	4.4± 0.3	4.5± 0.3	4.6± 0.3	4.6± 0.3	4.7± 0.3
2000 ppm	4.5± 0.3	4.5± 0.3	4.3± 0.4	4.5± 0.3	4.5± 0.3	4.6± 0.3	4.6± 0.5
5000 ppm	4.4± 0.5	4.4± 0.3	4.3± 0.5	4.5± 0.3	4.5± 0.4	4.7± 0.3	4.7± 0.4

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 5

Group Name	Administration week-day(effective)						
	74-7(7)	78-7(7)	82-7(7)	86-7(7)	90-7(7)	94-7(7)	98-7(7)
Control	4.8± 0.4	4.7± 0.5	4.7± 0.5	4.7± 0.4	4.7± 0.7	4.7± 0.4	4.9± 0.6
800 ppm	4.8± 0.3	4.7± 0.7	4.6± 0.7	4.5± 0.7	4.7± 0.4	4.7± 0.7	4.8± 0.4
2000 ppm	4.7± 0.4	4.6± 0.6	4.6± 0.4	4.6± 0.3	4.6± 0.4	4.6± 0.6	4.6± 0.8
5000 ppm	4.7± 0.6	4.6± 0.5	4.5± 0.5	4.7± 0.5	4.8± 0.4	4.8± 0.4	4.7± 0.4

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 6

Group Name	Administration week-day(effective)	
	102-7(7)	104-7(7)
Control	4.8± 0.5	4.8± 0.4
800 ppm	4.7± 0.4	4.6± 0.5
2000 ppm	4.7± 0.5	4.7± 0.5
5000 ppm	4.7± 0.5	4.8± 0.4

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

Test of Dunnett

(HAN260)

BAIS 4

**TABLE D 4**

**FOOD CONSUMPTION CHANGES: FEMALE**

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : AI 104  
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 7

Group Name	Administration week-day(effective)						
	1-7(7)	2-7(7)	3-7(7)	4-7(7)	5-7(7)	6-7(7)	7-7(7)
Control	3.6± 0.4	3.5± 0.3	3.6± 0.2	3.6± 0.2	3.7± 0.3	3.8± 0.2	3.8± 0.3
800 ppm	3.6± 0.3	3.5± 0.2	3.5± 0.2	3.6± 0.2	3.6± 0.2	3.7± 0.2	3.8± 0.2
2000 ppm	3.7± 0.3	3.5± 0.2	3.6± 0.2	3.7± 0.2	3.7± 0.2	3.8± 0.2	3.9± 0.2
5000 ppm	3.5± 0.4	3.5± 0.3	3.6± 0.2	3.6± 0.2	3.7± 0.2	3.8± 0.2	3.8± 0.3

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

Test of Dunnett

(HAN260)

BAIS 4



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 8

Group Name	Administration week-day(effective)						
	8-7(7)	9-7(7)	10-7(7)	11-7(7)	12-7(7)	13-7(7)	14-7(7)
Control	3.9± 0.3	3.9± 0.3	3.7± 0.2	3.7± 0.2	3.8± 0.2	3.8± 0.3	3.7± 0.3
800 ppm	3.9± 0.3	3.8± 0.2	3.7± 0.3	3.7± 0.3	3.7± 0.3	3.7± 0.3	3.7± 0.3
2000 ppm	4.0± 0.4	3.8± 0.2	3.8± 0.2	3.8± 0.3	3.8± 0.3	3.8± 0.3	3.8± 0.3
5000 ppm	3.9± 0.4	3.9± 0.3	3.7± 0.3	3.8± 0.3	3.9± 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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 9

Group Name	Administration week-day(effective)						
	18-7(7)	22-7(7)	26-7(7)	30-7(7)	34-7(7)	38-7(7)	42-7(7)
Control	3.8± 0.3	3.8± 0.3	3.8± 0.3	3.8± 0.4	3.9± 0.3	3.9± 0.4	4.1± 0.3
800 ppm	3.8± 0.3	3.8± 0.4	3.8± 0.3	3.9± 0.4	3.9± 0.4	3.9± 0.4	3.9± 0.4*
2000 ppm	3.8± 0.4	3.8± 0.4	3.8± 0.4	3.8± 0.4	3.9± 0.3	4.0± 0.4	4.0± 0.4
5000 ppm	3.9± 0.3	3.9± 0.4	3.9± 0.3	3.8± 0.3	3.9± 0.4	3.9± 0.4	4.1± 0.4

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : AI 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 10

Group Name	Administration week-day(effective)						
	46-7(7)	50-7(7)	54-7(7)	58-7(7)	62-7(7)	66-7(7)	70-7(7)
Control	4.0± 0.3	3.8± 0.4	3.9± 0.4	4.0± 0.4	4.1± 0.5	4.2± 0.5	4.1± 0.4
800 ppm	3.9± 0.4	3.8± 0.4	3.9± 0.5	4.1± 0.5	4.3± 0.5	4.2± 0.5	4.0± 0.5
2000 ppm	4.0± 0.4	3.9± 0.3	4.0± 0.4	4.1± 0.3	4.2± 0.4	4.3± 0.5	4.1± 0.4
5000 ppm	4.0± 0.4	3.9± 0.5	3.9± 0.4	4.1± 0.4	4.3± 0.4	4.2± 0.4	4.1± 0.5

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : AI 104  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 11

Group Name	Administration		week-day(effective)		82-7(7)	86-7(7)	90-7(7)	94-7(7)	98-7(7)
	74-7(7)		78-7(7)						
Control	4.1± 0.5		4.3± 0.5		4.1± 0.4	4.0± 0.6	4.2± 0.4	4.2± 0.6	4.2± 0.5
800 ppm	4.1± 0.4		4.3± 0.5		3.9± 0.6	4.0± 0.6	4.0± 0.8	4.3± 0.6	4.4± 0.6
2000 ppm	4.1± 0.5		4.2± 0.5		4.0± 0.6	4.1± 0.4	4.1± 0.6	4.3± 0.9	4.1± 0.8
5000 ppm	4.3± 0.5		4.2± 0.6		4.1± 0.8	4.1± 0.7	4.2± 0.6	4.5± 0.5	4.4± 0.5

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 12

Group Name	Administration week-day(effective)	
	102-7(7)	104-7(7)
Control	4.5± 0.7	4.4± 0.8
800 ppm	4.6± 0.9	4.1± 0.8
2000 ppm	4.6± 0.8	4.4± 0.5
5000 ppm	4.4± 0.8	4.6± 1.0

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

Test of Dunnett

(HAN260)

BAIS 4

TABLE E 1

WATER CONSUMPTION CHANGES AND  
SURVIVAL ANIMAL NUMBERS: MALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

MEAN WATER CONSUMPTION(WC) AND SURVIVAL

PAGE : 1

Week-Day on Study	Control		800 ppm		2000 ppm		5000 ppm				
	Av. WC.	No. of Surviv. <50>	Av. WC.	% of cont. <50>	No. of Surviv.	Av. WC.	% of cont. <50>	No. of Surviv.	Av. WC.	% of cont. <50>	No. of Surviv.
1-7	4.4 (49)	50/50	4.2 (49)	95	50/50	4.1 (50)	93	50/50	4.3 (49)	98	50/50
2-7	4.3 (48)	50/50	4.2 (50)	98	50/50	4.0 (50)	93	50/50	4.3 (49)	100	50/50
3-7	4.3 (48)	50/50	4.3 (50)	100	50/50	3.9 (49)	91	50/50	4.1 (47)	95	50/50
4-7	4.3 (50)	50/50	4.2 (50)	98	50/50	3.9 (49)	91	50/50	4.1 (49)	95	50/50
5-7	4.2 (50)	50/50	4.2 (50)	100	50/50	3.9 (49)	93	50/50	4.0 (49)	95	50/50
6-7	4.1 (50)	50/50	4.0 (50)	98	50/50	3.8 (50)	93	50/50	3.7 (49)	90	50/50
7-7	4.1 (50)	50/50	3.9 (50)	95	50/50	3.9 (50)	95	50/50	3.8 (49)	93	49/50
8-7	4.0 (50)	50/50	4.0 (50)	100	50/50	3.9 (50)	98	50/50	3.9 (48)	98	49/50
9-7	3.9 (50)	50/50	3.9 (50)	100	50/50	3.9 (50)	100	50/50	3.8 (49)	97	49/50
10-7	3.9 (50)	50/50	3.8 (50)	97	50/50	3.7 (50)	95	50/50	3.6 (49)	92	49/50
11-7	3.8 (50)	50/50	3.8 (50)	100	50/50	3.6 (50)	95	50/50	3.6 (49)	95	49/50
12-7	3.8 (50)	50/50	3.8 (50)	100	50/50	3.7 (50)	97	50/50	3.7 (49)	97	49/50
13-7	3.8 (50)	50/50	3.9 (50)	103	50/50	3.7 (50)	97	50/50	3.7 (49)	97	49/50
14-7	3.7 (50)	50/50	3.7 (50)	100	50/50	3.6 (50)	97	50/50	3.6 (49)	97	49/50
18-7	3.6 (50)	50/50	3.7 (50)	103	50/50	3.6 (50)	100	50/50	3.5 (49)	97	49/50
22-7	3.5 (50)	50/50	3.5 (50)	100	50/50	3.4 (50)	97	50/50	3.4 (49)	97	49/50
26-7	3.4 (50)	50/50	3.4 (50)	100	50/50	3.4 (50)	100	50/50	3.4 (49)	100	49/50
30-7	3.3 (50)	50/50	3.4 (50)	103	50/50	3.3 (50)	100	50/50	3.3 (49)	100	49/50
34-7	3.5 (50)	50/50	3.7 (50)	106	50/50	3.6 (50)	103	50/50	3.6 (49)	103	49/50
38-7	3.5 (50)	50/50	3.6 (50)	103	50/50	3.5 (50)	100	50/50	3.4 (49)	97	49/50
42-7	3.6 (46)	50/50	3.8 (50)	106	50/50	3.7 (50)	103	50/50	3.6 (49)	100	49/50
46-7	3.6 (50)	50/50	3.7 (49)	103	49/50	3.6 (50)	100	50/50	3.5 (48)	97	48/50
50-7	3.8 (50)	50/50	3.7 (49)	97	49/50	3.7 (50)	97	50/50	3.6 (47)	95	47/50
54-7	3.8 (50)	50/50	4.0 (49)	105	49/50	3.8 (50)	100	50/50	3.7 (47)	97	47/50
58-7	3.9 (50)	50/50	3.9 (48)	100	48/50	3.9 (50)	100	50/50	3.7 (44)	95	45/50
62-7	4.0 (50)	50/50	4.0 (48)	100	48/50	3.9 (49)	98	50/50	3.8 (44)	95	44/50
66-7	4.1 (50)	50/50	4.1 (48)	100	48/50	4.1 (50)	100	50/50	3.9 (43)	95	43/50
70-7	4.2 (49)	50/50	4.3 (48)	102	48/50	3.9 (48)	93	50/50	4.0 (42)	95	42/50
74-7	4.4 (50)	50/50	4.5 (47)	102	47/50	4.2 (48)	95	49/50	4.1 (42)	93	42/50
78-7	4.3 (49)	49/50	4.3 (47)	100	47/50	4.0 (46)	93	47/50	3.9 (41)	91	42/50
82-7	4.3 (48)	49/50	4.4 (45)	102	45/50	3.9 (44)	91	45/50	3.9 (39)	91	39/50
86-7	4.4 (48)	48/50	4.5 (42)	102	44/50	4.2 (42)	95	43/50	4.1 (38)	93	39/50
90-7	4.3 (46)	47/50	4.6 (40)	107	42/50	4.2 (41)	98	42/50	4.2 (35)	98	36/50
94-7	4.6 (42)	46/50	4.5 (35)	98	39/50	4.4 (41)	96	42/50	4.2 (35)	91	35/50
98-7	4.7 (42)	45/50	4.8 (32)	102	35/50	4.4 (38)	94	41/50	4.2 (34)	89	34/50
102-7	5.2 (40)	42/50	4.9 (32)	94	34/50	4.8 (35)	92	38/50	4.4 (33)	85	33/50
104-7	4.7 (38)	41/50	4.9 (29)	104	31/50	4.7 (33)	100	37/50	4.5 (32)	96	33/50
< >:No. of effective animals, ( ) :No. of measured animals											
Av. WC. : g											

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

**TABLE E 2**

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



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

MEAN WATER CONSUMPTION(WC) AND SURVIVAL

PAGE : 2

Week-Day on Study	Control		800 ppm		2000 ppm		5000 ppm				
	Av. WC.	No. of Surviv. <50>	Av. WC.	% of cont. <50>	No. of Surviv.	Av. WC.	% of cont. <50>	No. of Surviv.	Av. WC.	% of cont. <50>	No. of Surviv.
1-7	4.3 (50)	50/50	4.2 (50)	98	50/50	4.2 (50)	98	50/50	3.9 (50)	91	50/50
2-7	4.2 (50)	50/50	3.9 (50)	93	50/50	4.1 (50)	98	50/50	3.9 (50)	93	50/50
3-7	4.2 (50)	50/50	4.0 (50)	95	50/50	4.2 (50)	100	50/50	4.0 (50)	95	50/50
4-7	4.1 (50)	50/50	3.9 (50)	95	50/50	4.1 (50)	100	50/50	3.9 (50)	95	50/50
5-7	4.1 (50)	50/50	4.0 (50)	98	50/50	4.1 (50)	100	50/50	3.9 (50)	95	50/50
6-7	4.0 (50)	50/50	4.0 (50)	100	50/50	4.0 (50)	100	50/50	3.9 (50)	98	50/50
7-7	4.1 (50)	50/50	4.0 (50)	98	50/50	4.0 (50)	98	50/50	3.8 (50)	93	50/50
8-7	4.2 (50)	50/50	4.0 (50)	95	50/50	4.0 (50)	95	50/50	3.9 (50)	93	50/50
9-7	4.1 (50)	50/50	4.0 (50)	98	50/50	4.1 (50)	100	50/50	3.9 (50)	95	50/50
10-7	4.0 (50)	50/50	3.8 (50)	95	50/50	3.9 (50)	98	50/50	3.6 (50)	90	50/50
11-7	4.0 (50)	50/50	3.9 (50)	98	50/50	3.8 (50)	95	50/50	3.6 (50)	90	50/50
12-7	4.1 (50)	50/50	3.9 (50)	95	50/50	4.0 (50)	98	50/50	3.7 (50)	90	50/50
13-7	3.9 (50)	50/50	3.8 (50)	97	50/50	3.7 (50)	95	50/50	3.6 (50)	92	50/50
14-7	3.8 (50)	50/50	3.6 (50)	95	50/50	3.7 (50)	97	50/50	3.5 (50)	92	50/50
18-7	4.0 (50)	50/50	3.8 (50)	95	50/50	3.9 (50)	98	50/50	3.5 (50)	88	50/50
22-7	3.8 (50)	50/50	3.7 (50)	97	50/50	3.6 (50)	95	50/50	3.4 (50)	89	50/50
26-7	3.8 (50)	50/50	3.7 (50)	97	50/50	3.6 (50)	95	50/50	3.2 (50)	84	50/50
30-7	3.8 (49)	49/50	3.7 (50)	97	50/50	3.5 (50)	92	50/50	3.2 (50)	84	50/50
34-7	3.8 (49)	49/50	3.7 (50)	97	50/50	3.6 (48)	95	50/50	3.3 (50)	87	50/50
38-7	3.9 (49)	49/50	3.6 (50)	92	50/50	3.6 (49)	92	49/50	3.3 (50)	85	50/50
42-7	4.0 (49)	49/50	3.8 (50)	95	50/50	3.8 (49)	95	49/50	3.3 (49)	83	50/50
46-7	3.9 (49)	49/50	3.7 (50)	95	50/50	- ( - )	-	49/50	3.0 (49)	77	49/50
50-7	4.0 (49)	49/50	3.7 (50)	93	50/50	3.7 (49)	93	49/50	3.4 (49)	85	49/50
54-7	4.0 (49)	49/50	3.7 (49)	93	49/50	3.7 (49)	93	49/50	3.4 (49)	85	49/50
58-7	4.1 (49)	49/50	4.0 (49)	98	49/50	3.9 (49)	95	49/50	3.4 (49)	83	49/50
62-7	4.0 (49)	49/50	3.7 (48)	93	49/50	3.7 (49)	93	49/50	3.4 (48)	85	48/50
66-7	4.3 (48)	48/50	3.8 (48)	88	49/50	3.8 (49)	88	49/50	3.3 (48)	77	48/50
70-7	4.0 (47)	48/50	3.7 (46)	93	47/50	3.7 (47)	93	47/50	3.4 (46)	85	46/50
74-7	4.2 (47)	48/50	3.8 (46)	90	46/50	3.8 (46)	90	47/50	3.6 (45)	86	45/50
78-7	4.4 (45)	45/50	3.9 (46)	89	46/50	4.0 (43)	91	44/50	3.4 (45)	77	45/50
82-7	4.1 (44)	44/50	3.6 (46)	88	46/50	3.7 (43)	90	43/50	3.4 (45)	83	45/50
86-7	4.1 (44)	44/50	3.8 (43)	93	43/50	3.6 (40)	88	40/50	3.4 (39)	83	40/50
90-7	4.3 (43)	43/50	3.8 (39)	88	39/50	3.7 (40)	86	40/50	3.6 (37)	84	37/50
94-7	4.5 (42)	42/50	4.0 (33)	89	34/50	3.8 (36)	84	36/50	3.6 (33)	80	33/50
98-7	4.2 (38)	38/50	4.3 (33)	102	33/50	4.0 (34)	95	34/50	3.7 (30)	88	30/50
102-7	4.4 (37)	37/50	4.2 (32)	95	32/50	4.0 (26)	91	26/50	3.8 (26)	86	26/50
104-7	4.4 (35)	36/50	4.1 (29)	93	29/50	4.0 (22)	91	23/50	3.9 (24)	89	24/50

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

Av. WC. : g

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

TABLE E 3

WATER CONSUMPTION CHANGES: MALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 1

Group Name	Administration week-day(effective)						
	1-7(3)	2-7(3)	3-7(3)	4-7(3)	5-7(3)	6-7(3)	7-7(3)
Control	4.4± 1.1	4.3± 0.9	4.3± 0.8	4.3± 0.9	4.2± 0.9	4.1± 0.9	4.1± 0.7
800 ppm	4.2± 0.7	4.2± 0.8	4.3± 0.7	4.2± 0.7	4.2± 0.7	4.0± 0.7	3.9± 0.6
2000 ppm	4.1± 0.8	4.0± 0.9	3.9± 0.6*	3.9± 0.6	3.9± 0.6	3.8± 0.8	3.9± 0.8
5000 ppm	4.3± 0.8	4.3± 1.1	4.1± 0.7	4.1± 0.9	4.0± 0.7	3.7± 0.7*	3.8± 0.8

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 2

Group Name	Administration week-day(effective)						
	8-7(3)	9-7(3)	10-7(3)	11-7(3)	12-7(3)	13-7(3)	14-7(3)
Control	4.0± 0.7	3.9± 0.6	3.9± 0.6	3.8± 0.7	3.8± 0.5	3.8± 0.5	3.7± 0.6
800 ppm	4.0± 0.6	3.9± 0.6	3.8± 0.6	3.8± 0.6	3.8± 0.6	3.9± 0.6	3.7± 0.5
2000 ppm	3.9± 0.8	3.9± 0.7	3.7± 0.7	3.6± 0.6	3.7± 0.5	3.7± 0.5	3.6± 0.6
5000 ppm	3.9± 0.6	3.8± 0.9	3.6± 0.7	3.6± 0.7	3.7± 0.7	3.7± 0.6	3.6± 0.7

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 3

Group Name	Administration week-day(effective)						
	18-7(3)	22-7(3)	26-7(3)	30-7(3)	34-7(3)	38-7(3)	42-7(3)
Control	3.6± 0.5	3.5± 0.4	3.4± 0.4	3.3± 0.3	3.5± 0.3	3.5± 0.4	3.6± 0.6
800 ppm	3.7± 0.4	3.5± 0.4	3.4± 0.4	3.4± 0.3	3.7± 0.3	3.6± 0.3	3.8± 0.3
2000 ppm	3.6± 0.5	3.4± 0.4	3.4± 0.4	3.3± 0.5	3.6± 0.4	3.5± 0.6	3.7± 0.5
5000 ppm	3.5± 0.6	3.4± 0.5	3.4± 0.5	3.3± 0.4	3.6± 0.5	3.4± 0.4	3.6± 0.4

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : AI 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 4

Group Name	Administration week-day(effective)						
	46-7(3)	50-7(3)	54-7(3)	58-7(3)	62-7(3)	66-7(3)	70-7(3)
Control	3.6± 0.3	3.8± 0.4	3.8± 0.4	3.9± 0.5	4.0± 0.5	4.1± 0.6	4.2± 0.5
800 ppm	3.7± 0.5	3.7± 0.4	4.0± 0.7	3.9± 0.4	4.0± 0.4	4.1± 0.5	4.3± 0.4
2000 ppm	3.6± 0.4	3.7± 0.5	3.8± 0.5	3.9± 0.6	3.9± 0.5	4.1± 0.8	3.9± 0.5*
5000 ppm	3.5± 0.6	3.6± 0.4	3.7± 0.5	3.7± 0.6*	3.8± 0.6	3.9± 0.6	4.0± 0.6

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 5

Group Name	Administration week-day(effective)						
	74-7(3)	78-7(3)	82-7(3)	86-7(3)	90-7(3)	94-7(3)	98-7(3)
Control	4.4± 0.7	4.3± 0.7	4.3± 0.9	4.4± 0.8	4.3± 0.8	4.6± 0.7	4.7± 0.9
800 ppm	4.5± 0.5	4.3± 0.9	4.4± 1.0	4.5± 0.9	4.6± 0.8	4.5± 0.7	4.8± 0.8
2000 ppm	4.2± 0.7	4.0± 0.6	3.9± 0.4	4.2± 0.6	4.2± 0.7	4.4± 0.8	4.4± 1.3
5000 ppm	4.1± 0.8*	3.9± 0.7*	3.9± 0.9*	4.1± 0.6*	4.2± 0.6	4.2± 0.6	4.2± 0.6*

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : MALE

WATER CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 6

Group Name	Administration week-day(effective)	
	102-7(3)	104-7(3)
Control	5.2± 1.1	4.7± 0.8
800 ppm	4.9± 0.9	4.9± 1.0
2000 ppm	4.8± 0.9	4.7± 0.8
5000 ppm	4.4± 0.7**	4.5± 0.7

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

Test of Dunnett

(HAN260)

BAIS 4



TABLE E 4

WATER CONSUMPTION CHANGES: FEMALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 7

Group Name	Administration week-day(effective)						
	1-7(3)	2-7(3)	3-7(3)	4-7(3)	5-7(3)	6-7(3)	7-7(3)
Control	4.3± 0.4	4.2± 0.4	4.2± 0.4	4.1± 0.4	4.1± 0.4	4.0± 0.4	4.1± 0.4
800 ppm	4.2± 0.5	3.9± 0.5**	4.0± 0.5*	3.9± 0.4	4.0± 0.4	4.0± 0.5	4.0± 0.5
2000 ppm	4.2± 0.4	4.1± 0.4	4.2± 0.4	4.1± 0.4	4.1± 0.4	4.0± 0.4	4.0± 0.4
5000 ppm	3.9± 0.4**	3.9± 0.4**	4.0± 0.4*	3.9± 0.4	3.9± 0.4	3.9± 0.4	3.8± 0.4**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 8

Group Name	Administration week-day(effective)						
	8-7(3)	9-7(3)	10-7(3)	11-7(3)	12-7(3)	13-7(3)	14-7(3)
Control	4.2± 0.4	4.1± 0.4	4.0± 0.4	4.0± 0.4	4.1± 0.4	3.9± 0.5	3.8± 0.4
800 ppm	4.0± 0.5	4.0± 0.4	3.8± 0.4	3.9± 0.4	3.9± 0.4*	3.8± 0.4	3.6± 0.4
2000 ppm	4.0± 0.4	4.1± 0.5	3.9± 0.4	3.8± 0.4	4.0± 0.6	3.7± 0.4*	3.7± 0.5
5000 ppm	3.9± 0.4**	3.9± 0.3*	3.6± 0.4**	3.6± 0.4**	3.7± 0.4**	3.6± 0.4**	3.5± 0.5**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 9

Group Name	Administration week-day(effective)						
	18-7(3)	22-7(3)	26-7(3)	30-7(3)	34-7(3)	38-7(3)	42-7(3)
Control	4.0± 0.5	3.8± 0.5	3.8± 0.5	3.8± 0.8	3.8± 0.7	3.9± 0.6	4.0± 0.7
800 ppm	3.8± 0.5	3.7± 0.6	3.7± 0.5	3.7± 0.6	3.7± 0.5	3.6± 0.5*	3.8± 0.5
2000 ppm	3.9± 0.5	3.6± 0.5	3.6± 0.5	3.5± 0.5*	3.6± 0.5	3.6± 0.4*	3.8± 0.5
5000 ppm	3.5± 0.6**	3.4± 0.5**	3.2± 0.4**	3.2± 0.5**	3.3± 0.4**	3.3± 0.4**	3.3± 0.4**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 10

Group Name	Administration week-day(effective)						
	46-7(3)	50-7(3)	54-7(3)	58-7(3)	62-7(3)	66-7(3)	70-7(3)
Control	3.9± 0.6	4.0± 0.5	4.0± 0.7	4.1± 0.7	4.0± 0.8	4.3± 0.9	4.0± 0.7
800 ppm	3.7± 0.5*	3.7± 0.5*	3.7± 0.6*	4.0± 0.8	3.7± 0.7	3.8± 0.6**	3.7± 0.7*
2000 ppm	-	3.7± 0.6**	3.7± 0.5*	3.9± 0.7	3.7± 0.6	3.8± 0.5**	3.7± 0.6
5000 ppm	3.0± 0.5**	3.4± 0.4**	3.4± 0.5**	3.4± 1.0**	3.4± 0.4**	3.3± 0.5**	3.4± 0.5**

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

Test of Dunnett

(HAN260)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : g  
 REPORT TYPE : A1 104  
 SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 11

Group Name	Administration week-day(effective)						
	74-7(3)	78-7(3)	82-7(3)	86-7(3)	90-7(3)	94-7(3)	98-7(3)
Control	4.2± 0.8	4.4± 0.9	4.1± 0.9	4.1± 1.0	4.3± 0.9	4.5± 1.0	4.2± 0.7
800 ppm	3.8± 0.7	3.9± 0.6*	3.6± 0.8*	3.8± 0.8	3.8± 1.0	4.0± 0.7*	4.3± 1.0
2000 ppm	3.8± 0.7	4.0± 0.6	3.7± 0.7	3.6± 0.7*	3.7± 0.6**	3.8± 0.7**	4.0± 1.2
5000 ppm	3.6± 0.5**	3.4± 0.6**	3.4± 0.8**	3.4± 0.7**	3.6± 0.7**	3.6± 0.6**	3.7± 0.9**

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

Test of Dunnett

(HAN260)

BATS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : g  
REPORT TYPE : A1 104  
SEX : FEMALE

WATER CONSUMPTION CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 12

Group Name	Administration		week-day(effective)	
	102-7(3)		104-7(3)	
Control	4.4±	1.0	4.4±	0.9
800 ppm	4.2±	0.9	4.1±	0.9
2000 ppm	4.0±	1.0	4.0±	0.8
5000 ppm	3.8±	1.1	3.9±	1.0

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

Test of Dunnett

(HAN260)

BAIS 4

TABLE F 1

CHEMICAL INTAKE CHANGES: MALE



STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : mg/kg/d a y  
REPORT TYPE : A1 104  
SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 1

Group Name	Administration		(Week-Day)											
	1-7		2-7		3-7		4-7		5-7		6-7		7-7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
800 ppm	139±	21	134±	26	133±	23	125±	20	123±	21	114±	19	110±	17
2000 ppm	338±	61	319±	68	306±	43	298±	44	290±	51	277±	61	276±	58
5000 ppm	879±	170	848±	204	786±	117	778±	173	746±	134	676±	114	673±	150

(HAN300)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : ng/kg/d a y  
 REPORT TYPE : AI 104  
 SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 2

Group Name	Administration		(Week-Day)											
	8-7		9-7		10-7		11-7		12-7		13-7		14-7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
800 ppm	110±	18	107±	18	100±	15	99±	16	97±	16	97±	17	90±	15
2000 ppm	272±	59	266±	52	249±	50	237±	43	236±	38	231±	39	220±	39
5000 ppm	664±	116	653±	166	604±	127	589±	120	587±	127	579±	121	552±	127

(HAN300)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : mg/kg/d a y  
 REPORT TYPE : A1 104  
 SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 3

Group Name	Administration		(Week-Day)											
	18-7		22-7		26-7		30-7		34-7		38-7		42-7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
800 ppm	84±	12	77±	10	71±	11	67±	10	69±	9	66±	9	68±	10
2000 ppm	207±	32	189±	29	178±	27	165±	27	171±	27	160±	31	170±	31
5000 ppm	509±	100	471±	91	448±	81	403±	71	426±	77	400±	66	405±	65

(HAN300)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : ng/kg/d a y  
 REPORT TYPE : A1 104  
 SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 4

Group Name	Administration		(Week-Day)											
	46-7		50-7		54-7		58-7		62-7		66-7		70-7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
800 ppm	65±	10	65±	10	71±	24	66±	11	66±	10	69±	13	70±	10
2000 ppm	163±	26	162±	28	167±	30	168±	46	163±	28	172±	52	162±	26
5000 ppm	387±	72	390±	65	410±	98	389±	63	402±	68	409±	80	416±	68

(HAN300)

BAIS 4

STUDY NO. : 0642

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

UNIT : mg/kg/d a y

REPORT TYPE : A1 104

SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)

ALL ANIMALS

PAGE : 5

Group Name	Administration		(Week-Day)											
	74-7		78-7		82-7		86-7		90-7		94-7		98-7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
800 ppm	73±	13	70±	17	72±	20	71±	17	74±	21	73±	16	79±	24
2000 ppm	174±	32	161±	29	156±	22	165±	31	166±	46	177±	38	179±	67
5000 ppm	422±	93	401±	90	395±	108	403±	64	408±	69	415±	71	408±	70

(HAN300)

BAIS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : mg/kg/d a y  
REPORT TYPE : A1 104  
SEX : MALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 6

Group Name	Administration (Week-Day)			
	102-7		104-7	
Control	0±	0	0±	0
800 ppm	82±	27	81±	30
2000 ppm	207±	82	190±	50
5000 ppm	440±	122	445±	108

(HAN300)

BAIS 4

**TABLE F 2**

**CHEMICAL INTAKE CHANGES: FEMALE**

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : mg/kg/d a y  
 REPORT TYPE : A1 104  
 SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 7

Group Name	Administration		(Week-Day)											
	1-7		2-7		3-7		4-7		5-7		6-7		7-7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
800 ppm	172±	20	154±	20	152±	17	146±	15	143±	14	141±	16	137±	17
2000 ppm	426±	42	403±	35	401±	44	381±	37	369±	39	358±	38	346±	35
5000 ppm	1014±	88	969±	85	951±	91	920±	81	889±	81	861±	82	832±	81

(HAN300)

BAIS 4



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : mg/kg/d a y  
 REPORT TYPE : A1 104  
 SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 8

Group Name	Administration		(Week-Day)											
	8-7		9-7		10-7		11-7		12-7		13-7		14-7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
800 ppm	135±	14	134±	15	127±	16	125±	14	123±	12	120±	13	113±	13
2000 ppm	335±	38	349±	48	323±	35	313±	38	320±	57	302±	38	298±	37
5000 ppm	825±	83	831±	78	758±	80	746±	74	757±	81	728±	91	693±	112

(HAN300)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT :  $\text{ng/kg/day}$   
 REPORT TYPE : A1 104  
 SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 9

Group Name	Administration		(Week-Day)											
	18-7		22-7		26-7		30-7		34-7		38-7		42-7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
800 ppm	113±	18	106±	21	103±	19	97±	21	94±	19	91±	16	93±	17
2000 ppm	298±	44	269±	41	252±	44	235±	40	240±	43	235±	41	242±	41
5000 ppm	676±	121	623±	91	569±	89	544±	102	555±	95	528±	86	526±	83

(HAN300)

BAIS 4

STUDY NO. : 0642

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

UNIT : ng/kg/d a y

REPORT TYPE : A1 104

SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)

ALL ANIMALS

PAGE : 10

Group Name	Administration		(Week-Day)											
	46-7		50-7		54-7		58-7		62-7		66-7		70-7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
800 ppm	89±	18	90±	16	89±	18	95±	29	86±	22	88±	17	85±	22
2000 ppm	-		224±	46	224±	44	236±	44	219±	41	222±	37	219±	42
5000 ppm	468±	94	522±	76	520±	104	517±	164	501±	83	489±	94	487±	91

(HAN300)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 UNIT : mg/kg/d a y  
 REPORT TYPE : A1 104  
 SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
 ALL ANIMALS

PAGE : 11

Group Name	Administration		(Week-Day)											
	74-7		78-7		82-7		86-7		90-7		94-7		98-7	
Control	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0	0±	0
800 ppm	85±	22	87±	21	80±	21	82±	23	84±	26	87±	18	93±	22
2000 ppm	219±	49	225±	39	213±	48	200±	46	206±	39	216±	47	237±	85
5000 ppm	509±	88	488±	103	482±	122	479±	127	510±	135	503±	104	520±	150

(HAN300)

BAIS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
UNIT : mg/kg/d a y  
REPORT TYPE : A1 104  
SEX : FEMALE

CHEMICAL INTAKE CHANGES (SUMMARY)  
ALL ANIMALS

PAGE : 12

Group Name	Administration (Week-Day)			
	102-7		104-7	
Control	0±	0	0±	0
800 ppm	90±	23	91±	25
2000 ppm	223±	59	224±	54
5000 ppm	538±	151	546±	121

(HAN300)

BAIS 4

TABLE G 1

HEMATOLOGY: MALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE TIME : 1  
 SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)  
 ALL ANIMALS (105W)

PAGE : 1

Group Name	NO. of Animals	RED BLOOD CELL 10 <sup>6</sup> /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 <sup>3</sup> /μl	
Control	41	9.45±	0.70	13.8±	0.9	43.4±	2.9	46.0±	1.6	14.6±	0.5	31.9±	0.7	1654±	336
800 ppm	30	9.44±	0.60	13.8±	0.9	43.4±	2.3	46.0±	1.5	14.7±	0.5	31.9±	0.6	1676±	387
2000 ppm	37	9.22±	1.23	13.4±	1.8	42.5±	4.9	46.3±	1.9	14.6±	0.6	31.5±	0.9	1834±	301
5000 ppm	33	9.50±	1.51	13.7±	2.0	43.4±	5.8	45.8±	2.0	14.4±	0.5	31.5±	0.9	1703±	242

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
MEASURE. TIME : 1  
SEX : MALE

HEMATOLOGY (SUMMARY)  
ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 2

Group Name	NO. of Animals	RETICULOCYTE %	
Control	41	2.6±	1.0
800 ppm	30	2.8±	1.9
2000 ppm	37	3.5±	2.7
5000 ppm	33	3.0±	2.5

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

Test of Dunnett

(HCL070)

BAIS 4



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)  
 ALL ANIMALS (105W)

PAGE : 3

Group Name	NO. of Animals	WBC 1 O <sup>3</sup> /μl		Differential		WBC (%)		MONO		EOSINO		BASO		OTHER	
				NEUTRO		LYMPHO									
Control	41	3.49±	2.50	27±	13	66±	13	4±	2	3±	1	0±	0	0±	0
800 ppm	30	3.29±	2.21	27±	12	66±	12	3±	2	3±	2	0±	0	0±	1
2000 ppm	37	3.22±	1.91	30±	14	62±	14	4±	2	3±	1	0±	0	0±	0
5000 ppm	33	2.87±	1.49	26±	11	65±	13	3±	2	4±	3	0±	0	1±	3

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

TABLE G 2

HEMATOLOGY: FEMALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE TIME : 1  
 SEX : FEMALE

HEMATOLOGY (SUMMARY)  
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 4

Group Name	NO. of Animals	RED BLOOD CELL 10 <sup>6</sup> /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 <sup>9</sup> /μl	
Control	35	9.24±	1.63	13.7±	2.2	42.9±	6.2	46.9±	3.5	14.9±	0.8	31.7±	1.2	982±	402
800 ppm	28	9.45±	1.06	13.8±	1.8	43.3±	4.1	46.0±	1.7	14.5±	0.8	31.7±	2.0	1143±	242
2000 ppm	23	9.62±	0.83	13.9±	1.3	43.9±	3.5	45.7±	1.9	14.5±	0.6	31.7±	0.8	1106±	277
5000 ppm	24	8.95±	1.59	13.0±	2.7	41.1±	6.9	46.2±	2.8	14.5±	0.7	31.4±	2.1	1123±	314

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

Test of Dunnett

(HCL070)

BAIS4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
MEASURE. TIME : 1  
SEX : FEMALE

HEMATOLOGY (SUMMARY)  
ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 5

Group Name	NO. of Animals	RETICULOCYTE %	
Control	35	3.8±	3.5
800 ppm	28	2.7±	2.5
2000 ppm	23	2.7±	1.7
5000 ppm	24	3.9±	4.7

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

Test of Dunnett

(HCL070)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE, TIME : 1  
 SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)  
 ALL ANIMALS (105W)

PAGE : 6

Group Name	NO. of Animals	WBC 1 O <sup>3</sup> /μl		Differential		WBC (%) LYMPHO		MONO		EOSINO		BASO		OTHER	
Control	35	7.32±	15.41	25±	15	67±	16	3±	2	3±	2	0±	0	1±	1
800 ppm	28	29.15±	142.95	23±	10	69±	11	3±	1	4±	2	0±	0	2±	5
2000 ppm	23	2.74±	1.66	25±	10	67±	13	3±	2	4±	2	0±	0	1±	1
5000 ppm	24	40.54±	185.52	26±	15	62±	20	3±	2	4±	2	0±	0	5±	19

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 4

**TABLE H 1**

**BIOCHEMISTRY: MALE**

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
MEASURE. TIME : 1  
SEX : MALE

BIOCHEMISTRY (SUMMARY)  
ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 1

Group Name	NO. of Animals	TOTAL PROTEIN g/dl		ALBUMIN g/dl		A/G RATIO		T-BILIRUBIN mg/dl		GLUCOSE mg/dl		T-CHOLESTEROL mg/dl		TRIGLYCERIDE mg/dl	
Control	41	5.1±	0.5	2.5±	0.2	0.9±	0.1	0.13±	0.03	195±	24	116±	54	52±	28
800 ppm	30	5.2±	0.6	2.5±	0.3	0.9±	0.1	0.13±	0.02	179±	38	103±	32	44±	20
2000 ppm	37	5.3±	0.6	2.5±	0.3	0.9±	0.1	0.13±	0.02	181±	45	108±	29	46±	20
5000 ppm	33	5.0±	0.5	2.4±	0.3	1.0±	0.1	0.14±	0.03	173±	49	102±	26	44±	20

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : MALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)  
 ALL ANIMALS (105W)

PAGE : 2

Group Name	NO. of Animals	PHOSPHOLIPID mg/dl		AST I U / l		ALT I U / l		LDH I U / l		ALP I U / l		G-GTP I U / l		CK I U / l	
Control	41	205±	75	74±	74	47±	77	407±	196	165±	122	1±	0	52±	49
800 ppm	30	183±	52	81±	69	45±	48	433±	193	139±	37	1±	1	63±	72
2000 ppm	37	185±	48	77±	71	49±	60	432±	177	126±	34*	1±	0	58±	34
5000 ppm	33	178±	45	151±	325	76±	162	583±	646	142±	46	1±	1	102±	150**

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

Test of Dunnett

(HCL074)

BAIS 4



STUDY NO. : 0642

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE TIME : 1

SEX : MALE

REPORT TYPE : A1

## BIOCHEMISTRY (SUMMARY)

ALL ANIMALS (105W)

PAGE : 3

Group Name	NO. of Animals	UREA NITROGEN mg/dl		SODIUM mEq/l		POTASSIUM mEq/l		CHLORIDE mEq/l		CALCIUM mg/dl		INORGANIC PHOSPHORUS mg/dl	
Control	41	23.6±	4.8	153±	2	4.2±	0.3	122±	2	8.8±	0.4	6.1±	0.6
800 ppm	30	24.3±	8.0	153±	3	4.3±	0.4	122±	4	8.8±	0.4	6.1±	0.9
2000 ppm	37	24.4±	11.5	152±	2	4.2±	0.3	121±	2	8.9±	0.4	6.1±	0.8
5000 ppm	33	26.1±	19.4	153±	5	4.5±	1.1	123±	6	8.8±	0.5	6.4±	1.2

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

Test of Dunnett

(HCL074)

BAIS 4

**TABLE H 2**

**BIOCHEMISTRY: FEMALE**

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)  
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 4

Group Name	NO. of Animals	TOTAL PROTEIN g/dl		ALBUMIN g/dl		A/G RATIO		T-BILIRUBIN mg/dl		GLUCOSE mg/dl		T-CHOLESTEROL mg/dl		TRIGLYCERIDE mg/dl	
Control	35	5.0±	0.6	2.5±	0.3	1.0±	0.2	0.24±	0.56	144±	32	78±	24	43±	32
800 ppm	28	5.1±	0.4	2.5±	0.2	1.0±	0.2	0.14±	0.04	147±	31	70±	14	37±	17
2000 ppm	23	5.1±	0.7	2.5±	0.3	1.0±	0.2	0.14±	0.02	148±	25	76±	28	47±	52
5000 ppm	24	5.0±	0.6	2.5±	0.4	1.0±	0.1	0.15±	0.05	137±	37	78±	30	33±	16

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)  
 ALL ANIMALS (105W)

PAGE : 5

Group Name	NO. of Animals	PHOSPHOLIPID mg/dl		AST I U/l		ALT I U/l		LDH I U/l		ALP I U/l		G-GTP I U/l		CK I U/l	
Control	35	142±	41	363±	1335	137±	523	1174±	3682	245±	130	1±	1	90±	84
800 ppm	28	125±	24	107±	111	40±	35	556±	894	243±	65	13±	66	60±	49
2000 ppm	23	131±	41	113±	95	40±	23	510±	576	223±	84	1±	1	61±	21
5000 ppm	24	135±	55	127±	171	48±	70	674±	1060	348±	576	1±	1	101±	151

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

Test of Dunnett

(HCL074)

BAIS 4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)  
 ALL ANIMALS (105W)

REPORT TYPE : A1

PAGE : 6

Group Name	NO. of Animals	UREA NITROGEN mg/dl		SODIUM mEq/l		POTASSIUM mEq/l		CHLORIDE mEq/l		CALCIUM mg/dl		INORGANIC PHOSPHORUS mg/dl	
Control	35	17.4±	7.4	152±	2	4.1±	0.5	122±	2	9.2±	0.6	6.2±	1.1
800 ppm	28	17.3±	5.5	152±	1	4.3±	0.7	122±	2	8.8±	0.3**	6.0±	1.2
2000 ppm	23	17.5±	4.8	152±	2	4.0±	0.4	122±	2	8.9±	0.7*	5.7±	1.2
5000 ppm	24	22.7±	17.7	151±	3	4.2±	0.7	121±	3	9.0±	0.6	6.2±	1.3

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

\*\* :  $P \leq 0.01$

Test of Dunnett

(HCL074)

BAIS 4

TABLE I 1

URINALYSIS: MALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 MEASURE. TIME : 1  
 SEX : MALE REPORT TYPE : A1

URINALYSIS

PAGE : 1

Group Name	NO. of Animals	pH							CHI	Protein					CHI	Glucose					CHI	Ketone body					CHI	Occult blood				CHI			
		5.0	6.0	6.5	7.0	7.5	8.0	8.5		—	±	+	2+	3+		4+	—	±	+	2+		3+	4+	—	±	+		2+	3+	4+	—		±	+	2+
Control	41	0	2	9	11	13	6	0		0	5	27	6	3	0		41	0	0	0	0	0		16	13	9	3	0	0		38	0	0	0	3
800 ppm	32	0	2	5	9	8	2	6		0	6	18	8	0	0		32	0	0	0	0	0		15	7	10	0	0	0		29	0	0	0	3
2000 ppm	36	0	1	10	12	7	5	1		0	5	25	3	3	0		36	0	0	0	0	0		10	16	10	0	0	0		31	0	1	0	4
5000 ppm	33	0	3	6	9	9	5	1		0	5	17	10	1	0		33	0	0	0	0	0		8	14	11	0	0	0		31	0	0	0	2

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

Test of CHI SQUARE

(HCL101)

BATS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
MEASURE. TIME : 1  
SEX : MALE

URINALYSIS

REPORT TYPE : A1

PAGE : 2

Group Name	NO. of Animals	Urobilinogen					CHI
		±	+	2+	3+	4+	
Control	41	41	0	0	0	0	0
800 ppm	32	32	0	0	0	0	0
2000 ppm	36	36	0	0	0	0	0
5000 ppm	33	33	0	0	0	0	0

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

Test of CHI SQUARE

(HCL101)

BAIS 4



**TABLE I 2**

**URINALYSIS: FEMALE**

STUDY NO. : 0642

## URINALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE TIME : 1

SEX : FEMALE

REPORT TYPE : A1

PAGE : 3

Group Name	NO. of Animals	pH							CHI	Protein					CHI	Glucose					CHI	Ketone body					CHI	Occult blood					CHI		
		5.0	6.0	6.5	7.0	7.5	8.0	8.5		—	±	+	2+	3+		4+	—	±	+	2+		3+	4+	—	±	+		2+	3+	4+	—	±		+	2+
Control	36	0	1	5	2	4	19	5		0	2	13	19	2	0		36	0	0	0	0	0		3	26	2	5	0	0		28	0	0	2	6
800 ppm	29	0	0	3	2	7	16	1		0	3	9	15	2	0		29	0	0	0	0	0		2	23	3	1	0	0		22	1	1	2	3
2000 ppm	23	0	0	2	5	7	7	2		0	0	10	10	3	0		23	0	0	0	0	0		2	14	7	0	0	0	*	18	0	1	1	3
5000 ppm	23	0	2	2	3	5	10	1		0	0	6	13	3	1		23	0	0	0	0	0		1	16	6	0	0	0	*	14	1	4	1	3

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

Test of CHI SQUARE

(HCL101)

BATS 4

STUDY NO. : 0642

URINALYSIS

ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]

MEASURE. TIME : 1

SEX : FEMALE

REPORT TYPE : AI

PAGE : 4

Group Name	NO. of Animals	Urobilinogen ± + 2+ 3+ 4+ CHI
Control	36	36 0 0 0 0
800 ppm	29	29 0 0 0 0
2000 ppm	23	23 0 0 0 0
5000 ppm	23	23 0 0 0 0

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

Test of CHI SQUARE

(HCL101)

BATS 4

**TABLE J 1**

**GROSS FINDINGS: MALE: ALL ANIMALS**

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name NO. of Animals	Control		800 ppm		2000 ppm		5000 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
skin/app	ulcer		0	( 0)	0	( 0)	1	( 2)	0	( 0)
	erosion		1	( 2)	1	( 2)	3	( 6)	0	( 0)
	thick		0	( 0)	0	( 0)	0	( 0)	1	( 2)
	scab		1	( 2)	0	( 0)	0	( 0)	1	( 2)
subcutis	mass		1	( 2)	1	( 2)	2	( 4)	0	( 0)
lung	white zone		0	( 0)	1	( 2)	1	( 2)	1	( 2)
	red zone		1	( 2)	0	( 0)	0	( 0)	1	( 2)
	nodule		10	( 20)	7	( 14)	11	( 22)	7	( 14)
lymph node	enlarged		4	( 8)	6	( 12)	6	( 12)	3	( 6)
	nodule		1	( 2)	0	( 0)	0	( 0)	0	( 0)
spleen	enlarged		1	( 2)	4	( 8)	2	( 4)	1	( 2)
	white zone		1	( 2)	1	( 2)	0	( 0)	0	( 0)
	black zone		1	( 2)	0	( 0)	1	( 2)	0	( 0)
	nodule		1	( 2)	4	( 8)	3	( 6)	0	( 0)
	deformed		2	( 4)	0	( 0)	1	( 2)	0	( 0)
	accentuation of white pulp		0	( 0)	0	( 0)	1	( 2)	1	( 2)
heart	white zone		0	( 0)	0	( 0)	1	( 2)	0	( 0)
	adhesion		0	( 0)	0	( 0)	1	( 2)	0	( 0)
salivary gl	nodule		2	( 4)	1	( 2)	0	( 0)	0	( 0)
stomach	forestomach:nodule		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	glandular stomach:erosion		2	( 4)	3	( 6)	2	( 4)	2	( 4)
	glandular stomach:nodule		0	( 0)	0	( 0)	0	( 0)	1	( 2)

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name NO. of Animals	Control		800 ppm		2000 ppm		5000 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
stomach	glandular stomach:thick		16	( 32)	12	( 24)	16	( 32)	12	( 24)
small intes	nodule		0	( 0)	0	( 0)	0	( 0)	1	( 2)
	invagination		0	( 0)	0	( 0)	1	( 2)	0	( 0)
liver	enlarged		1	( 2)	1	( 2)	0	( 0)	0	( 0)
	white zone		3	( 6)	6	( 12)	2	( 4)	3	( 6)
	red zone		1	( 2)	1	( 2)	0	( 0)	0	( 0)
	nodule		20	( 40)	20	( 40)	17	( 34)	16	( 32)
	cyst		1	( 2)	0	( 0)	1	( 2)	1	( 2)
	deformed		0	( 0)	1	( 2)	0	( 0)	0	( 0)
pancreas	nodule		2	( 4)	0	( 0)	0	( 0)	0	( 0)
kidney	atrophic		0	( 0)	0	( 0)	2	( 4)	0	( 0)
	white zone		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	yellow zone		0	( 0)	0	( 0)	0	( 0)	1	( 2)
	cyst		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	hydronephrosis		1	( 2)	2	( 4)	5	( 10)	2	( 4)
	dilated pelvis		0	( 0)	0	( 0)	0	( 0)	1	( 2)
urin bladd	calculus		0	( 0)	0	( 0)	1	( 2)	0	( 0)
	urine:marked retention		2	( 4)	5	( 10)	1	( 2)	4	( 8)
pituitary	enlarged		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	nodule		0	( 0)	1	( 2)	0	( 0)	0	( 0)
	cyst		0	( 0)	1	( 2)	0	( 0)	0	( 0)
adrenal	enlarged		1	( 2)	0	( 0)	0	( 0)	0	( 0)

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 3

Organ	Findings	Group Name NO. of Animals	Control		800 ppm		2000 ppm		5000 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
testis	nodule		0	( 0)	0	( 0)	1	( 2)	0	( 0)
epididymis	nodule		0	( 0)	2	( 4)	0	( 0)	0	( 0)
prep/cli gl	nodule		0	( 0)	1	( 2)	0	( 0)	0	( 0)
periph nerv	nodule		0	( 0)	0	( 0)	1	( 2)	0	( 0)
eye	turbid		1	( 2)	0	( 0)	0	( 0)	0	( 0)
harder gl	enlarged		1	( 2)	1	( 2)	1	( 2)	1	( 2)
	nodule		0	( 0)	1	( 2)	1	( 2)	1	( 2)
muscle	nodule		0	( 0)	1	( 2)	0	( 0)	0	( 0)
bone	nodule		0	( 0)	0	( 0)	1	( 2)	0	( 0)
pleura	nodule		0	( 0)	1	( 2)	0	( 0)	0	( 0)
mediastinum	mass		0	( 0)	0	( 0)	0	( 0)	1	( 2)
peritoneum	white zone		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	adhesion		0	( 0)	0	( 0)	1	( 2)	0	( 0)
abdominal c	hemorrhage		0	( 0)	0	( 0)	2	( 4)	0	( 0)
	ascites		0	( 0)	2	( 4)	1	( 2)	3	( 6)
thoracic ca	pleural fluid		1	( 2)	2	( 4)	1	( 2)	3	( 6)
other	tail nodule		1	( 2)	0	( 0)	0	( 0)	0	( 0)
whole body	anemic		0	( 0)	0	( 0)	3	( 6)	0	( 0)

**TABLE J 2**

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



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name NO. of Animals	Control		800 ppm		2000 ppm		5000 ppm	
			9	(%)	19	(%)	13	(%)	17	(%)
skin/app	thick		0	( 0)	0	( 0)	0	( 0)	1	( 6)
	scab		1	( 11)	0	( 0)	0	( 0)	1	( 6)
subcutis	mass		1	( 11)	1	( 5)	2	( 15)	0	( 0)
lung	white zone		0	( 0)	1	( 5)	0	( 0)	0	( 0)
	red zone		1	( 11)	0	( 0)	0	( 0)	1	( 6)
	nodule		1	( 11)	0	( 0)	3	( 23)	3	( 18)
lymph node	enlarged		1	( 11)	4	( 21)	1	( 8)	1	( 6)
	nodule		1	( 11)	0	( 0)	0	( 0)	0	( 0)
spleen	enlarged		1	( 11)	3	( 16)	2	( 15)	1	( 6)
	white zone		0	( 0)	1	( 5)	0	( 0)	0	( 0)
	nodule		0	( 0)	4	( 21)	1	( 8)	0	( 0)
heart	white zone		0	( 0)	0	( 0)	1	( 8)	0	( 0)
	adhesion		0	( 0)	0	( 0)	1	( 8)	0	( 0)
salivary gl	nodule		0	( 0)	1	( 5)	0	( 0)	0	( 0)
stomach	glandular stomach:nodule		0	( 0)	0	( 0)	0	( 0)	1	( 6)
small intes	nodule		0	( 0)	0	( 0)	0	( 0)	1	( 6)
	invagination		0	( 0)	0	( 0)	1	( 8)	0	( 0)
liver	enlarged		1	( 11)	1	( 5)	0	( 0)	0	( 0)
	white zone		2	( 22)	4	( 21)	1	( 8)	2	( 12)
	red zone		1	( 11)	1	( 5)	0	( 0)	0	( 0)
	nodule		5	( 56)	9	( 47)	3	( 23)	5	( 29)
	cyst		0	( 0)	0	( 0)	1	( 8)	0	( 0)

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name NO. of Animals	Control		800 ppm		2000 ppm		5000 ppm	
			9	(%)	19	(%)	13	(%)	17	(%)
liver	deformed		0	( 0)	1	( 5)	0	( 0)	0	( 0)
pancreas	nodule		1	( 11)	0	( 0)	0	( 0)	0	( 0)
kidney	white zone		1	( 11)	0	( 0)	0	( 0)	0	( 0)
	yellow zone		0	( 0)	0	( 0)	0	( 0)	1	( 6)
	hydronephrosis		1	( 11)	2	( 11)	2	( 15)	2	( 12)
	dilated pelvis		0	( 0)	0	( 0)	0	( 0)	1	( 6)
urin bladd	urine:marked retention		1	( 11)	3	( 16)	1	( 8)	3	( 18)
pituitary	nodule		0	( 0)	1	( 5)	0	( 0)	0	( 0)
adrenal	enlarged		1	( 11)	0	( 0)	0	( 0)	0	( 0)
testis	nodule		0	( 0)	0	( 0)	1	( 8)	0	( 0)
periph nerv	nodule		0	( 0)	0	( 0)	1	( 8)	0	( 0)
Harder gl	enlarged		0	( 0)	1	( 5)	0	( 0)	0	( 0)
	nodule		0	( 0)	1	( 5)	0	( 0)	1	( 6)
muscle	nodule		0	( 0)	1	( 5)	0	( 0)	0	( 0)
bone	nodule		0	( 0)	0	( 0)	1	( 8)	0	( 0)
mediastinum	mass		0	( 0)	0	( 0)	0	( 0)	1	( 6)
peritoneum	white zone		1	( 11)	0	( 0)	0	( 0)	0	( 0)
	adhesion		0	( 0)	0	( 0)	1	( 8)	0	( 0)
abdominal c	hemorrhage		0	( 0)	0	( 0)	2	( 15)	0	( 0)
	ascites		0	( 0)	2	( 11)	1	( 8)	2	( 12)
thoracic ca	pleural fluid		1	( 11)	1	( 5)	0	( 0)	2	( 12)
whole body	anemic		0	( 0)	0	( 0)	3	( 23)	0	( 0)

**TABLE J 3**

**GROSS FINDINGS: MALE: SACRIFICED ANIMALS**

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

GROSS FINDINGS (SUMMARY)  
 SACRIFICED ANIMALS (105W)

PAGE : 1

Organ	Findings	Group Name NO. of Animals	Control		800 ppm		2000 ppm		5000 ppm	
			41	(%)	31	(%)	37	(%)	33	(%)
skin/app	ulcer		0	( 0)	0	( 0)	1	( 3)	0	( 0)
	erosion		1	( 2)	1	( 3)	3	( 8)	0	( 0)
lung	white zone		0	( 0)	0	( 0)	1	( 3)	1	( 3)
	nodule		9	( 22)	7	( 23)	8	( 22)	4	( 12)
lymph node	enlarged		3	( 7)	2	( 6)	5	( 14)	2	( 6)
spleen	enlarged		0	( 0)	1	( 3)	0	( 0)	0	( 0)
	white zone		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	black zone		1	( 2)	0	( 0)	1	( 3)	0	( 0)
	nodule		1	( 2)	0	( 0)	2	( 5)	0	( 0)
	deformed		2	( 5)	0	( 0)	1	( 3)	0	( 0)
	accentuation of white pulp		0	( 0)	0	( 0)	1	( 3)	1	( 3)
salivary gl	nodule		2	( 5)	0	( 0)	0	( 0)	0	( 0)
stomach	forestomach:nodule		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	glandular stomach:erosion		2	( 5)	3	( 10)	2	( 5)	2	( 6)
	glandular stomach:thick		16	( 39)	12	( 39)	16	( 43)	12	( 36)
liver	white zone		1	( 2)	2	( 6)	1	( 3)	1	( 3)
	nodule		15	( 37)	11	( 35)	14	( 38)	11	( 33)
	cyst		1	( 2)	0	( 0)	0	( 0)	1	( 3)
pancreas	nodule		1	( 2)	0	( 0)	0	( 0)	0	( 0)
kidney	atrophic		0	( 0)	0	( 0)	2	( 5)	0	( 0)
	cyst		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	hydronephrosis		0	( 0)	0	( 0)	3	( 8)	0	( 0)

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

GROSS FINDINGS (SUMMARY)  
 SACRIFICED ANIMALS (105W)

PAGE : 2

Organ	Findings	Group Name NO. of Animals	Control		800 ppm		2000 ppm		5000 ppm	
			41	(%)	31	(%)	37	(%)	33	(%)
urin bladd	calculus		0	( 0)	0	( 0)	1	( 3)	0	( 0)
	urine:marked retention		1	( 2)	2	( 6)	0	( 0)	1	( 3)
pituitary	enlarged		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	cyst		0	( 0)	1	( 3)	0	( 0)	0	( 0)
epididymis	nodule		0	( 0)	2	( 6)	0	( 0)	0	( 0)
prep/cli gl	nodule		0	( 0)	1	( 3)	0	( 0)	0	( 0)
eye	turbid		1	( 2)	0	( 0)	0	( 0)	0	( 0)
Harder gl	enlarged		1	( 2)	0	( 0)	1	( 3)	1	( 3)
	nodule		0	( 0)	0	( 0)	1	( 3)	0	( 0)
pleura	nodule		0	( 0)	1	( 3)	0	( 0)	0	( 0)
abdominal c	ascites		0	( 0)	0	( 0)	0	( 0)	1	( 3)
thoracic ca	pleural fluid		0	( 0)	1	( 3)	1	( 3)	1	( 3)
other	tail:nodule		1	( 2)	0	( 0)	0	( 0)	0	( 0)

(HPT080)

BAIS 4

**TABLE J 4**

**GROSS FINDINGS: FEMALE: ALL ANIMALS**

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 4

Organ	Findings	Group Name NO. of Animals	Control		800 ppm		2000 ppm		5000 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
skin/app	scab		0	( 0)	1	( 2)	0	( 0)	2	( 4)
subcutis	edema		0	( 0)	1	( 2)	4	( 8)	1	( 2)
	mass		2	( 4)	1	( 2)	2	( 4)	0	( 0)
lung	white zone		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	red zone		0	( 0)	0	( 0)	1	( 2)	0	( 0)
	nodule		5	( 10)	6	( 12)	2	( 4)	1	( 2)
lymph node	enlarged		3	( 6)	9	( 18)	10	( 20)	8	( 16)
spleen	enlarged		9	( 18)	7	( 14)	14	( 28)	7	( 14)
	white zone		0	( 0)	1	( 2)	0	( 0)	1	( 2)
	nodule		0	( 0)	0	( 0)	1	( 2)	0	( 0)
	deformed		0	( 0)	0	( 0)	0	( 0)	1	( 2)
	nodular		0	( 0)	0	( 0)	1	( 2)	0	( 0)
stomach	forestomach:nodule		0	( 0)	0	( 0)	0	( 0)	1	( 2)
	glandular stomach:erosion		1	( 2)	0	( 0)	0	( 0)	0	( 0)
	glandular stomach:thick		1	( 2)	2	( 4)	1	( 2)	2	( 4)
small intes	nodule		0	( 0)	0	( 0)	1	( 2)	2	( 4)
liver	enlarged		1	( 2)	0	( 0)	3	( 6)	3	( 6)
	white zone		2	( 4)	4	( 8)	7	( 14)	9	( 18)
	red zone		1	( 2)	2	( 4)	0	( 0)	0	( 0)
	nodule		8	( 16)	7	( 14)	10	( 20)	10	( 20)
	cyst		0	( 0)	2	( 4)	0	( 0)	0	( 0)
pancreas	nodule		0	( 0)	1	( 2)	0	( 0)	2	( 4)

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 5

Organ	Findings	Group Name NO. of Animals	Control		800 ppm		2000 ppm		5000 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
kidney	enlarged		0	( 0)	1	( 2)	1	( 2)	3	( 6)
	atrophic		0	( 0)	0	( 0)	0	( 0)	1	( 2)
	white		0	( 0)	0	( 0)	1	( 2)	0	( 0)
	white zone		0	( 0)	0	( 0)	2	( 4)	2	( 4)
	deformed		0	( 0)	0	( 0)	0	( 0)	1	( 2)
	hydronephrosis		3	( 6)	3	( 6)	2	( 4)	4	( 8)
pituitary	enlarged		4	( 8)	0	( 0)	5	( 10)	5	( 10)
	red zone		0	( 0)	3	( 6)	5	( 10)	2	( 4)
	nodule		2	( 4)	0	( 0)	0	( 0)	3	( 6)
ovary	enlarged		1	( 2)	3	( 6)	5	( 10)	5	( 10)
	cyst		3	( 6)	8	( 16)	2	( 4)	4	( 8)
uterus	red zone		0	( 0)	0	( 0)	0	( 0)	1	( 2)
	nodule		9	( 18)	8	( 16)	8	( 16)	7	( 14)
brain	enlarged		0	( 0)	0	( 0)	1	( 2)	0	( 0)
	red zone		0	( 0)	0	( 0)	1	( 2)	1	( 2)
	hemorrhage		0	( 0)	1	( 2)	0	( 0)	0	( 0)
	nodule		0	( 0)	1	( 2)	0	( 0)	0	( 0)
spinal cord	yellow zone		1	( 2)	0	( 0)	0	( 0)	0	( 0)
Harder gl	enlarged		0	( 0)	3	( 6)	0	( 0)	0	( 0)
	nodule		0	( 0)	0	( 0)	1	( 2)	0	( 0)
muscle	nodule		0	( 0)	1	( 2)	0	( 0)	0	( 0)
bone	nodule		0	( 0)	1	( 2)	0	( 0)	0	( 0)



STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE

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

PAGE : 6

Organ	Findings	Group Name NO. of Animals	Control		800 ppm		2000 ppm		5000 ppm	
			50	(%)	50	(%)	50	(%)	50	(%)
pleura	nodule		0	( 0)	1	( 2)	0	( 0)	0	( 0)
mediastinum	mass		3	( 6)	5	( 10)	2	( 4)	4	( 8)
peritoneum	nodule		3	( 6)	1	( 2)	0	( 0)	2	( 4)
	thick		2	( 4)	1	( 2)	1	( 2)	0	( 0)
retroperit	mass		0	( 0)	0	( 0)	1	( 2)	0	( 0)
abdominal c	hemorrhage		0	( 0)	0	( 0)	2	( 4)	0	( 0)
	mass		0	( 0)	1	( 2)	0	( 0)	0	( 0)
	ascites		5	( 10)	6	( 12)	7	( 14)	8	( 16)
thoracic ca	pleural fluid		7	( 14)	11	( 22)	6	( 12)	10	( 20)

**TABLE J 5**

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 3

Organ	Findings	Group Name NO. of Animals	Control		800 ppm		2000 ppm		5000 ppm	
			14	(%)	21	(%)	27	(%)	26	(%)
skin/app	scab		0	( 0)	0	( 0)	0	( 0)	1	( 4)
subcutis	edema		0	( 0)	1	( 5)	4	( 15)	1	( 4)
	mass		1	( 7)	1	( 5)	1	( 4)	0	( 0)
lung	white zone		1	( 7)	0	( 0)	0	( 0)	0	( 0)
	red zone		0	( 0)	0	( 0)	1	( 4)	0	( 0)
	nodule		2	( 14)	5	( 24)	2	( 7)	0	( 0)
lymph node	enlarged		0	( 0)	6	( 29)	6	( 22)	7	( 27)
spleen	enlarged		3	( 21)	5	( 24)	13	( 48)	5	( 19)
small intes	nodule		0	( 0)	0	( 0)	0	( 0)	2	( 8)
liver	enlarged		0	( 0)	0	( 0)	3	( 11)	3	( 12)
	white zone		2	( 14)	3	( 14)	7	( 26)	7	( 27)
	red zone		1	( 7)	2	( 10)	0	( 0)	0	( 0)
	nodule		2	( 14)	4	( 19)	4	( 15)	4	( 15)
	cyst		0	( 0)	1	( 5)	0	( 0)	0	( 0)
pancreas	nodule		0	( 0)	0	( 0)	0	( 0)	1	( 4)
kidney	enlarged		0	( 0)	1	( 5)	0	( 0)	3	( 12)
	white		0	( 0)	0	( 0)	1	( 4)	0	( 0)
	white zone		0	( 0)	0	( 0)	2	( 7)	2	( 8)
	deformed		0	( 0)	0	( 0)	0	( 0)	1	( 4)
	hydronephrosis		1	( 7)	2	( 10)	2	( 7)	4	( 15)
pituitary	enlarged		2	( 14)	0	( 0)	4	( 15)	2	( 8)
	red zone		0	( 0)	2	( 10)	3	( 11)	0	( 0)

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE

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

PAGE : 4

Organ_____	Findings_____	Group Name NO. of Animals	Control 14 (%)	800 ppm 21 (%)	2000 ppm 27 (%)	5000 ppm 26 (%)
pituitary	nodule		0 ( 0)	0 ( 0)	0 ( 0)	1 ( 4)
ovary	enlarged		0 ( 0)	2 ( 10)	4 ( 15)	5 ( 19)
	cyst		0 ( 0)	3 ( 14)	1 ( 4)	1 ( 4)
uterus	red zone		0 ( 0)	0 ( 0)	0 ( 0)	1 ( 4)
	nodule		3 ( 21)	4 ( 19)	5 ( 19)	5 ( 19)
brain	enlarged		0 ( 0)	0 ( 0)	1 ( 4)	0 ( 0)
	red zone		0 ( 0)	0 ( 0)	1 ( 4)	1 ( 4)
	hemorrhage		0 ( 0)	1 ( 5)	0 ( 0)	0 ( 0)
	nodule		0 ( 0)	1 ( 5)	0 ( 0)	0 ( 0)
spinal cord	yellow zone		1 ( 7)	0 ( 0)	0 ( 0)	0 ( 0)
harder gl	enlarged		0 ( 0)	1 ( 5)	0 ( 0)	0 ( 0)
	nodule		0 ( 0)	0 ( 0)	1 ( 4)	0 ( 0)
muscle	nodule		0 ( 0)	1 ( 5)	0 ( 0)	0 ( 0)
bone	nodule		0 ( 0)	1 ( 5)	0 ( 0)	0 ( 0)
pleura	nodule		0 ( 0)	1 ( 5)	0 ( 0)	0 ( 0)
mediastinum	mass		3 ( 21)	5 ( 24)	2 ( 7)	3 ( 12)
peritoneum	nodule		1 ( 7)	1 ( 5)	0 ( 0)	1 ( 4)
	thick		2 ( 14)	1 ( 5)	1 ( 4)	0 ( 0)
retroperit	mass		0 ( 0)	0 ( 0)	1 ( 4)	0 ( 0)
abdominal c	hemorrhage		0 ( 0)	0 ( 0)	2 ( 7)	0 ( 0)
	mass		0 ( 0)	1 ( 5)	0 ( 0)	0 ( 0)
	ascites		2 ( 14)	5 ( 24)	6 ( 22)	6 ( 23)

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Crlj[Crj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE

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

PAGE : 5

Organ_____	Findings_____	Group Name	Control	800 ppm	2000 ppm	5000 ppm
		NO. of Animals	14 (%)	21 (%)	27 (%)	26 (%)
thoracic ca	pleural fluid		6 ( 43)	11 ( 52)	6 ( 22)	10 ( 38)
(HPT080)						
BAIS						

**TABLE J 6**

**GROSS FINDINGS: FEMALE: SACRIFICED ANIMALS**

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

GROSS FINDINGS (SUMMARY)  
 SACRIFICED ANIMALS (105W)

PAGE : 3

Organ	Findings	Group Name NO. of Animals	Control		800 ppm		2000 ppm		5000 ppm	
			36	(%)	29	(%)	23	(%)	24	(%)
skin/app	scab		0	( 0)	1	( 3)	0	( 0)	1	( 4)
subcutis	mass		1	( 3)	0	( 0)	1	( 4)	0	( 0)
lung	nodule		3	( 8)	1	( 3)	0	( 0)	1	( 4)
lymph node	enlarged		3	( 8)	3	( 10)	4	( 17)	1	( 4)
spleen	enlarged		6	( 17)	2	( 7)	1	( 4)	2	( 8)
	white zone		0	( 0)	1	( 3)	0	( 0)	1	( 4)
	nodule		0	( 0)	0	( 0)	1	( 4)	0	( 0)
	deformed		0	( 0)	0	( 0)	0	( 0)	1	( 4)
	nodular		0	( 0)	0	( 0)	1	( 4)	0	( 0)
stomach	forestomach:nodule		0	( 0)	0	( 0)	0	( 0)	1	( 4)
	glandular stomach:erosion		1	( 3)	0	( 0)	0	( 0)	0	( 0)
	glandular stomach:thick		1	( 3)	2	( 7)	1	( 4)	2	( 8)
small intes	nodule		0	( 0)	0	( 0)	1	( 4)	0	( 0)
liver	enlarged		1	( 3)	0	( 0)	0	( 0)	0	( 0)
	white zone		0	( 0)	1	( 3)	0	( 0)	2	( 8)
	nodule		6	( 17)	3	( 10)	6	( 26)	6	( 25)
	cyst		0	( 0)	1	( 3)	0	( 0)	0	( 0)
pancreas	nodule		0	( 0)	1	( 3)	0	( 0)	1	( 4)
kidney	enlarged		0	( 0)	0	( 0)	1	( 4)	0	( 0)
	atrophic		0	( 0)	0	( 0)	0	( 0)	1	( 4)
	hydronephrosis		2	( 6)	1	( 3)	0	( 0)	0	( 0)
pituitary	enlarged		2	( 6)	0	( 0)	1	( 4)	3	( 13)

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE

GROSS FINDINGS (SUMMARY)  
SACRIFICED ANIMALS (105W)

PAGE : 4

Organ	Findings	Group Name NO. of Animals	Control		800 ppm		2000 ppm		5000 ppm	
			36	(%)	29	(%)	23	(%)	24	(%)
pituitary	red zone		0	( 0)	1	( 3)	2	( 9)	2	( 8)
	nodule		2	( 6)	0	( 0)	0	( 0)	2	( 8)
ovary	enlarged		1	( 3)	1	( 3)	1	( 4)	0	( 0)
	cyst		3	( 8)	5	( 17)	1	( 4)	3	( 13)
uterus	nodule		6	( 17)	4	( 14)	3	( 13)	2	( 8)
harder gl	enlarged		0	( 0)	2	( 7)	0	( 0)	0	( 0)
mediastinum	mass		0	( 0)	0	( 0)	0	( 0)	1	( 4)
peritoneum	nodule		2	( 6)	0	( 0)	0	( 0)	1	( 4)
abdominal c	ascites		3	( 8)	1	( 3)	1	( 4)	2	( 8)
thoracic ca	pleural fluid		1	( 3)	0	( 0)	0	( 0)	0	( 0)

(HPT080)

BATS 4



TABLE K 1

ORGAN WEIGHT, ABSOLUTE: MALE

STUDY NO. : 0842  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE  
UNIT: g

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

PAGE : 1

Group Name	NO. of Animals	Body Weight	ADRENALS		TESTES		HEART		LUNGS		KIDNEYS	
Control	41	47.7± 5.7	0.010±	0.002	0.218±	0.038	0.224±	0.023	0.213±	0.088	0.646±	0.064
800 ppm	30	45.9± 7.8	0.011±	0.002	0.220±	0.040	0.219±	0.027	0.222±	0.081	0.637±	0.075
2000 ppm	37	45.5± 7.9	0.010±	0.002	0.234±	0.040	0.221±	0.017	0.206±	0.062	0.970±	1.600
5000 ppm	33	46.7± 7.2	0.010±	0.002	0.210±	0.048	0.225±	0.020	0.194±	0.016	0.633±	0.051

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

Test of Dunnett

(ICL040)

BATS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE  
UNIT: g

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

PAGE : 2

Group Name	NO. of Animals	SPLEEN		LIVER		BRAIN	
Control	41	0.103±	0.105	1.717±	0.650	0.451±	0.020
800 ppm	30	0.099±	0.130	1.714±	0.556	0.451±	0.016
2000 ppm	37	0.105±	0.051	1.733±	0.389	0.460±	0.015
5000 ppm	33	0.082±	0.038	1.665±	0.308	0.458±	0.013

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

Test of Dunnett

(ICL040)

BAIS 4

**TABLE K 2**

**ORGAN WEIGHT, ABSOLUTE: FEMALE**

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE  
 UNIT: g

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

PAGE : 3

Group Name	NO. of Animals	Body Weight	ADRENALS		OVARIES		HEART		LUNGS		KIDNEYS	
Control	35	32.8± 5.1	0.014±	0.002	0.299±	1.263	0.177±	0.025	0.231±	0.199	0.482±	0.185
800 ppm	28	33.0± 4.0	0.015±	0.004	0.103±	0.167	0.166±	0.017	0.189±	0.024	0.548±	0.634
2000 ppm	23	32.7± 3.6	0.015±	0.002	0.076±	0.094	0.173±	0.027	0.189±	0.020	0.525±	0.423
5000 ppm	24	33.2± 7.2	0.014±	0.004	0.053±	0.026	0.180±	0.024	0.209±	0.104	0.458±	0.046

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

Test of Dunnett

(HCL040)

BAIS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE  
UNIT: g

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

PAGE : 4

Group Name	NO. of Animals	SPLEEN		LIVER		BRAIN	
Control	35	0.202±	0.191	1.727±	1.190	0.476±	0.014
800 ppm	28	0.272±	0.549	1.441±	0.400	0.479±	0.017
2000 ppm	23	0.245±	0.382	1.478±	0.397	0.477±	0.015
5000 ppm	24	0.171±	0.169	1.463±	0.226	0.478±	0.023

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

Test of Dunnett

(ICL040)

BAIS 4

TABLE L 1

ORGAN WEIGHT, RELATIVE: MALE

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE  
UNIT: %

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

PAGE : 1

Group Name	NO. of Animals	Body Weight (g)	ADRENALS	TESTES	HEART	LUNGS	KIDNEYS
Control	41	47.7± 5.7	0.021± 0.006	0.464± 0.099	0.476± 0.080	0.455± 0.209	1.375± 0.233
800 ppm	30	45.9± 7.8	0.024± 0.007	0.487± 0.083	0.485± 0.067	0.522± 0.367	1.417± 0.221
2000 ppm	37	45.5± 7.9	0.023± 0.008	0.530± 0.123*	0.503± 0.109	0.470± 0.174	2.212± 3.493
5000 ppm	33	46.7± 7.2	0.023± 0.007	0.454± 0.106	0.495± 0.103	0.427± 0.084	1.384± 0.223

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

Test of Dunnett

(HCL042)

BAIS 4



STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE  
UNIT: %

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

PAGE : 2

Group Name	NO. of Animals	SPLEEN	LIVER	BRAIN
Control	41	0.222± 0.254	3.706± 1.969	0.961± 0.134
800 ppm	30	0.227± 0.310	3.815± 1.340	1.019± 0.238
2000 ppm	37	0.250± 0.156	3.969± 1.341	1.051± 0.236
5000 ppm	33	0.186± 0.111	3.674± 1.061	1.008± 0.197

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

Test of Dunnett

(ICL042)

BAIS4

TABLE L 2

ORGAN WEIGHT, RELATIVE: FEMALE

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE  
UNIT: %

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

PAGE : 3

Group Name	NO. of Animals	Body Weight (g)	ADRENALS	OVARIES	HEART	LUNGS	KIDNEYS
Control	35	32.8± 5.1	0.044± 0.007	0.863± 3.615	0.555± 0.127	0.768± 0.928	1.554± 0.908
800 ppm	28	33.0± 4.0	0.048± 0.013	0.302± 0.448	0.507± 0.063	0.581± 0.099	1.707± 2.136
2000 ppm	23	32.7± 3.6	0.045± 0.008	0.229± 0.262	0.538± 0.113	0.584± 0.082	1.626± 1.333
5000 ppm	24	33.2± 7.2	0.045± 0.014	0.170± 0.089	0.561± 0.121	0.682± 0.510	1.428± 0.266

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

Test of Dunnett

(HCL042)

BAIS 4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE  
UNIT: %

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

PAGE : 4

Group Name	NO. of Animals	SPLEEN	LIVER	BRAIN
Control	35	0.627 ± 0.588	5.269 ± 3.148	1.489 ± 0.260
800 ppm	28	0.802 ± 1.568	4.389 ± 1.166	1.469 ± 0.173
2000 ppm	23	0.751 ± 1.186	4.540 ± 1.199	1.473 ± 0.175
5000 ppm	24	0.548 ± 0.669	4.582 ± 1.147	1.503 ± 0.315

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

Test of Dunnett

(HCL042)

BAIS 4

TABLE M 1

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

MALE: ALL ANIMALS

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crj[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name No. of Animals on Study				Control 50				800 ppm 50				2000 ppm 50				5000 ppm 50			
		Grade																			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																					
skin/app		<50>				<50>				<50>				<50>				<50>			
	ulcer	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	erosion	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	squamous cell hyperplasia	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
		( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	scab	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
{Respiratory system}																					
nasal cavit		<50>				<50>				<50>				<50>				<50>			
	eosinophilic change:olfactory epithelium	11	1	0	0	7	1	0	0	5	0	0	0	8	0	0	0	8	0	0	0
		( 22 )	( 2 )	( 0 )	( 0 )	( 14 )	( 2 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 16 )	( 0 )	( 0 )	( 0 )	( 16 )	( 0 )	( 0 )	( 0 )
	eosinophilic change:respiratory epithelium	10	0	0	0	8	0	1	0	11	0	0	0	8	0	1	0	8	0	1	0
		( 20 )	( 0 )	( 0 )	( 0 )	( 16 )	( 0 )	( 2 )	( 0 )	( 22 )	( 0 )	( 0 )	( 0 )	( 16 )	( 0 )	( 2 )	( 0 )	( 16 )	( 0 )	( 2 )	( 0 )
	respiratory metaplasia:olfactory epithelium	5	0	0	0	4	1	0	0	6	0	0	0	6	0	0	0	6	0	0	0
		( 10 )	( 0 )	( 0 )	( 0 )	( 8 )	( 2 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Cxj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name No. of Animals on Study				Control 50				800 ppm 50				2000 ppm 50				5000 ppm 50			
		Grade																			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																					
nasal cavit	respiratory metaplasia:gland	<50>				<50>				<50>				<50>				<50>			
		4	0	0	0	4	1	0	0	5	3	0	0	6	1	0	0	6	1	0	0
		( 8 )	( 0 )	( 0 )	( 0 )	( 8 )	( 2 )	( 0 )	( 0 )	( 10 )	( 6 )	( 0 )	( 0 )	( 12 )	( 2 )	( 0 )	( 0 )	( 12 )	( 2 )	( 0 )	( 0 )
trachea	eosinophilic change	<50>				<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )
lung	congestion	<50>				<50>				<50>				<50>				<50>			
		0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	inflammation	<50>				<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )
	inflammatory infiltration	<50>				<50>				<50>				<50>				<50>			
		0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 2 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	bronchiolar-alveolar cell hyperplasia	<50>				<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )
	accumulation:macrophage	<50>				<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 3

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
bone marrow			<50>				<50>				<50>				<50>			
	increased hematopoiesis		2 ( 4 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	4 ( 8 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	2 ( 4 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	3 ( 6 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
	granulopoiesis:increased		3 ( 6 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	3 ( 6 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
lymph node			<50>				<50>				<50>				<50>			
	lymphadenitis		0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	4 ( 8 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
spleen			<50>				<50>				<50>				<50>			
	deposit of melanin		2 ( 4 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
	extramedullary hematopoiesis		5 ( 10 )	2 ( 4 )	0 ( 0 )	0 ( 0 )	6 ( 12 )	2 ( 4 )	1 ( 2 )	0 ( 0 )	5 ( 10 )	5 ( 10 )	0 ( 0 )	0 ( 0 )	9 ( 18 )	1 ( 2 )	0 ( 0 )	0 ( 0 )
	follicular hyperplasia		3 ( 6 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	2 ( 4 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	4 ( 8 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
(Circulatory system)																		
heart			<50>				<50>				<50>				<50>			
	thrombus		0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	2 ( 4 )	0 ( 0 )	0 ( 0 )	0 ( 0 )

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



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 4

		Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ	Findings		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Circulatory system)																		
heart			<50>				<50>				<50>				<50>			
	mineralization		0	0	0	0	3	0	0	0	0	0	0	0	1	1	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 2 )	( 0 )	( 0 )
			<50>				<50>				<50>				<50>			
	arteritis		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Digestive system)																		
tongue			<50>				<50>				<50>				<50>			
	arteritis		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
stomach			<50>				<50>				<50>				<50>			
	erosion:forestomach		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )
			<50>				<50>				<50>				<50>			
	hyperplasia:forestomach		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
			<50>				<50>				<50>				<50>			
	erosion:glandular stomach		1	0	0	0	2	0	0	0	3	0	0	0	1	0	0	0
			( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Crj[BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 5

Organ	Findings	Group Name No. of Animals on Study				Control 50				800 ppm 50				2000 ppm 50				5000 ppm 50			
		Grade																			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																					
stomach		<50>				<50>				<50>				<50>				<50>			
	hyperplasia:glandular stomach	33	0	0	0	27	0	0	0	32	0	0	0	27	0	0	0	27	0	0	0
		( 66)	( 0)	( 0)	( 0)	( 54)	( 0)	( 0)	( 0)	( 64)	( 0)	( 0)	( 0)	( 54)	( 0)	( 0)	( 0)	( 54)	( 0)	( 0)	( 0)
small intes		<50>				<50>				<50>				<50>				<50>			
	invagination	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
liver		<50>				<50>				<50>				<50>				<50>			
	angiectasis	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
		( 4)	( 0)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)
		<50>				<50>				<50>				<50>				<50>			
	hemorrhage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
		( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)
		<50>				<50>				<50>				<50>				<50>			
	necrosis:focal	1	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0
		( 2)	( 0)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)
		<50>				<50>				<50>				<50>				<50>			
	fatty change	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)
		<50>				<50>				<50>				<50>				<50>			
	inflammatory cell nest	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0
		( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crj[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 6

Organ	Findings	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
liver			<50>				<50>				<50>				<50>			
	clear cell focus		0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )
	basophilic cell focus		1	2	0	0	1	2	0	0	0	2	0	0	1	1	0	0
			( 2 )	( 4 )	( 0 )	( 0 )	( 2 )	( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 2 )	( 2 )	( 0 )	( 0 )
	biliary cyst		1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	
			( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	
	intestinal metaplasia:bile duct		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
			( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
pancreas			<50>				<50>				<50>				<50>			
	fibrosis:focal		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	islet cell hyperplasia		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
			( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
(Urinary system)																		
kidney			<50>				<50>				<50>				<50>			
	cyst		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
Grade		1 : Slight	2 : Moderate		3 : Marked		4 : Severe											
< a >		a : Number of animals examined at the site																
b		b : Number of animals with lesion																
( c )		c : b / a * 100																
Significant difference ;		* : P ≤ 0.05    ** : P ≤ 0.01    Test of Chi Square																

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 7

Organ	Findings	Group Name No. of Animals on Study				Control 50				800 ppm 50				2000 ppm 50				5000 ppm 50			
		Grade																			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																					
kidney	hyaline droplet	2 ( 4)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 4)	0 ( 0)	0 ( 0)	0 ( 0)
	hyaline cast	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
	inflammatory infiltration	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
	osseous metaplasia	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
	inflammatory polyp	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
	hydronephrosis	0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 4)	0 ( 0)	0 ( 0)	0 ( 0)	5 ( 10)	2 ( 4)	0 ( 0)	0 ( 0)	1 ( 2)	1 ( 2)	2 ( 4)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
	mineralization:pelvis	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)
	regeneration:proximal tubule	4 ( 8)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 4)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 2)	1 ( 2)	0 ( 0)	0 ( 0)	1 ( 2)	1 ( 2)	0 ( 0)	0 ( 0)

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

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 8

Organ_____	Findings_____	Group Name No. of Animals on Study Grade	Control 50				800 ppm 50				2000 ppm 50				5000 ppm 50				
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
{Urinary system}																			
urin bladd			<49>				<50>				<50>				<50>				
	dilatation		0	2	0	0	0	5	0	0	0	1	0	0	0	4	0	0	
			( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )
	inflammation		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	simple hyperplasia:transitional epithelium		1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	
			( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	xanthogranuloma		0	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	
			( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	
{Endocrine system}																			
pituitary			<50>				<50>				<50>				<50>				
	hyperplasia		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
			( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	
	Rathke pouch		1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
			( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
{Reproductive system}																			
testis			<50>				<50>				<50>				<50>				
	mineralization		1	0	0	0	3	0	0	0	0	0	0	0	1	0	0	0	
			( 2 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )		

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crj[BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 9

Organ	Findings	Group Name No. of Animals on Study				Control 50				800 ppm 50				2000 ppm 50				5000 ppm 50			
		Grade																			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Reproductive system)																					
epididymis	spermatogenic granuloma	<50>				<50>				<50>				<50>				<50>			
		2	0	0	0	3	0	0	0	2	0	0	0	3	0	0	0	3	0	0	0
		( 4 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )
prep/cli gl	duct ectasia	<50>				<50>				<50>				<50>				<50>			
		1	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0
		( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Nervous system)																					
brain	hemorrhage	<50>				<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )
	mineralization	29	0	0	0	26	0	0	0	23	0	0	0	27	0	0	0	27	0	0	0
		( 58 )	( 0 )	( 0 )	( 0 )	( 52 )	( 0 )	( 0 )	( 0 )	( 46 )	( 0 )	( 0 )	( 0 )	( 54 )	( 0 )	( 0 )	( 0 )	( 54 )	( 0 )	( 0 )	( 0 )
spinal cord	hemorrhage	<50>				<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Special sense organs/appendage)																					
eye	keratitis	<50>				<50>				<50>				<50>				<50>			
		1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 10

		Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	50				50				50				50			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Special sense organs/appendage)																		
Harder gl			<50>				<50>				<50>				<50>			
	hyperplasia		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Musculoskeletal system)																		
muscle			<50>				<50>				<50>				<50>			
	mineralization		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )
bone			<50>				<50>				<50>				<50>			
	osteosclerosis		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Body cavities)																		
peritoneum			<50>				<50>				<50>				<50>			
	inflammation		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 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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

**TABLE M 2**

**HISTOPATHOLOGICAL FINDINGS:**

**NON-NEOPLASTIC LESIONS:**

**MALE: DEAD AND MORIBUND ANIMALS**



STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 1

		Group Name No. of Animals on Study	Control 9				800 ppm 19				2000 ppm 13				5000 ppm 17			
Organ_____	Findings_____	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																		
skin/app			< 9>				<19>				<13>				<17>			
	erosion		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
			( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 6)	( 0)	( 0)
	squamous cell hyperplasia		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
			( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 6)	( 0)	( 0)
	scab		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 11)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
{Respiratory system}																		
nasal cavit			< 9>				<19>				<13>				<17>			
	eosinophilic change:olfactory epithelium		0	1	0	0	5	0	0	0	1	0	0	0	2	0	0	0
			( 0)	( 11)	( 0)	( 0)	( 26)	( 0)	( 0)	( 0)	( 8)	( 0)	( 0)	( 0)	( 12)	( 0)	( 0)	( 0)
	eosinophilic change:respiratory epithelium		4	0	0	0	0	0	1	0 **	1	0	0	0	3	0	1	0
			( 44)	( 0)	( 0)	( 0)	( 0)	( 0)	( 5)	( 0)	( 8)	( 0)	( 0)	( 0)	( 18)	( 0)	( 6)	( 0)
	respiratory metaplasia:olfactory epithelium		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 8)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
	respiratory metaplasia:gland		0	0	0	0	2	0	0	0	1	1	0	0	1	0	0	0
			( 0)	( 0)	( 0)	( 0)	( 11)	( 0)	( 0)	( 0)	( 8)	( 8)	( 0)	( 0)	( 6)	( 0)	( 0)	( 0)

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 2

		Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	9				19				13				17			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ	Findings		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Respiratory system}																		
trachea			< 9>				<19>				<13>				<17>			
	eosinophilic change		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )
lung			< 9>				<19>				<13>				<17>			
	congestion		0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	inflammation		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )
	inflammatory infiltration		0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 11 )	( 0 )	( 0 )	( 11 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	accumulation:macrophage		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	
{Hematopoietic system}																		
bone marrow			< 9>				<19>				<13>				<17>			
	increased hematopoiesis		2	0	0	0	3	0	0	0	2	0	0	0	3	0	0	0
		( 22 )	( 0 )	( 0 )	( 0 )	( 16 )	( 0 )	( 0 )	( 0 )	( 15 )	( 0 )	( 0 )	( 0 )	( 18 )	( 0 )	( 0 )	( 0 )	

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 3

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	9				19				13				17			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
<hr/>																		
(Hematopoietic system)																		
bone marrow		< 9>					<19>				<13>				<17>			
	granulopoiesis:increased	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		( 11)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
spleen		< 9>					<19>				<13>				<17>			
	extramedullary hematopoiesis	3	2	0	0	5	1	1	0	2	3	0	0	6	1	0	0	0
			( 33)	( 22)	( 0)	( 0)	( 26)	( 5)	( 5)	( 0)	( 15)	( 23)	( 0)	( 0)	( 35)	( 6)	( 0)	( 0)
		< 9>					<19>				<13>				<17>			
	follicular hyperplasia	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		( 11)	( 0)	( 0)	( 0)	( 0)	( 5)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
<hr/>																		
(Circulatory system)																		
heart		< 9>					<19>				<13>				<17>			
	thrombus	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0
			( 0)	( 0)	( 0)	( 0)	( 0)	( 5)	( 0)	( 0)	( 0)	( 0)	( 0)	( 12)	( 0)	( 0)	( 0)	( 0)
		< 9>					<19>				<13>				<17>			
	mineralization	0	0	0	0	3	0	0	0	0	0	0	0	1	1	0	0	0
		( 0)	( 0)	( 0)	( 0)	( 16)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 6)	( 6)	( 0)	( 0)	( 0)
	< 9>					<19>				<13>				<17>				
arteritis	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		( 0)	( 0)	( 0)	( 0)	( 0)	( 5)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 4

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	9				19				13				17			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
tongue			< 9>				<19>				<13>				<17>			
	arteritis		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0)	( 0)	( 0)	( 0)	( 5)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
stomach			< 9>				<19>				<13>				<17>			
	hyperplasia:glandular stomach		0	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0
			( 0)	( 0)	( 0)	( 0)	( 11)	( 0)	( 0)	( 0)	( 8)	( 0)	( 0)	( 0)	( 6)	( 0)	( 0)	( 0)
small intes			< 9>				<19>				<13>				<17>			
	invagination		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 8)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
liver			< 9>				<19>				<13>				<17>			
	angiectasis		1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
			( 11)	( 0)	( 0)	( 0)	( 0)	( 5)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 6)	( 0)	( 0)
	hemorrhage		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
			( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 6)	( 0)	( 0)
	basophilic cell focus		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 0)	( 11)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
	intestinal metaplasia:bile duct		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0)	( 0)	( 0)	( 0)	( 5)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 5

		Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	9				19				13				17			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Digestive system}																		
pancreas			< 9>				<19>				<13>				<17>			
	fibrosis:focal		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 11 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
{Urinary system}																		
kidney			< 9>				<19>				<13>				<17>			
	hyaline droplet		2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
			( 22 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )
	inflammatory polyp		0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 6 )	( 0 )	( 0 )
	hydronephrosis		0	1	0	0	0	2	0	0	0	1	1	0	0	1	2	0
			( 0 )	( 11 )	( 0 )	( 0 )	( 0 )	( 11 )	( 0 )	( 0 )	( 0 )	( 8 )	( 8 )	( 0 )	( 0 )	( 6 )	( 12 )	( 0 )
	regeneration:proximal tubule		0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
			( 0 )	( 11 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )
urin bladd			< 8>				<19>				<13>				<17>			
	dilatation		0	1	0	0	0	3	0	0	0	1	0	0	0	3	0	0
			( 0 )	( 13 )	( 0 )	( 0 )	( 0 )	( 16 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 18 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crj[BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 6

Organ	Findings	Group Name No. of Animals on Study Grade	Control 9				800 ppm 19				2000 ppm 13				5000 ppm 17			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																		
urin bladd			< 8>				<19>				<13>				<17>			
	simple hyperplasia:transitional epithelium		1 ( 13)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 5)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
(Reproductive system)																		
epididymis			< 9>				<19>				<13>				<17>			
	spermatogenic granuloma		1 ( 11)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 5)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 6)	0 ( 0)	0 ( 0)	0 ( 0)
prep/cli gl			< 9>				<19>				<13>				<17>			
	duct ectasia		1 ( 11)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 15)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
(Nervous system)																		
brain			< 9>				<19>				<13>				<17>			
	hemorrhage		0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 8)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 6)	0 ( 0)	0 ( 0)	0 ( 0)
	mineralization		4 ( 44)	0 ( 0)	0 ( 0)	0 ( 0)	11 ( 58)	0 ( 0)	0 ( 0)	0 ( 0)	8 ( 62)	0 ( 0)	0 ( 0)	0 ( 0)	4 ( 24)	0 ( 0)	0 ( 0)	0 ( 0)
Grade	1 : Slight      2 : Moderate      3 : Marked      4 : Severe																	
< a >	a : Number of animals examined at the site																	
b	b : Number of animals with lesion																	
( c )	c : b / a * 100																	
Significant difference ;    * : P ≤ 0.05    ** : P ≤ 0.01    Test of Chi Square																		

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 7

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	9				19				13				17			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Nervous system)																		
spinal cord			< 9>				<19>				<13>				<17>			
	hemorrhage		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Special sense organs/appendage)																		
eye			< 9>				<19>				<13>				<17>			
	keratitis		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Musculoskeletal system)																		
muscle			< 9>				<19>				<13>				<17>			
	mineralization		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 0 )
(Body cavities)																		
peritoneum			< 9>				<19>				<13>				<17>			
	inflammation		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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

TABLE M 3

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

MALE: SACRIFICED ANIMALS



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 1

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	41				31				37				33			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																		
skin/app			<41>				<31>				<37>				<33>			
	ulcer		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	erosion		0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	squamous cell hyperplasia		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
{Respiratory system}																		
nasal cavit			<41>				<31>				<37>				<33>			
	eosinophilic change:olfactory epithelium		11	0	0	0	2	1	0	0 *	4	0	0	0	6	0	0	0
			( 27 )	( 0 )	( 0 )	( 0 )	( 6 )	( 3 )	( 0 )	( 0 )	( 11 )	( 0 )	( 0 )	( 0 )	( 18 )	( 0 )	( 0 )	( 0 )
	eosinophilic change:respiratory epithelium		6	0	0	0	8	0	0	0	10	0	0	0	5	0	0	0
			( 15 )	( 0 )	( 0 )	( 0 )	( 26 )	( 0 )	( 0 )	( 0 )	( 27 )	( 0 )	( 0 )	( 0 )	( 15 )	( 0 )	( 0 )	( 0 )
	respiratory metaplasia:olfactory epithelium		5	0	0	0	4	1	0	0	5	0	0	0	6	0	0	0
			( 12 )	( 0 )	( 0 )	( 0 )	( 13 )	( 3 )	( 0 )	( 0 )	( 14 )	( 0 )	( 0 )	( 0 )	( 18 )	( 0 )	( 0 )	( 0 )
	respiratory metaplasia:gland		4	0	0	0	2	1	0	0	4	2	0	0	5	1	0	0
			( 10 )	( 0 )	( 0 )	( 0 )	( 6 )	( 3 )	( 0 )	( 0 )	( 11 )	( 5 )	( 0 )	( 0 )	( 15 )	( 3 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	41				31				37				33			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Respiratory system)																		
lung			<41>				<31>				<37>				<33>			
	bronchiolar-alveolar cell hyperplasia		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )
(Hematopoietic system)																		
bone marrow			<41>				<31>				<37>				<33>			
	increased hematopoiesis		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	granulopoiesis:increased		2	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0
			( 5 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
lymph node			<41>				<31>				<37>				<33>			
	lymphadenitis		0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 11 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
spleen			<41>				<31>				<37>				<33>			
	deposit of melanin		2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	extramedullary hematopoiesis		2	0	0	0	1	1	0	0	3	2	0	0	3	0	0	0
			( 5 )	( 0 )	( 0 )	( 0 )	( 3 )	( 3 )	( 0 )	( 0 )	( 8 )	( 5 )	( 0 )	( 0 )	( 9 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 3

		Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	41				31				37				33			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
spleen			<41>				<31>				<37>				<33>			
	follicular hyperplasia		2	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0
			( 5)	( 0)	( 0)	( 0)	( 6)	( 0)	( 0)	( 0)	( 11)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
(Digestive system)																		
stomach			<41>				<31>				<37>				<33>			
	erosion:forestomach		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 3)	( 0)	( 0)	( 0)
	hyperplasia:forestomach		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			( 0)	( 0)	( 0)	( 0)	( 0)	( 3)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
	erosion:glandular stomach		1	0	0	0	2	0	0	0	3	0	0	0	1	0	0	0
			( 2)	( 0)	( 0)	( 0)	( 6)	( 0)	( 0)	( 0)	( 8)	( 0)	( 0)	( 0)	( 3)	( 0)	( 0)	( 0)
	hyperplasia:glandular stomach		33	0	0	0	25	0	0	0	31	0	0	0	26	0	0	0
			( 80)	( 0)	( 0)	( 0)	( 81)	( 0)	( 0)	( 0)	( 84)	( 0)	( 0)	( 0)	( 79)	( 0)	( 0)	( 0)
liver			<41>				<31>				<37>				<33>			
	angiectasis		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 2)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 4

		Group Name No. of Animals on Study Grade	Control 41				800 ppm 31				2000 ppm 37				5000 ppm 33			
Organ	Findings		1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
(Digestive system)																		
liver			<41>				<31>				<37>				<33>			
	necrosis:focal		1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)	0 ( 0)	0 ( 0)	1 ( 3)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)	0 ( 0)	0 ( 0)	0 ( 0)
	fatty change		0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)	0 ( 0)	0 ( 0)	0 ( 0)
	inflammatory cell nest		0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 5)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)	0 ( 0)	0 ( 0)	0 ( 0)
	clear cell focus		0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 5)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)	0 ( 0)	0 ( 0)	0 ( 0)
	basophilic cell focus		1 ( 2)	1 ( 2)	0 ( 0)	0 ( 0)	1 ( 3)	2 ( 6)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 5)	0 ( 0)	0 ( 0)	1 ( 3)	1 ( 3)	0 ( 0)	0 ( 0)
	biliary cyst		1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 6)	0 ( 0)	0 ( 0)	
pancreas			<41>				<31>				<37>				<33>			
	islet cell hyperplasia		0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
(Urinary system)																		
kidney			<41>				<31>				<37>				<33>			
	cyst		1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 5

Organ	Findings	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	41				31				37				33			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Urinary system)																		
kidney			<41>				<31>				<37>				<33>			
	hyaline cast		1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
	inflammatory infiltration		0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
	osseous metaplasia		1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
	inflammatory polyp		0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
	hydronephrosis		0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	4 ( 11)	1 ( 3)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)
	mineralization:pelvis		0 ( 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)
	regeneration:proximal tubule		4 ( 10)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 6)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)	0 ( 0)	0 ( 0)	0 ( 0)	
urin bladd			<41>				<31>				<37>				<33>			
	dilatation		0 ( 0)	1 ( 2)	0 ( 0)	0 ( 0)	0 ( 0)	2 ( 6)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	0 ( 0)	1 ( 3)	0 ( 0)	0 ( 0)

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 6

		Group Name	Control				800 ppm				2000 ppm				5000 ppm				
		No. of Animals on Study	41				31				37				33				
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
{Urinary system}																			
urin bladd			<41>				<31>				<37>				<33>				
	inflammation		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	simple hyperplasia:transitional epithelium		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	xanthogranuloma		0	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0
			( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )
{Endocrine system}																			
pituitary			<41>				<31>				<37>				<33>				
	hyperplasia		1	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 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )
	Rathke pouch		1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
			( 2 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
{Reproductive system}																			
testis			<41>				<31>				<37>				<33>				
	mineralization		1	0	0	0	3	0	0	0	0	0	0	0	1	0	0	0	0
			( 2 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 7

		Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	41				31				37				33			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Organ	Findings		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Reproductive system)																		
epididymis			<41>				<31>				<37>				<33>			
	spermatogenic granuloma		1	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0
			( 2)	( 0)	( 0)	( 0)	( 6)	( 0)	( 0)	( 0)	( 5)	( 0)	( 0)	( 0)	( 6)	( 0)	( 0)	( 0)
prep/cli gl			<41>				<31>				<37>				<33>			
	duct ectasia		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			( 0)	( 0)	( 0)	( 0)	( 0)	( 3)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
(Nervous system)																		
brain			<41>				<31>				<37>				<33>			
	mineralization		25	0	0	0	15	0	0	0	15	0	0	0	23	0	0	0
			( 61)	( 0)	( 0)	( 0)	( 48)	( 0)	( 0)	( 0)	( 41)	( 0)	( 0)	( 0)	( 70)	( 0)	( 0)	( 0)
(Special sense organs/appendage)																		
eye			<41>				<31>				<37>				<33>			
	keratitis		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 2)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
Harder gl			<41>				<31>				<37>				<33>			
	hyperplasia		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 0)	( 2)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 8

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	41				31				37				33			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
<hr/>																		
{Musculoskeletal system}																		
bone			<41>				<31>				<37>				<33>			
	osteosclerosis		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
{Body cavities}																		
peritoneum			<41>				<31>				<37>				<33>			
	inflammation		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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

(HPT150)

BATS4



TABLE M 4

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

FEMALE: ALL ANIMALS

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 11

Organ	Findings	Group Name No. of Animals on Study				Control 50				800 ppm 50				2000 ppm 50				5000 ppm 50			
		Grade																			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Integumentary system/appandage)																					
skin/app		<50>				<50>				<50>				<50>				<50>			
	squamous cell hyperplasia	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )
	scab	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )
(Respiratory system)																					
nasal cavit		<50>				<50>				<50>				<50>				<50>			
	eosinophilic change:olfactory epithelium	4	0	0	0	3	0	0	0	2	2	0	0	4	2	0	0	4	2	0	0
		( 8 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 4 )	( 4 )	( 0 )	( 0 )	( 8 )	( 4 )	( 0 )	( 0 )	( 8 )	( 4 )	( 0 )	( 0 )
	eosinophilic change:respiratory epithelium	20	2	0	0	18	2	0	0	14	5	1	0	21	1	0	0	42	2	0	0
		( 40 )	( 4 )	( 0 )	( 0 )	( 36 )	( 4 )	( 0 )	( 0 )	( 28 )	( 10 )	( 2 )	( 0 )	( 42 )	( 2 )	( 0 )	( 0 )	( 42 )	( 2 )	( 0 )	( 0 )
	inflammation:foreign body	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	respiratory metaplasia:olfactory epithelium	6	0	0	0	8	0	0	0	6	0	0	0	6	0	0	0	12	0	0	0
		( 12 )	( 0 )	( 0 )	( 0 )	( 16 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )
	respiratory metaplasia:gland	4	0	0	0	1	0	0	0	3	0	0	0	4	0	0	0	8	0	0	0
		( 8 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 12

Organ_____	Findings_____	Group Name No. of Animals on Study Grade	Control 50				800 ppm 50				2000 ppm 50				5000 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
<hr/>																		
(Respiratory system)																		
lung			<50>				<50>				<50>				<50>			
	congestion		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )
	inflammatory infiltration		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	
 (Hematopoietic system)																		
bone marrow			<50>				<50>				<50>				<50>			
	increased hematopoiesis		1	0	0	0	3	0	0	0	5	0	0	0	4	0	0	0
			( 2 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )
	granulopoiesis:increased		1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	
lymph node			<50>				<50>				<50>				<50>			
	lymphadenitis		0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
spleen			<50>				<50>				<50>				<50>			
	deposit of melanin		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Cxj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 13

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
spleen			<50>				<50>				<50>				<50>			
	extramedullary hematopoiesis		4	3	0	0	2	2	0	0	4	4	0	0	7	2	0	0
			( 8 )	( 6 )	( 0 )	( 0 )	( 4 )	( 4 )	( 0 )	( 0 )	( 8 )	( 8 )	( 0 )	( 0 )	( 14 )	( 4 )	( 0 )	( 0 )
	follicular hyperplasia		3	0	0	0	3	1	0	0	1	1	0	0	0	2	0	0
			( 6 )	( 0 )	( 0 )	( 0 )	( 6 )	( 2 )	( 0 )	( 0 )	( 2 )	( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )
(Circulatory system)																		
heart			<50>				<50>				<50>				<50>			
	necrosis:focal		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	mineralization		0	0	0	0	1	0	0	0	2	0	0	0	2	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )
	arteritis		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(Digestive system)																		
tongue			<50>				<50>				<50>				<50>			
	arteritis		0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 14

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
stomach			<50>				<50>				<50>				<50>			
	hyperplasia:forestomach	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	erosion:glandular stomach	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
		( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )
	hyperplasia:glandular stomach	11	0	0	0	7	0	0	0	7	0	0	0	9	0	0	0	0
		( 22 )	( 0 )	( 0 )	( 0 )	( 14 )	( 0 )	( 0 )	( 0 )	( 14 )	( 0 )	( 0 )	( 0 )	( 18 )	( 0 )	( 0 )	( 0 )	( 0 )
liver			<50>				<50>				<50>				<50>			
	angiectasis	2	1	0	0	1	1	0	0	1	0	0	0	1	1	0	0	0
		( 4 )	( 2 )	( 0 )	( 0 )	( 2 )	( 2 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 2 )	( 0 )	( 0 )	( 0 )
	necrosis:focal	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	inflammatory infiltration	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )
	lymphocytic infiltration	1	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 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )
	inflammatory cell nest	2	0	0	0	1	0	0	0	2	0	0	0	3	0	0	0	0
		( 4 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 15

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Digestive system)																		
liver			<50>				<50>				<50>				<50>			
	clear cell focus		0	0	0	0	0	4	0	0	0	2	0	0	0	1	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )
	basophilic cell focus		0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )
	biliary cyst		0	0	0	0	1	2	0	0	0	0	0	0	2	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )
(Urinary system)																		
kidney			<50>				<50>				<50>				<50>			
	hyaline droplet		3	0	0	0	3	0	0	0	5	0	0	0	6	0	0	0
			( 6 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )
	lymphocytic infiltration		4	0	0	0	3	0	0	0	4	0	0	0	0	0	0	0
			( 8 )	( 0 )	( 0 )	( 0 )	( 6 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	osseous metaplasia		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	inflammatory polyp		1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
			( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 16

Organ	Findings	Group Name No. of Animals on Study Grade	Control 50				800 ppm 50				2000 ppm 50				5000 ppm 50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney	hydronephrosis		<50>				<50>				<50>				<50>			
		0	1	3	0	1	1	1	0	0	0	2	0	1	2	3	0	
		( 0 )	( 2 )	( 6 )	( 0 )	( 2 )	( 2 )	( 2 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 2 )	( 4 )	( 6 )	( 0 )	
	regeneration:proximal tubule		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	desquamation:pelvis		0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
			( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
urin bladd	simple hyperplasia:transitional epithelium		<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	
	xanthogranuloma		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
{Endocrine system}																		
pituitary	angiectasis		<50>				<50>				<50>				<50>			
		0	0	0	0	2	0	0	0	3	1	0	0	1	0	0	0	
		( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 6 )	( 2 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	
Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe																		
< a > a : Number of animals examined at the site																		
b b : Number of animals with lesion																		
( c ) c : b / a * 100																		
Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square																		

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 17

		Group Name No. of Animals on Study	Control 50				800 ppm 50				2000 ppm 50				5000 ppm 50			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
{Endocrine system}																		
pituitary			<50>				<50>				<50>				<50>			
	cyst		0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 2 )	0 ( 0 )
	hyperplasia		2 ( 4 )	3 ( 6 )	0 ( 0 )	0 ( 0 )	2 ( 4 )	3 ( 6 )	0 ( 0 )	0 ( 0 )	3 ( 6 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	3 ( 6 )	2 ( 4 )	0 ( 0 )	0 ( 0 )
adrenal			<50>				<50>				<50>				<50>			
	fatty change		0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 2 )	0 ( 0 )	0 ( 0 )
	spindle-cell hyperplasia		6 ( 12 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	3 ( 6 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	6 ( 12 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	2 ( 4 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
	hyperplasia:medulla		1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
{Reproductive system}																		
ovary			<50>				<50>				<50>				<50>			
	hemorrhage		0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 2 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )

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



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crj[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 18

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	50				50				50				50			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Reproductive system}																		
ovary	thrombus		<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	
	cyst	1	2	0	0	2	4	0	0	1	1	0	0	3	1	0	0	
( 2 )		( 4 )	( 0 )	( 0 )	( 4 )	( 8 )	( 0 )	( 0 )	( 2 )	( 2 )	( 0 )	( 0 )	( 6 )	( 2 )	( 0 )	( 0 )		
	xanthogranuloma	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	uterus	hyperplasia:gland	<50>	<50>				<50>				<50>						
			2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	cystic endometrial hyperplasia	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
		16	1	0	0	20	1	0	0	16	2	0	0	13	1	0	0	
		( 32 )	( 2 )	( 0 )	( 0 )	( 40 )	( 2 )	( 0 )	( 0 )	( 32 )	( 4 )	( 0 )	( 0 )	( 26 )	( 2 )	( 0 )	( 0 )	
{Nervous system}																		
brain	hemorrhage		<50>				<50>				<50>				<50>			
		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 2 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 19

Organ	Findings	Group Name No. of Animals on Study Grade	Control				800 ppm				2000 ppm				5000 ppm			
			50				50				50				50			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Nervous system)																		
brain			<50>				<50>				<50>				<50>			
	mineralization		24	0	0	0	16	0	0	0	18	0	0	0	19	0	0	0
			( 48)	( 0)	( 0)	( 0)	( 32)	( 0)	( 0)	( 0)	( 36)	( 0)	( 0)	( 0)	( 38)	( 0)	( 0)	( 0)
(Special sense organs/appendage)																		
eye			<50>				<50>				<50>				<50>			
	keratitis		0	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0
			( 0)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)
Harder gl			<50>				<50>				<50>				<50>			
	hyperplasia		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 2)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
(Musculoskeletal system)																		
muscle			<50>				<50>				<50>				<50>			
	mineralization		0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
			( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)
bone			<50>				<50>				<50>				<50>			
	osteosclerosis		1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 2)	( 2)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 2)	( 0)	( 0)	( 0)

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 20

Organ	Findings	Group Name No. of Animals on Study				Control 50				800 ppm 50				2000 ppm 50				5000 ppm 50			
		Grade				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
						(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)

{Body cavities}

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

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

(HPT150)

BAIS4

TABLE M 5

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS:

FEMALE: DEAD AND MORIBUND ANIMALS

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crj[Crl:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 8

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	14				21				27				26			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Integumentary system/appandage}																		
skin/app			<14>				<21>				<27>				<26>			
	scab		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )
{Respiratory system}																		
nasal cavit			<14>				<21>				<27>				<26>			
	eosinophilic change:olfactory epithelium		1	0	0	0	1	0	0	0	2	2	0	0	1	2	0	0
			( 7 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 7 )	( 7 )	( 0 )	( 0 )	( 4 )	( 8 )	( 0 )	( 0 )
	eosinophilic change:respiratory epithelium		4	1	0	0	8	0	0	0	7	5	0	0	7	1	0	0
			( 29 )	( 7 )	( 0 )	( 0 )	( 38 )	( 0 )	( 0 )	( 0 )	( 26 )	( 19 )	( 0 )	( 0 )	( 27 )	( 4 )	( 0 )	( 0 )
	inflammation:foreign body		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	respiratory metaplasia:olfactory epithelium		2	0	0	0	3	0	0	0	3	0	0	0	3	0	0	0
			( 14 )	( 0 )	( 0 )	( 0 )	( 14 )	( 0 )	( 0 )	( 0 )	( 11 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )
	respiratory metaplasia:gland		0	0	0	0	1	0	0	0	1	0	0	0	3	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )
lung			<14>				<21>				<27>				<26>			
	congestion		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 9

		Group Name No: of Animals on Study	Control 14				800 ppm 21				2000 ppm 27				5000 ppm 26			
Organ_____	Findings_____	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
{Hematopoietic system}																		
bone marrow			<14>				<21>				<27>				<26>			
	increased hematopoiesis		0	0	0	0	2	0	0	0	4	0	0	0	3	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 15 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )
	granulopoiesis:increased		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )
lymph node			<14>				<21>				<27>				<26>			
	lymphadenitis		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
spleen			<14>				<21>				<27>				<26>			
	extramedullary hematopoiesis		1	2	0	0	2	1	0	0	3	4	0	0	6	2	0	0
			( 7 )	( 14 )	( 0 )	( 0 )	( 10 )	( 5 )	( 0 )	( 0 )	( 11 )	( 15 )	( 0 )	( 0 )	( 23 )	( 8 )	( 0 )	( 0 )
{Circulatory system}																		
heart			<14>				<21>				<27>				<26>			
	necrosis:focal		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	mineralization		0	0	0	0	1	0	0	0	1	0	0	0	2	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 10

Organ	Findings	Group Name No. of Animals on Study Grade	Control 14				800 ppm 21				2000 ppm 27				5000 ppm 26			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Circulatory system}																		
heart	arteritis		<14>				<21>				<27>				<26>			
			0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
{Digestive system}																		
tongue	arteritis		<14>				<21>				<27>				<26>			
			0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
stomach	hyperplasia:forestomach		<14>				<21>				<27>				<26>			
			0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	erosion:glandular stomach		<14>				<21>				<27>				<26>			
			0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )
liver	hyperplasia:glandular stomach		<14>				<21>				<27>				<26>			
			0	0	0	0	1	0	0	0	1	0	0	0	3	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 12 )	( 0 )	( 0 )	( 0 )
	angiectasis		<14>				<21>				<27>				<26>			
			0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0
			( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 11

Organ_____	Findings_____	Group Name No. of Animals on Study Grade	Control				800 ppm				2000 ppm				5000 ppm			
			14				21				27				26			
			1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)	1 (%)	2 (%)	3 (%)	4 (%)
(Digestive system)																		
liver			<14>				<21>				<27>				<26>			
	necrosis:focal		0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 4 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
	inflammatory infiltration		0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 5 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 4 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
	basophilic cell focus		0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 4 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 4 )	0 ( 0 )	0 ( 0 )
	biliary cyst		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 ( 0 )	0 ( 0 )
(Urinary system)																		
kidney			<14>				<21>				<27>				<26>			
	hyaline droplet		1 ( 7 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	2 ( 10 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	5 ( 19 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	5 ( 19 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
	inflammatory polyp		0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 4 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
	hydronephrosis		0 ( 0 )	0 ( 0 )	1 ( 7 )	0 ( 0 )	1 ( 5 )	0 ( 0 )	1 ( 5 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	2 ( 7 )	0 ( 0 )	1 ( 4 )	1 ( 4 )	3 ( 12 )	0 ( 0 )

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



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 12

		Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	14				21				27				26			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney			<14>				<21>				<27>				<26>			
	desquamation:pelvis		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
{Endocrine system}																		
pituitary			<14>				<21>				<27>				<26>			
	angiectasis		0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
			<14>				<21>				<27>				<26>			
	hyperplasia		0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )
adrenal			<14>				<21>				<27>				<26>			
	spindle-cell hyperplasia		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
{Reproductive system}																		
ovary			<14>				<21>				<27>				<26>			
	hemorrhage		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 5 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

Grade 1 : Slight 2 : Moderate 3 : Marked 4 : Severe  
 < a > a : Number of animals examined at the site  
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STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
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HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)  
 DEAD AND MORIBUND ANIMALS (0-105W)

PAGE : 13

		Group Name	Control				800 ppm				2000 ppm				5000 ppm				
		No. of Animals on Study	14				21				27				26				
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
(Reproductive system)																			
ovary	thrombus		<14>				<21>				<27>				<26>				
			0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
			( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)
	cyst		<14>				<21>				<27>				<26>				
			0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	
			( 0)	( 0)	( 0)	( 0)	( 5)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	
uterus	cystic endometrial hyperplasia		<14>				<21>				<27>				<26>				
			1	0	0	0	2	0	0	0	4	0	0	0	4	0	0	0	
			( 7)	( 0)	( 0)	( 0)	( 10)	( 0)	( 0)	( 0)	( 15)	( 0)	( 0)	( 0)	( 15)	( 0)	( 0)	( 0)	
(Nervous system)																			
brain	hemorrhage		<14>				<21>				<27>				<26>				
			0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
		( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)		
	mineralization		<14>				<21>				<27>				<26>				
			4	0	0	0	4	0	0	0	7	0	0	0	9	0	0	0	
			( 29)	( 0)	( 0)	( 0)	( 19)	( 0)	( 0)	( 0)	( 26)	( 0)	( 0)	( 0)	( 35)	( 0)	( 0)	( 0)	
(Special sense organs/appendage)																			
eye	keratitis		<14>				<21>				<27>				<26>				
			0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
		( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 4)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)		

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 14

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	14				21				27				26			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Musculoskeletal system}																		
muscle			<14>				<21>				<27>				<26>			
	mineralization		0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	
{Body cavities}																		
peritoneum			<14>				<21>				<27>				<26>			
	inflammation		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
			( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	

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

(HPT150)

BAIS4

**TABLE M 6**

**HISTOPATHOLOGICAL FINDINGS:**

**NON-NEOPLASTIC LESIONS:**

**FEMALE: SACRIFICED ANIMALS**

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 9

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm						
		No. of Animals on Study	36				29				23				24						
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)			
(Integumentary system/appandage)																					
skin/app		<36>					<29>					<23>					<24>				
	squamous cell hyperplasia	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0			
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )			
(Respiratory system)																					
nasal cavit		<36>					<29>					<23>					<24>				
	eosinophilic change:olfactory epithelium	3	0	0	0	2	0	0	0	0	0	0	0	3	0	0	0	0			
		( 8 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 13 )	( 0 )	( 0 )	( 0 )	( 0 )				
	eosinophilic change:respiratory epithelium	16	1	0	0	10	2	0	0	7	0	1	0	14	0	0	0	0			
		( 44 )	( 3 )	( 0 )	( 0 )	( 34 )	( 7 )	( 0 )	( 0 )	( 30 )	( 0 )	( 4 )	( 0 )	( 58 )	( 0 )	( 0 )	( 0 )	( 0 )			
	respiratory metaplasia:olfactory epithelium	4	0	0	0	5	0	0	0	3	0	0	0	3	0	0	0	0			
		( 11 )	( 0 )	( 0 )	( 0 )	( 17 )	( 0 )	( 0 )	( 0 )	( 13 )	( 0 )	( 0 )	( 0 )	( 13 )	( 0 )	( 0 )	( 0 )	( 0 )			
	respiratory metaplasia:gland	4	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0			
		( 11 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 9 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )			
lung		<36>					<29>					<23>					<24>				
	inflammatory infiltration	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0			
		( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )			

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 10

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	36				29				23				24			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Hematopoietic system)																		
bone marrow			<36>				<29>				<23>				<24>			
	increased hematopoiesis		1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0
			( 3 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )
	granulopoiesis:increased		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
lymph node			<36>				<29>				<23>				<24>			
	lymphadenitis		0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
spleen			<36>				<29>				<23>				<24>			
	deposit of melanin		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	extramedullary hematopoiesis		3	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0
			( 8 )	( 3 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )
	follicular hyperplasia		3	0	0	0	3	1	0	0	1	1	0	0	0	2	0	0
			( 8 )	( 0 )	( 0 )	( 0 )	( 10 )	( 3 )	( 0 )	( 0 )	( 4 )	( 4 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )
(Circulatory system)																		
heart			<36>				<29>				<23>				<24>			
	mineralization		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Crj[BDF1]  
REPORT TYPE : A1  
SEX : FEMALE

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

PAGE : 11

		Group Name	Control				800 ppm				2000 ppm				5000 ppm				
		No. of Animals on Study	36				29				23				24				
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
(Digestive system)																			
tongue	arteritis		<36>				<29>				<23>				<24>				
		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
stomach	hyperplasia:forestomach		<36>				<29>				<23>				<24>				
		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	erosion:glandular stomach		1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		( 3 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	hyperplasia:glandular stomach		11	0	0	0	6	0	0	0	6	0	0	0	6	0	0	0	0
			( 31 )	( 0 )	( 0 )	( 0 )	( 21 )	( 0 )	( 0 )	( 0 )	( 26 )	( 0 )	( 0 )	( 0 )	( 25 )	( 0 )	( 0 )	( 0 )	( 0 )
liver	angiectasis		<36>				<29>				<23>				<24>				
		2	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	
			( 6 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 4 )	( 0 )	( 0 )	
	lymphocytic infiltration		1	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 )	( 4 )	( 0 )	( 0 )	( 0 )	
	inflammatory cell nest		2	0	0	0	1	0	0	0	2	0	0	0	3	0	0	0	0
			( 6 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 9 )	( 0 )	( 0 )	( 0 )	( 13 )	( 0 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE

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

PAGE : 12

		Group Name	Control				800 ppm				2000 ppm				5000 ppm				
		No. of Animals on Study	36				29				23				24				
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
{Digestive system}																			
liver			<36>				<29>				<23>				<24>				
	clear cell focus		0	0	0	0	0	4	0	0	0	2	0	0	0	1	0	0	
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 14 )	( 0 )	( 0 )	( 0 )	( 9 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )
	basophilic cell focus		0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	
	biliary cyst		0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	0	
			( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 8 )	( 0 )	( 0 )	( 0 )	
{Urinary system}																			
kidney			<36>				<29>				<23>				<24>				
	hyaline droplet		2	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	
			( 6 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	
	lymphocytic infiltration		4	0	0	0	3	0	0	0	4	0	0	0	0	0	0	0	
			( 11 )	( 0 )	( 0 )	( 0 )	( 10 )	( 0 )	( 0 )	( 0 )	( 17 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	osseous metaplasia		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
			( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	
	inflammatory polyp		1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
			( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	

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



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 13

		Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	36				29				23				24			
Organ	Findings	Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
{Urinary system}																		
kidney			<36>				<29>				<23>				<24>			
	hydronephrosis		0	1	2	0	0	1	0	0	0	0	0	0	0	1	0	0
			( 0 )	( 3 )	( 6 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )
	regeneration:proximal tubule		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	desquamation:pelvis		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
urin bladd			<36>				<29>				<23>				<24>			
	simple hyperplasia:transitional epithelium		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )
	xanthogranuloma		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
{Endocrine system}																		
pituitary			<36>				<29>				<23>				<24>			
	angiectasis		0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0
			( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 4 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 14

Organ	Findings	Group Name No. of Animals on Study Grade	Control 36				800 ppm 29				2000 ppm 23				5000 ppm 24			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Endocrine system)																		
pituitary			<36>				<29>				<23>				<24>			
	cyst		0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 4 )	0 ( 0 )	0 ( 0 )
	hyperplasia		2 ( 6 )	3 ( 8 )	0 ( 0 )	0 ( 0 )	2 ( 7 )	3 ( 10 )	0 ( 0 )	0 ( 0 )	1 ( 4 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	2 ( 8 )	2 ( 8 )	0 ( 0 )	0 ( 0 )
adrenal			<36>				<29>				<23>				<24>			
	fatty change		0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 3 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 4 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 4 )	0 ( 0 )	0 ( 0 )
	spindle-cell hyperplasia		6 ( 17 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	2 ( 7 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	6 ( 26 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	2 ( 8 )	0 ( 0 )	0 ( 0 )	0 ( 0 )
	hyperplasia:medulla		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 )
(Reproductive system)																		
ovary			<36>				<29>				<23>				<24>			
	cyst		1 ( 3 )	2 ( 6 )	0 ( 0 )	0 ( 0 )	1 ( 3 )	4 ( 14 )	0 ( 0 )	0 ( 0 )	0 ( 0 )	1 ( 4 )	0 ( 0 )	0 ( 0 )	2 ( 8 )	1 ( 4 )	0 ( 0 )	0 ( 0 )
Grade			1 : Slight				2 : Moderate				3 : Marked				4 : Severe			
< a >			a : Number of animals examined at the site															
b			b : Number of animals with lesion															
( c )			c : b / a * 100															
Significant difference ;			* : P ≤ 0.05    ** : P ≤ 0.01    Test of Chi Square															
(HPT150)																		

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 15

Organ_____	Findings_____	Group Name	Control				800 ppm				2000 ppm				5000 ppm			
		No. of Animals on Study	36				29				23				24			
		Grade	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
			(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
(Reproductive system)																		
ovary	xanthogranuloma		<36>				<29>				<23>				<24>			
		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 )	( 4 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
uterus	hyperplasia:gland		<36>				<29>				<23>				<24>			
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			( 6 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
	cystic endometrial hyperplasia		15	1	0	0	18	1	0	0	12	2	0	0	9	1	0	0
		( 42 )	( 3 )	( 0 )	( 0 )	( 62 )	( 3 )	( 0 )	( 0 )	( 52 )	( 9 )	( 0 )	( 0 )	( 38 )	( 4 )	( 0 )	( 0 )	
(Nervous system)																		
brain	mineralization		<36>				<29>				<23>				<24>			
		20	0	0	0	12	0	0	0	11	0	0	0	10	0	0	0	0
		( 56 )	( 0 )	( 0 )	( 0 )	( 41 )	( 0 )	( 0 )	( 0 )	( 48 )	( 0 )	( 0 )	( 0 )	( 42 )	( 0 )	( 0 )	( 0 )	
(Special sense organs/appendage)																		
eye	keratitis		<36>				<29>				<23>				<24>			
		0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0
		( 0 )	( 0 )	( 0 )	( 0 )	( 7 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )	

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 16

Organ	Findings	Group Name				Control				800 ppm				2000 ppm <sup>†</sup>				5000 ppm			
		No. of Animals on Study				36				29				23				24			
		Grade																			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)			

{Special sense organs/appendage}

Harder gl	hyperplasia	<36>				<29>				<23>				<24>			
		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		( 3 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )

{Musculoskeletal system}

bone	osteosclerosis	<36>				<29>				<23>				<24>			
		1	1	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 )	( 0 )	( 4 )	( 0 )	( 0 )	( 0 )

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

(HPT150)

BAIS4

TABLE N 1

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

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 1

Time-related Weeks	Items	Group Name	Control	800 ppm	2000 ppm	5000 ppm
0 - 52	NO. OF EXAMINED ANIMALS		0	1	0	3
	NO. OF ANIMALS WITH TUMORS		0	1	0	2
	NO. OF ANIMALS WITH SINGLE TUMORS		0	1	0	2
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0
	NO. OF BENIGN TUMORS		0	0	0	0
	NO. OF MALIGNANT TUMORS		0	1	0	2
	NO. OF TOTAL TUMORS		0	1	0	2
53 - 78	NO. OF EXAMINED ANIMALS		1	2	3	5
	NO. OF ANIMALS WITH TUMORS		1	1	2	1
	NO. OF ANIMALS WITH SINGLE TUMORS		0	1	2	1
	NO. OF ANIMALS WITH MULTIPLE TUMORS		1	0	0	0
	NO. OF BENIGN TUMORS		1	0	0	0
	NO. OF MALIGNANT TUMORS		1	1	2	1
	NO. OF TOTAL TUMORS		2	1	2	1
79 - 104	NO. OF EXAMINED ANIMALS		8	16	10	9
	NO. OF ANIMALS WITH TUMORS		6	14	9	7
	NO. OF ANIMALS WITH SINGLE TUMORS		4	9	6	5
	NO. OF ANIMALS WITH MULTIPLE TUMORS		2	5	3	2
	NO. OF BENIGN TUMORS		1	8	6	4
	NO. OF MALIGNANT TUMORS		7	14	9	5
	NO. OF TOTAL TUMORS		8	22	15	9
105 - 105	NO. OF EXAMINED ANIMALS		41	31	37	33
	NO. OF ANIMALS WITH TUMORS		25	21	24	17
	NO. OF ANIMALS WITH SINGLE TUMORS		10	13	16	13
	NO. OF ANIMALS WITH MULTIPLE TUMORS		15	8	8	4
	NO. OF BENIGN TUMORS		25	12	19	12
	NO. OF MALIGNANT TUMORS		18	18	15	10
	NO. OF TOTAL TUMORS		43	30	34	22

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 2

Time-related Weeks	Items	Group Name	Control	800 ppm	2000 ppm	5000 ppm
0 - 105	NO. OF EXAMINED ANIMALS		50	50	50	50
	NO. OF ANIMALS WITH TUMORS		32	37	35	27
	NO. OF ANIMALS WITH SINGLE TUMORS		14	24	24	21
	NO. OF ANIMALS WITH MULTIPLE TUMORS		18	13	11	6
	NO. OF BENIGN TUMORS		27	20	25	16
	NO. OF MALIGNANT TUMORS		26	34	26	18
	NO. OF TOTAL TUMORS		53	54	51	34

(HPT070)

BAIS4

TABLE N 2

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



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 3

Time-related Weeks	Items	Group Name	Control	800 ppm	2000 ppm	5000 ppm
0 - 52	NO. OF EXAMINED ANIMALS		1	1	1	1
	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	0	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
53 - 78	NO. OF EXAMINED ANIMALS		4	3	5	4
	NO. OF ANIMALS WITH TUMORS		4	2	4	3
	NO. OF ANIMALS WITH SINGLE TUMORS		4	2	4	3
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0
	NO. OF BENIGN TUMORS		0	0	0	0
	NO. OF MALIGNANT TUMORS		4	2	4	3
	NO. OF TOTAL TUMORS		4	2	4	3
79 - 104	NO. OF EXAMINED ANIMALS		9	17	21	21
	NO. OF ANIMALS WITH TUMORS		8	17	19	20
	NO. OF ANIMALS WITH SINGLE TUMORS		4	8	11	16
	NO. OF ANIMALS WITH MULTIPLE TUMORS		4	9	8	4
	NO. OF BENIGN TUMORS		3	7	12	6
	NO. OF MALIGNANT TUMORS		9	23	18	18
	NO. OF TOTAL TUMORS		12	30	30	24
105 - 105	NO. OF EXAMINED ANIMALS		36	29	23	24
	NO. OF ANIMALS WITH TUMORS		24	16	11	18
	NO. OF ANIMALS WITH SINGLE TUMORS		13	15	6	14
	NO. OF ANIMALS WITH MULTIPLE TUMORS		11	1	5	4
	NO. OF BENIGN TUMORS		21	9	9	18
	NO. OF MALIGNANT TUMORS		16	8	9	8
	NO. OF TOTAL TUMORS		37	17	18	26

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE

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

PAGE : 4

Time-related Weeks	Items	Group Name	Control	800 ppm	2000 ppm	5000 ppm
0 - 105	NO. OF EXAMINED ANIMALS		50	50	50	50
	NO. OF ANIMALS WITH TUMORS		37	36	34	42
	NO. OF ANIMALS WITH SINGLE TUMORS		22	26	21	34
	NO. OF ANIMALS WITH MULTIPLE TUMORS		15	10	13	8
	NO. OF BENIGN TUMORS		24	16	21	24
	NO. OF MALIGNANT TUMORS		30	34	31	30
	NO. OF TOTAL TUMORS		54	50	52	54

(HPT070)

BAIS4

TABLE O 1

HISTOPATHOLOGICAL FINDINGS:  
NEOPLASTIC LESIONS: MALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 1

Organ	Findings	Group Name No. of animals on Study	Control 50	800 ppm 50	2000 ppm 50	5000 ppm 50
{Integumentary system/appandage}						
subcutis	hemangioma		<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 0 ( 0%)
	fibrosarcoma		0 ( 0%)	1 ( 2%)	0 ( 0%)	0 ( 0%)
{Respiratory system}						
lung	bronchiolar-alveolar adenoma		<50> 2 ( 4%)	<50> 1 ( 2%)	<50> 4 ( 8%)	<50> 6 ( 12%)
	bronchiolar-alveolar carcinoma		9 ( 18%)	7 ( 14%)	9 ( 18%)	6 ( 12%)
{Hematopoietic system}						
bone marrow	hemangioma		<50> 0 ( 0%)	<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 0 ( 0%)
lymph node	malignant lymphoma		<50> 5 ( 10%)	<50> 5 ( 10%)	<50> 5 ( 10%)	<50> 5 ( 10%)
spleen	hemangioma		<50> 1 ( 2%)	<50> 3 ( 6%)	<50> 1 ( 2%)	<50> 0 ( 0%)
	mastcytoma:malignant		0 ( 0%)	1 ( 2%)	0 ( 0%)	0 ( 0%)
	hemangiosarcoma		0 ( 0%)	0 ( 0%)	1 ( 2%)	0 ( 0%)
{Digestive system}						
salivary gl	xanthoma		<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 0 ( 0%)

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

(HPT085)

BAIS4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name No. of animals on Study	Control 50	800 ppm 50	2000 ppm 50	5000 ppm 50
{Digestive system}						
salivary gl			<50>	<50>	<50>	<50>
	histiocytic sarcoma		1 ( 2%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
stomach			<50>	<50>	<50>	<50>
	squamous cell papilloma		1 ( 2%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
	carcinoid tumor		1 ( 2%)	1 ( 2%)	1 ( 2%)	0 ( 0%)
liver			<50>	<50>	<50>	<50>
	hemangioma		2 ( 4%)	1 ( 2%)	4 ( 8%)	2 ( 4%)
	hepatocellular adenoma		15 ( 30%)	10 ( 20%)	10 ( 20%)	5 ( 10%)
	histiocytic sarcoma		1 ( 2%)	4 ( 8%)	1 ( 2%)	2 ( 4%)
	hemangiosarcoma		0 ( 0%)	1 ( 2%)	2 ( 4%)	0 ( 0%)
	hepatocellular carcinoma		8 ( 16%)	11 ( 22%)	7 ( 14%)	5 ( 10%)
gall bladd			<50>	<50>	<50>	<50>
	papillary adenoma		0 ( 0%)	0 ( 0%)	1 ( 2%)	0 ( 0%)
{Endocrine system}						
pituitary			<50>	<50>	<50>	<50>
	adenoma		0 ( 0%)	1 ( 2%)	1 ( 2%)	0 ( 0%)
	adenocarcinoma		0 ( 0%)	1 ( 2%)	0 ( 0%)	0 ( 0%)
thyroid			<50>	<50>	<50>	<50>
	follicular adenoma		0 ( 0%)	0 ( 0%)	1 ( 2%)	0 ( 0%)

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 3

Organ	Findings	Group Name No. of animals on Study	Control 50	800 ppm 50	2000 ppm 50	5000 ppm 50
{Endocrine system}						
adrenal	pheochromocytoma		<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 0 ( 0%)
{Reproductive system}						
testis	sertoli cell tumor		<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 1 ( 2%)
epididymis	histiocytic sarcoma		<50> 0 ( 0%)	<50> 2 ( 4%)	<50> 0 ( 0%)	<50> 0 ( 0%)
{Nervous system}						
periph nerv	histiocytic sarcoma		<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 1 ( 2%)	<50> 0 ( 0%)
{Special sense organs/appendage}						
Harder gl	adenoma		<50> 2 ( 4%)	<50> 2 ( 4%)	<50> 2 ( 4%)	<50> 2 ( 4%)
{Musculoskeletal system}						
muscle	hemangiosarcoma		<50> 0 ( 0%)	<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 0 ( 0%)
{Body cavities}						
peritoneum	histiocytic sarcoma		<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 0 ( 0%)

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

TABLE O 2

HISTOPATHOLOGICAL FINDINGS:  
NEOPLASTIC LESIONS: FEMALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 4

Organ	Findings	Group Name No. of animals on Study	Control 50	800 ppm 50	2000 ppm 50	5000 ppm 50
{Integumentary system/appandage}						
subcutis	hemangioma		<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 1 ( 2%)	<50> 0 ( 0%)
	fibrosarcoma		1 ( 2%)	0 ( 0%)	1 ( 2%)	0 ( 0%)
{Respiratory system}						
lung	bronchiolar-alveolar adenoma		<50> 3 ( 6%)	<50> 0 ( 0%)	<50> 1 ( 2%)	<50> 1 ( 2%)
	bronchiolar-alveolar carcinoma		2 ( 4%)	4 ( 8%)	2 ( 4%)	0 ( 0%)
{Hematopoietic system}						
lymph node	histiocytic sarcoma		<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 1 ( 2%)
	malignant lymphoma		14 ( 28%)	19 ( 38%)	17 ( 34%)	15 ( 30%)
spleen	mastcytoma:benign		<50> 0 ( 0%)	<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 0 ( 0%)
	hemangioma		0 ( 0%)	0 ( 0%)	1 ( 2%)	0 ( 0%)
	malignant lymphoma		2 ( 4%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
	mastcytoma:malignant		0 ( 0%)	0 ( 0%)	0 ( 0%)	1 ( 2%)
{Digestive system}						
stomach	squamous cell papilloma		<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 1 ( 2%)

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



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 5

Organ	Findings	Group Name No. of animals on Study	Control 50	800 ppm 50	2000 ppm 50	5000 ppm 50
{Digestive system}						
small intes			<50>	<50>	<50>	<50>
	adenoma		0 ( 0%)	0 ( 0%)	1 ( 2%)	0 ( 0%)
liver			<50>	<50>	<50>	<50>
	hemangioma		3 ( 6%)	0 ( 0%)	2 ( 4%)	1 ( 2%)
	hepatocellular adenoma		2 ( 4%)	1 ( 2%)	5 ( 10%)	3 ( 6%)
	histiocytic sarcoma		1 ( 2%)	0 ( 0%)	1 ( 2%)	1 ( 2%)
	hepatocellular carcinoma		0 ( 0%)	1 ( 2%)	1 ( 2%)	1 ( 2%)
gall bladd			<50>	<50>	<50>	<50>
	papillary adenoma		1 ( 2%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
{Endocrine system}						
pituitary			<50>	<50>	<50>	<50>
	adenoma		11 ( 22%)	4 ( 8%)	6 ( 12%)	9 ( 18%)
thyroid			<50>	<50>	<50>	<50>
	C-cell adenoma		0 ( 0%)	0 ( 0%)	0 ( 0%)	1 ( 2%)
adrenal			<50>	<50>	<50>	<50>
	pheochromocytoma		1 ( 2%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
{Reproductive system}						
ovary			<50>	<50>	<50>	<50>
	cystadenoma		1 ( 2%)	1 ( 2%)	1 ( 2%)	0 ( 0%)
	hemangioma		0 ( 0%)	1 ( 2%)	2 ( 4%)	0 ( 0%)

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

(IPT085)

BAIS4

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 6

Organ	Findings	Group Name No. of animals on Study	Control 50	800 ppm 50	2000 ppm 50	5000 ppm 50
{Reproductive system}						
ovary	granulosa cell tumor:benign		<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 1 ( 2%)
	granulosa-theca cell tumor:malignant		0 ( 0%)	0 ( 0%)	0 ( 0%)	1 ( 2%)
uterus	hemangioma		<50> 0 ( 0%)	<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 2 ( 4%)
	endometrial stromal polyp		1 ( 2%)	1 ( 2%)	1 ( 2%)	3 ( 6%)
	squamous cell carcinoma		1 ( 2%)	0 ( 0%)	0 ( 0%)	0 ( 0%)
	leiomyosarcoma		0 ( 0%)	1 ( 2%)	0 ( 0%)	0 ( 0%)
	histiocytic sarcoma		7 ( 14%)	6 ( 12%)	8 ( 16%)	8 ( 16%)
mammary gl	adenoma		<50> 0 ( 0%)	<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 0 ( 0%)
	adenocarcinoma		1 ( 2%)	1 ( 2%)	0 ( 0%)	0 ( 0%)
{Special sense organs/appendage}						
Harder gl	adenoma		<50> 0 ( 0%)	<50> 5 ( 10%)	<50> 0 ( 0%)	<50> 2 ( 4%)
{Musculoskeletal system}						
bone	osteosarcoma		<50> 1 ( 2%)	<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 1 ( 2%)

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

(HPT085)

BAIS4

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Crlj[Crlj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE

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

PAGE : 7

Organ	Findings	Group Name No. of animals on Study	Control 50	800 ppm 50	2000 ppm 50	5000 ppm 50
{Body cavities}						
peritoneum	hemangioma		<50> 1 ( 2%)	<50> 0 ( 0%)	<50> 0 ( 0%)	<50> 0 ( 0%)
	fibrosarcoma		0 ( 0%)	0 ( 0%)	0 ( 0%)	1 ( 2%)
	leiomyosarcoma		0 ( 0%)	1 ( 2%)	0 ( 0%)	0 ( 0%)
retroperit			<50>	<50>	<50>	<50>
	hemangiosarcoma		0 ( 0%)	0 ( 0%)	1 ( 2%)	0 ( 0%)

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

(HPT085)

BAIS4

TABLE P 1

NEOPLASTIC LESIONS-INCIDENCE AND  
STATISTICAL ANALYSIS: MALE

STUDY No. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[BDF1]  
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 1

Group Name	Control	800 ppm	2000 ppm	5000 ppm
SITE : lung				
TUMOR : bronchiolar-alveolar adenoma				
Tumor rate				
Overall rates(a)	2/50( 4.0)	1/50( 2.0)	4/50( 8.0)	6/50( 12.0)
Adjusted rates(b)	4.88	3.23	9.76	15.38
Terminal rates(c)	2/41( 4.9)	1/31( 3.2)	3/37( 8.1)	3/33( 9.1)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.0132*			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.0422*			
Fisher Exact test(e)		P = 0.5000	P = 0.3389	P = 0.1343
SITE : lung				
TUMOR : bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	9/50( 18.0)	7/50( 14.0)	9/50( 18.0)	6/50( 12.0)
Adjusted rates(b)	19.51	22.58	18.92	15.15
Terminal rates(c)	8/41( 19.5)	7/31( 22.6)	7/37( 18.9)	5/33( 15.2)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.3073			
Prevalence method(d)	P = 0.7307			
Combined analysis(d)	P = 0.6492			
Cochran-Armitage test(e)	P = 0.4810			
Fisher Exact test(e)		P = 0.3929	P = 0.6024	P = 0.2883
SITE : lung				
TUMOR : bronchiolar-alveolar adenoma,bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	11/50( 22.0)	8/50( 16.0)	12/50( 24.0)	11/50( 22.0)
Adjusted rates(b)	24.39	25.81	25.00	25.64
Terminal rates(c)	10/41( 24.4)	8/31( 25.8)	9/37( 24.3)	7/33( 21.2)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.3073			
Prevalence method(d)	P = 0.2560			
Combined analysis(d)	P = 0.2196			
Cochran-Armitage test(e)	P = 0.7490			
Fisher Exact test(e)		P = 0.3055	P = 0.5000	P = 0.5952

STUDY No. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 2

Group Name	Control	800 ppm	2000 ppm	5000 ppm
SITE : lymph node TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	5/50( 10.0)	5/50( 10.0)	5/50( 10.0)	5/50( 10.0)
Adjusted rates(b)	9.76	6.45	5.41	6.06
Terminal rates(c)	4/41( 9.8)	2/31( 6.5)	2/37( 5.4)	2/33( 6.1)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.1929			
Prevalence method(d)	P = 0.6837			
Combined analysis(d)	P = 0.3886			
Cochran-Armitage test(e)	P = 1.0000			
Fisher Exact test(e)		P = 0.6297	P = 0.6297	P = 0.6297
SITE : spleen TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	1/50( 2.0)	3/50( 6.0)	1/50( 2.0)	0/50( 0.0)
Adjusted rates(b)	2.44	6.52	2.70	0.0
Terminal rates(c)	1/41( 2.4)	0/31( 0.0)	1/37( 2.7)	0/33( 0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.8782			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.2020			
Fisher Exact test(e)		P = 0.3087	P = 0.7525	P = 0.5000
SITE : spleen TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	1/50( 2.0)	3/50( 6.0)	2/50( 4.0)	0/50( 0.0)
Adjusted rates(b)	2.44	6.52	5.41	0.0
Terminal rates(c)	1/41( 2.4)	0/31( 0.0)	2/37( 5.4)	0/33( 0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.8429			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.2474			
Fisher Exact test(e)		P = 0.3087	P = 0.5000	P = 0.5000

STUDY No. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 3

Group Name	Control	800 ppm	2000 ppm	5000 ppm
SITE : liver TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	2/50( 4.0)	1/50( 2.0)	4/50( 8.0)	2/50( 4.0)
Adjusted rates(b)	4.88	2.94	5.13	3.03
Terminal rates(c)	2/41( 4.9)	0/31( 0.0)	1/37( 2.7)	1/33( 3.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.1480			
Prevalence method(d)	P = 0.5600			
Combined analysis(d)	P = 0.3086			
Cochran-Armitage test(e)	P = 0.8224			
Fisher Exact test(e)		P = 0.5000	P = 0.3389	P = 0.6913
SITE : liver TUMOR : hepatocellular adenoma				
Tumor rate				
Overall rates(a)	15/50( 30.0)	10/50( 20.0)	10/50( 20.0)	5/50( 10.0)
Adjusted rates(b)	34.15	32.26	27.03	15.15
Terminal rates(c)	14/41( 34.1)	10/31( 32.3)	10/37( 27.0)	5/33( 15.2)
Statistical analysis				
Peto test				
Standard method(d)	P = 1.0000 ?			
Prevalence method(d)	P = 0.9757			
Combined analysis(d)	P = 0.9833			
Cochran-Armitage test(e)	P = 0.0200*			
Fisher Exact test(e)		P = 0.1779	P = 0.1779	P = 0.0114*
SITE : liver TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	1/50( 2.0)	4/50( 8.0)	1/50( 2.0)	2/50( 4.0)
Adjusted rates(b)	0.0	0.0	0.0	0.0
Terminal rates(c)	0/41( 0.0)	0/31( 0.0)	0/37( 0.0)	0/33( 0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4427			
Prevalence method(d)	P = -----			
Combined analysis(d)	P = 0.4427			
Cochran-Armitage test(e)	P = 0.9394			
Fisher Exact test(e)		P = 0.1811	P = 0.7525	P = 0.5000

STUDY No. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 4

Group Name	Control	800 ppm	2000 ppm	5000 ppm
SITE : liver				
TUMOR : hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	8/50( 16.0)	11/50( 22.0)	7/50( 14.0)	5/50( 10.0)
Adjusted rates(b)	11.90	16.13	16.67	9.09
Terminal rates(c)	4/41( 9.8)	5/31( 16.1)	5/37( 13.5)	3/33( 9.1)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.7488			
Prevalence method(d)	P = 0.7171			
Combined analysis(d)	P = 0.8133			
Cochran-Armitage test(e)	P = 0.1932			
Fisher Exact test(e)		P = 0.3055	P = 0.5000	P = 0.2768
SITE : liver				
TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	2/50( 4.0)	2/50( 4.0)	5/50( 10.0)	2/50( 4.0)
Adjusted rates(b)	4.88	2.94	2.70	3.03
Terminal rates(c)	2/41( 4.9)	0/31( 0.0)	1/37( 2.7)	1/33( 3.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.2492			
Prevalence method(d)	P = 0.5967			
Combined analysis(d)	P = 0.3787			
Cochran-Armitage test(e)	P = 0.9805			
Fisher Exact test(e)		P = 0.6913	P = 0.2180	P = 0.6913

(HPT360A)

BAIS4



STUDY No. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 5

Group Name	Control	800 ppm	2000 ppm	5000 ppm
SITE : liver				
TUMOR : hepatocellular adenoma, hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	21/50( 42.0)	20/50( 40.0)	16/50( 32.0)	10/50( 20.0)
Adjusted rates(b)	40.48	45.16	38.46	24.24
Terminal rates(c)	16/41( 39.0)	14/31( 45.2)	14/37( 37.8)	8/33( 24.2)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.8299			
Prevalence method(d)	P = 0.9531			
Combined analysis(d)	P = 0.9746			
Cochran-Armitage test(e)	P = 0.0100*			
Fisher Exact test(e)		P = 0.5000	P = 0.2038	P = 0.0149*

(HPT360A)

BAIS4

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

TABLE P 2

NEOPLASTIC LESIONS-INCIDENCE AND  
STATISTICAL ANALYSIS: FEMALE

STUDY No. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 6

Group Name	Control	800 ppm	2000 ppm	5000 ppm
SITE : lung				
TUMOR : bronchiolar-alveolar adenoma				
Tumor rate				
Overall rates(a)	3/50( 6.0)	0/50( 0.0)	1/50( 2.0)	1/50( 2.0)
Adjusted rates(b)	8.33	0.0	3.23	4.17
Terminal rates(c)	3/36( 8.3)	0/29( 0.0)	0/23( 0.0)	1/24( 4.2)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.6618			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.5120			
Fisher Exact test(e)		P = 0.1212	P = 0.3087	P = 0.3087
SITE : lung				
TUMOR : bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	2/50( 4.0)	4/50( 8.0)	2/50( 4.0)	0/50( 0.0)
Adjusted rates(b)	5.26	6.67	6.67	0.0
Terminal rates(c)	1/36( 2.8)	1/29( 3.4)	0/23( 0.0)	0/24( 0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5520			
Prevalence method(d)	P = 0.9218			
Combined analysis(d)	P = 0.9410			
Cochran-Armitage test(e)	P = 0.1105			
Fisher Exact test(e)		P = 0.3389	P = 0.6913	P = 0.2475
SITE : lung				
TUMOR : bronchiolar-alveolar adenoma, bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	5/50( 10.0)	4/50( 8.0)	3/50( 6.0)	1/50( 2.0)
Adjusted rates(b)	13.16	6.67	9.68	4.17
Terminal rates(c)	4/36( 11.1)	1/29( 3.4)	0/23( 0.0)	1/24( 4.2)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.5520			
Prevalence method(d)	P = 0.9253			
Combined analysis(d)	P = 0.9417			
Cochran-Armitage test(e)	P = 0.0922			
Fisher Exact test(e)		P = 0.5000	P = 0.3575	P = 0.1022

STUDY No. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 7

Group Name	Control	800 ppm	2000 ppm	5000 ppm
SITE : lymph node TUMOR : malignant lymphoma				
Tumor rate				
Overall rates(a)	14/50( 28.0)	19/50( 38.0)	17/50( 34.0)	15/50( 30.0)
Adjusted rates(b)	16.67	13.79	17.39	16.67
Terminal rates(c)	6/36( 16.7)	4/29( 13.8)	4/23( 17.4)	4/24( 16.7)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.3014			
Prevalence method(d)	P = 0.4462			
Combined analysis(d)	P = 0.3063			
Cochran-Armitage test(e)	P = 0.8394			
Fisher Exact test(e)		P = 0.1976	P = 0.3329	P = 0.5000
SITE : liver TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	3/50( 6.0)	0/50( 0.0)	2/50( 4.0)	1/50( 2.0)
Adjusted rates(b)	8.33	0.0	4.35	0.0
Terminal rates(c)	3/36( 8.3)	0/29( 0.0)	1/23( 4.3)	0/24( 0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.1342			
Prevalence method(d)	P = 0.9133			
Combined analysis(d)	P = 0.5974			
Cochran-Armitage test(e)	P = 0.5557			
Fisher Exact test(e)		P = 0.1212	P = 0.5000	P = 0.3087
SITE : liver TUMOR : hepatocellular adenoma				
Tumor rate				
Overall rates(a)	2/50( 4.0)	1/50( 2.0)	5/50( 10.0)	3/50( 6.0)
Adjusted rates(b)	5.56	2.38	13.79	12.50
Terminal rates(c)	2/36( 5.6)	0/29( 0.0)	3/23( 13.0)	3/24( 12.5)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.1924			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.4775			
Fisher Exact test(e)		P = 0.5000	P = 0.2180	P = 0.5000

STUDY No. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 8

Group Name	Control	800 ppm	2000 ppm	5000 ppm
SITE : liver				
TUMOR : hepatocellular adenoma, hepatocellular carcinoma				
Tumor rate				
Overall rates(a)	2/50( 4.0)	2/50( 4.0)	6/50( 12.0)	4/50( 8.0)
Adjusted rates(b)	5.56	4.76	17.39	12.50
Terminal rates(c)	2/36( 5.6)	0/29( 0.0)	4/23( 17.4)	3/24( 12.5)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.1088			
Prevalence method(d)	P = 0.2550			
Combined analysis(d)	P = 0.1415			
Cochran-Armitage test(e)	P = 0.3580			
Fisher Exact test(e)		P = 0.6913	P = 0.1343	P = 0.3389
SITE : pituitary gland				
TUMOR : adenoma				
Tumor rate				
Overall rates(a)	11/50( 22.0)	4/50( 8.0)	6/50( 12.0)	9/50( 18.0)
Adjusted rates(b)	23.26	10.34	14.81	29.63
Terminal rates(c)	8/36( 22.2)	3/29( 10.3)	2/23( 8.7)	6/24( 25.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.3049			
Prevalence method(d)	P = 0.3244			
Combined analysis(d)	P = 0.2735			
Cochran-Armitage test(e)	P = 0.8593			
Fisher Exact test(e)		P = 0.0453*	P = 0.1434	P = 0.4016
SITE : uterus				
TUMOR : endometrial stromal polyp				
Tumor rate				
Overall rates(a)	1/50( 2.0)	1/50( 2.0)	1/50( 2.0)	3/50( 6.0)
Adjusted rates(b)	2.78	2.27	4.35	8.82
Terminal rates(c)	1/36( 2.8)	0/29( 0.0)	1/23( 4.3)	2/24( 8.3)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.0860			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.1831			
Fisher Exact test(e)		P = 0.7525	P = 0.7525	P = 0.3087

STUDY No. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE : 9

Group Name	Control	800 ppm	2000 ppm	5000 ppm
SITE : uterus TUMOR : histiocytic sarcoma				
Tumor rate				
Overall rates(a)	7/50( 14.0)	6/50( 12.0)	8/50( 16.0)	8/50( 16.0)
Adjusted rates(b)	13.89	11.76	13.04	6.06
Terminal rates(c)	5/36( 13.9)	3/29( 10.3)	3/23( 13.0)	1/24( 4.2)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.0419*			
Prevalence method(d)	P = 0.7963			
Combined analysis(d)	P = 0.2240			
Cochran-Armitage test(e)	P = 0.6532			
Fisher Exact test(e)		P = 0.5000	P = 0.5000	P = 0.5000
SITE : Harderian gland TUMOR : adenoma				
Tumor rate				
Overall rates(a)	0/50( 0.0)	5/50( 10.0)	0/50( 0.0)	2/50( 4.0)
Adjusted rates(b)	0.0	11.63	0.0	8.33
Terminal rates(c)	0/36( 0.0)	3/29( 10.3)	0/23( 0.0)	2/24( 8.3)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.4014			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.9435			
Fisher Exact test(e)		P = 0.0281*	P = N.C.	P = 0.2475

(HPT360A)

BAIS4

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

TABLE Q 1

HISTOPATHOLOGICAL FINDINGS:  
METASTASIS OF TUMOR: MALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Crj[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 1

		Group Name	Control	800 ppm	2000 ppm	5000 ppm
		No. of Animals on Study	50	50	50	50
Organ	Findings					
(Respiratory system)						
nasal cavit			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	2	0	0
lung			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	2	2	0
	metastasis:liver tumor		3	3	4	3
(Hematopoietic system)						
bone marrow			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	1	1	0
	metastasis:liver tumor		0	2	1	1
lymph node	metastasis:spleen tumor		0	1	0	0
			<50>	<50>	<50>	<50>
	metastasis:subcutis tumor		0	1	0	0
spleen	metastasis:lung tumor		1	0	0	0
			<50>	<50>	<50>	<50>
	leukemic cell infiltration		5	5	4	2
	metastasis:liver tumor		0	2	0	0
(Circulatory system)						
heart			<50>	<50>	<50>	<50>
	metastasis:liver tumor		0	0	1	0
	metastasis:lung tumor		0	0	1	0

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



STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 2

Organ	Findings	Group Name No. of Animals on Study	Control 50	800 ppm 50	2000 ppm 50	5000 ppm 50
{Digestive system}						
salivary gl			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	1	0	0
	metastasis:liver tumor		0	1	0	0
stomach			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	0	1
small intes			<50>	<50>	<50>	<50>
	leukemic cell infiltration		0	0	1	1
liver			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	3	3	1
	metastasis:lung tumor		0	0	1	0
	metastasis:spleen tumor		0	1	0	0
pancreas			<50>	<50>	<50>	<50>
	leukemic cell infiltration		1	0	0	0
	metastasis:peritoneum tumor		1	0	0	0
{Urinary system}						
kidney			<50>	<50>	<50>	<50>
	leukemic cell infiltration		2	2	0	0
	metastasis:liver tumor		0	0	0	1
	metastasis:peritoneum tumor		1	0	0	0
urin bladd			<49>	<50>	<50>	<50>
	leukemic cell infiltration		0	3	0	0

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

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : MALE

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

PAGE : 3

Group Name		Control	800 ppm	2000 ppm	5000 ppm
No. of Animals on Study		50	50	50	50
Organ	Findings				
{Urinary system}					
urin bladd	metastasis:liver tumor	<49> 0	<50> 0	<50> 0	<50> 1
{Endocrine system}					
pituitary	metastasis:peripheral nerve tumor	<50> 1	<50> 0	<50> 1	<50> 0
{Reproductive system}					
testis	metastasis:peripheral nerve tumor	<50> 0	<50> 0	<50> 1	<50> 0
{Nervous system}					
brain	metastasis:liver tumor	<50> 0	<50> 1	<50> 0	<50> 1
	metastasis:pituitary tumor	0	1	0	0
	metastasis:peripheral nerve tumor	0	0	1	0
{Special sense organs/appendage}					
Harder gl	leukemic cell infiltration	<50> 0	<50> 1	<50> 0	<50> 0
{Musculoskeletal system}					
bone	metastasis:lung tumor	<50> 0	<50> 0	<50> 1	<50> 0

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

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : MALE

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

PAGE : 4

		Group Name	Control	800 ppm	2000 ppm	5000 ppm
Organ	Findings	No. of Animals on Study	50	50	50	50
{Body cavities}						
pleura	metastasis:spleen tumor		<50> 0	<50> 1	<50> 0	<50> 0
mediastinum	leukemic cell infiltration		<50> 0	<50> 0	<50> 0	<50> 1
peritoneum	metastasis:epididymis tumor		<50> 0	<50> 1	<50> 0	<50> 0
< a >	a : Number of animals examined at the site					
b	b : Number of animals with lesion					

(JPT150)

BAIS4

TABLE Q 2

HISTOPATHOLOGICAL FINDINGS:  
METASTASIS OF TUMOR: FEMALE

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 5

Organ	Group Name No. of Animals on Study	Control 50	800 ppm 50	2000 ppm 50	5000 ppm 50
(Respiratory system)					
nasal cavit		<50>	<50>	<50>	<50>
leukemic cell infiltration		0	1	0	0
lung		<50>	<50>	<50>	<50>
leukemic cell infiltration		10	12	11	10
metastasis:liver tumor		0	0	0	1
metastasis:uterus tumor		0	4	0	2
metastasis:bone tumor		1	1	0	0
metastasis:ovary tumor		0	0	0	1
(Hematopoietic system)					
bone marrow		<50>	<50>	<50>	<50>
leukemic cell infiltration		5	5	9	5
metastasis:liver tumor		1	0	1	1
metastasis:uterus tumor		0	2	2	2
lymph node		<50>	<50>	<50>	<50>
metastasis:uterus tumor		1	0	1	0
spleen		<50>	<50>	<50>	<50>
leukemic cell infiltration		9	11	13	9
metastasis:liver tumor		0	0	1	1
metastasis:uterus tumor		0	0	0	1
(Circulatory system)					
heart		<50>	<50>	<50>	<50>
leukemic cell infiltration		0	0	1	1
< a > a : Number of animals examined at the site b b : Number of animals with lesion					

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 6

Group Name No. of Animals on Study		Control 50	800 ppm 50	2000 ppm 50	5000 ppm 50
Organ	Findings				
(Circulatory system)					
heart	metastasis:liver tumor	<50> 0	<50> 0	<50> 0	<50> 1
	metastasis:uterus tumor	0	1	0	0
(Digestive system)					
tongue	leukemic cell infiltration	<50> 0	<50> 1	<50> 0	<50> 0
	leukemic cell infiltration	<50> 0	<50> 1	<50> 2	<50> 1
esophagus	leukemic cell infiltration	<50> 1	<50> 0	<50> 0	<50> 0
	leukemic cell infiltration	<50> 0	<50> 0	<50> 0	<50> 2
small intes	leukemic cell infiltration	<50> 12	<50> 14	<50> 13	<50> 8
	metastasis:uterus tumor	4	3	5	6
pancreas	leukemic cell infiltration	<50> 0	<50> 0	<50> 1	<50> 0
	metastasis:ovary tumor	0	0	0	1
	metastasis:lymph node tumor	0	0	0	1
(Urinary system)					
kidney	leukemic cell infiltration	<50> 2	<50> 8	<50> 8	<50> 5
	leukemic cell infiltration	<50> 2	<50> 8	<50> 8	<50> 5
< a > a : Number of animals examined at the site b b : Number of animals with lesion					

STUDY NO. : 0642  
 ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
 REPORT TYPE : A1  
 SEX : FEMALE

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

PAGE : 7

Group Name No. of Animals on Study		Control 50	800 ppm 50	2000 ppm 50	5000 ppm 50
Organ	Findings				
(Urinary system)					
kidney	metastasis:uterus tumor	<50> 0	<50> 0	<50> 0	<50> 3
	metastasis:ovary tumor	0	0	0	1
	metastasis:spleen tumor	0	0	0	1
urin bladd	leukemic cell infiltration	<50> 3	<50> 5	<50> 3	<50> 3
(Endocrine system)					
pituitary	leukemic cell infiltration	<50> 0	<50> 1	<50> 0	<50> 2
adrenal	leukemic cell infiltration	<50> 1	<50> 1	<50> 4	<50> 1
(Reproductive system)					
ovary	leukemic cell infiltration	<50> 0	<50> 5	<50> 7	<50> 5
	metastasis:uterus tumor	1	1	4	4
uterus	leukemic cell infiltration	<50> 1	<50> 3	<50> 0	<50> 2
	metastasis:ovary tumor	0	0	0	1
(Nervous system)					
brain	leukemic cell infiltration	<50> 1	<50> 3	<50> 3	<50> 2
< a >	a : Number of animals examined at the site				
b	b : Number of animals with lesion				

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE

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

PAGE : 8

Group Name		Control	800 ppm	2000 ppm	5000 ppm
No. of Animals on Study		50	50	50	50
Organ	Findings				
{Nervous system}					
spinal cord	leukemic cell infiltration	<50> 0	<50> 0	<50> 3	<50> 1
	metastasis:liver tumor	1	0	0	0
{Special sense organs/appendage}					
eye	leukemic cell infiltration	<50> 0	<50> 0	<50> 1	<50> 0
	Harder gl	<50> 0	<50> 6	<50> 3	<50> 0
{Musculoskeletal system}					
muscle	leukemic cell infiltration	<50> 1	<50> 1	<50> 0	<50> 0
	metastasis:bone tumor	0	1	0	0
{Body cavities}					
pleura	metastasis:uterus tumor	<50> 0	<50> 1	<50> 0	<50> 0
	metastasis:lung tumor	0	1	0	0
mediastinum	leukemic cell infiltration	<50> 3	<50> 3	<50> 2	<50> 3
	metastasis:liver tumor	0	0	0	1
	metastasis:uterus tumor	0	1	0	0
< a > a : Number of animals examined at the site b b : Number of animals with lesion					



STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
REPORT TYPE : A1  
SEX : FEMALE

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

PAGE : 9

		Group Name	Control	800 ppm	2000 ppm	5000 ppm
Organ_____	Findings_____	No. of Animals on Study	50	50	50	50
<hr/>						
(Body cavities)						
mediastinum		<50>	<50>	<50>	<50>	
	metastasis:lung tumor	0	1	0	0	
peritoneum		<50>	<50>	<50>	<50>	
	leukemic cell infiltration	2	2	1	0	
	metastasis:bone tumor	0	0	0	1	
<hr/>						
< a >	a : Number of animals examined at the site					
b	b : Number of animals with lesion					
<hr/>						
(JPT150)						BAIS

TABLE R 1

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

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

Organs Tumors	No. of animals examined	No. of animals bearing tumor	Incidence (%)	Min. - Max. (%)
Lung	2144			
Bronchiolar-alveolar adenoma		187	8.7	2 - 18
Bronchiolar-alveolar carcinoma		215	10.0	0 - 24
Bronchiolar-alveolar adenoma + Bronchiolar-alveolar carcinoma		401	18.7	2 - 34

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

Study No. : 0044, 0060, 0062, 0064, 0066, 0068, 0096, 0105, 0116, 0140, 0159, 0163, 0190,  
0206, 0211, 0225, 0243, 0268, 0270, 0279, 0285, 0297, 0319, 0329, 0343, 0348,  
0366, 0372, 0402, 0406, 0418, 0422, 0438, 0449, 0458, 0462, 0498, 0515, 0561,  
0580, 0611, 0613, 0676

TABLE R 2

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

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

Organs Tumors	No. of animals examined	No. of animals bearing tumor	Incidence (%)	Min. - Max. (%)
Uterus Histiocytic sarcoma	2145	440	20.5	10 - 32

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

Study No. : 0044, 0060, 0062, 0064, 0066, 0068, 0096, 0105, 0116, 0140, 0159, 0163, 0190,  
0206, 0211, 0225, 0243, 0268, 0270, 0279, 0285, 0297, 0319, 0329, 0343, 0348,  
0366, 0372, 0402, 0406, 0418, 0422, 0438, 0449, 0458, 0462, 0498, 0515, 0561,  
0580, 0611, 0613, 0676

TABLE S 1

CAUSE OF DEATH: MALE

STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/Cr1j[Crj:BDF1]  
SEX : MALE

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

PAGE : 1

Group Name	Control	800 ppm	2000 ppm	5000 ppm
Number of Dead and Moribund Animal	9	19	13	17
no microscop confirm	1	0	0	0
respiratory sy les	0	0	0	1
hepatic lesion	0	0	0	1
urinary retention	1	2	0	3
hydronephrosis	0	1	1	3
peritonitis	0	0	1	0
tumor d:leukemia	1	3	3	3
tumor d:subcutis	0	1	0	0
tumor d:lung	1	0	2	1
tumor d:liver	5	10	5	5
tumor d:pituitary	0	1	0	0
tumor d:periph nerv	0	0	1	0
tumor d:muscle	0	1	0	0

(BT0120)

BAIS4

**TABLE S 2**

**CAUSE OF DEATH: FEMALE**



STUDY NO. : 0642  
ANIMAL : MOUSE B6D2F1/CrJ[CrJ:BDF1]  
SEX : FEMALE

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

PAGE : 2

Group Name	Control	800 ppm	2000 ppm	5000 ppm
Number of Dead and Moribund Animal	14	21	27	26
no microscop confirm	0	0	1	0
arteritis	0	0	1	0
hydronephrosis	1	1	2	3
tumor d:leukemia	8	15	13	11
tumor d:lung	0	1	0	0
tumor d:liver	1	0	2	3
tumor d:pituitary	1	0	2	1
tumor d:ovary	0	0	0	1
tumor d:uterus	2	3	5	6
tumor d:bone	1	1	0	0
tumor d:peritoneum	0	0	0	1
tumor d:retroperit	0	0	1	0

(BTO120)

BATS4