2-ブロモプロパンの rasH2 マウスを用いた 吸入による中期がん原性試験報告書

試験番号:0886

TABLES

TABLES

TABLE	A	CONCENTRATIONS OF 2-BROMOPROPANE IN THE INHALATION CHAMBER OF rasH2 MICE IN THE 26-WEEK CARCINOGENICITY STUDY
TABLE	B 1	SURVIVAL ANIMAL NUMBERS: MALE
TABLE	B 2	SURVIVAL ANIMAL NUMBERS: FEMALE
TABLE	C 1	CLINICAL OBSERVATION: MALE
TABLE	C 2	CLINICAL OBSERVATION: FEMALE
TABLE	D 1	BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE
TABLE	D 2	BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE
TABLE	D 3	BODY WEIGHT CHANGES: MALE
TABLE	D 4	BODY WEIGHT CHANGES: FEMALE
TABLE	E 1	FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS: MALE
TABLE	E 2	FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS: FEMALE
TABLE	Е 3	FOOD CONSUMPTION CHANGES: MALE
TABLE	E 4	FOOD CONSUMPTION CHANGES: FEMALE
TABLE	F 1	URINALYSIS: MALE
TABLE	F 2	URINALYSIS: FEMALE
TABLE	G 1	HEMATOLOGY: MALE
TABLE	G 2	HEMATOLOGY: FEMALE

TABLES (CONTINUED)

TABLE	H 1	BIOCHEMISTRY: MALE
TABLE	H 2	BIOCHEMISTRY: FEMALE
TABLE	I 1	GROSS FINDINGS: MALE
TABLE	I 2	GROSS FINDINGS: FEMALE
TABLE	J 1	ORGAN WEIGHT, ABSOLUTE: MALE
TABLE	J 2	ORGAN WEIGHT, ABSOLUTE: FEMALE
TABLE	K 1	ORGAN WEIGHT, RELATIVE: MALE
TABLE	K 2	ORGAN WEIGHT, RELATIVE: FEMALE
TABLE	L 1	HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS: MALE
TABLE	L 2	HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS: FEMALE
TABLE	M 1	NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS: MALE
TABLE	M 2	NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS: FEMALE
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: METASTASIS OF TUMOR: MALE
TABLE	O 2	HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR: FEMALE

TABLES (CONTINUED)

TABLE	P 1	HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS : MALE
TABLE	P 2	HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS : FEMALE
TABLE	Q 1	CAUSE OF DEATH: MALE

TABLE $\,$ Q 2 $\,$ CAUSE OF DEATH: FEMALE

TABLE A

CONCENTRATIONS OF 2-BROMOPROPANE IN THE INHALATION CHAMBER OF rasH2 MICE IN THE 26-WEREK CARCINOGENICITY STUDY

CONCENTRATIONS OF 2-BROMOPROPANE IN THE INHALATION CHAMBER OF rasH2 MICE IN THE 26-WEEK CARCINOGENICITY STUDY

Group Name	Concentration(ppm) $Mean \pm S.D.$
Control	0.0 ± 0.0
67 ppm	66.8 ± 1.2
200 ppm	200.6 ± 3.6
600 ppm	599.2 ± 10.0

TABLE B1

SURVIVAL ANIMAL NUMBERS: MALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

REPORT TYPE : A1 26

·SEX : MALE

SURVIVAL ANIMAL NUMBERS

PAGE: 1 Group Name Animals Administration (Weeks) 2 5 7 At start 6 8 10 11 12 13 14 Control 25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100,0 100.0 100.0 100, 0 100.0 100.0 100.0 67ppm 25/25 25/25 25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 200ppm 25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100, 0 100.0 100.0 100.0 100.0 100.0 600ррт 25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 100.0 100.0 100.0 100.0 100.0 100.0 100,0 100.0 100, 0 100.0 100.0 100.0 100.0 100.0

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

(HAN360)

BA1S5

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

REPORT TYPE : A1 26

SEX : MALE

SURVIVAL ANIMAL NUMBERS

Name .	Animals	Administ	tration (Wee	ks)						•			
	At start	15	16	17	18	19	20	21	22	23	24	25	26
Control	25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
		100.0	100. 0	100.0	100.0	100.0	100.0	100. 0	100.0	100.0	100. 0	100.0	100. 0
67ррт	25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
	N.	100.0	100.0	100.0	100.0	100. 0	100.0	100. 0	100.0	100.0	100.0	100. 0	100. 0
200ppm	25	24/25	24/25	23/25	23/25	23/25	23/25	23/25	23/25	23/25	22/25	22/25	21/25
		96. 0	96. 0	92. 0	92.0	92. 0	92. 0	92. 0	92. 0	92. 0	88.0	88.0	84. 0
600ррт	25	25/25	25/25	25/25	25/25	25/25	25/25	24/25	24/25	24/25	24/25	24/25	24/25
		100. 0	100.0	100.0	100. 0	100.0	100.0	96. 0	96.0	96, 0	96. 0	96.0	96. 0

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

(HAN360)

BA1S5

TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

REPORT TYPE : A1 26

SEX : FEMALE

up Name	Animals	Administ	ration (Wee	ks)											
	At start	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Control	25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
		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
67ppm	25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
		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
200ppm	25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
		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
600ppm	25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
		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

SURVIVAL ANIMAL NUMBERS

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

(HAN360)

BA1S5

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

REPORT TYPE : A1 26

SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

PAGE: 4 Group Name Animals Administration (Weeks) 15 16 17 At start 18 19 20 21 22 23 24 25 26 Control 25 25/25 25/25 25/25 25/25 24/25 23/25 23/25 23/25 23/25 23/25 23/25 23/25 100.0 100.0 100.0 100.0 92.0 96.0 92.0 92.0 92.0 92.0 92.0 92.0 67ppm 25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 24/25 24/25 24/25 24/25 24/25 100.0 100.0 100.0 100,0 100.0 100.0 100.0 96.0 96.0 96. 0 96.0 96.0 200ppm 25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 25/25 24/25 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 96.0 600ppm 25 25/25 25/25 25/25 25/25 24/25 23/25 23/25 21/25 20/25 21/25 20/25 19/25 100.0 100.0 100, 0 100.0 96. 0 92, 0 92.0 84.0 84.0 80.0 80.0 76.0

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

(HAN360)

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TABLE C1

CLINICAL OBSERVATION: MALE

STUDY NO. : 0886 ANIMAL : Jie:CB6F1-Tg rasH2@Jcl CLINICAL OBSERVATION (SUMMARY)

SURVIVAL ANIMALS

REPORT TYPE : A1 26

SEX : MALE

PAGE: 1

Clinical sign	Group Name	Admini	stration W	eek-day											
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
							•			• .		-			
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	67ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	600ppm	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0
I. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	67ppm	0	0	0	0	0	0	0	0	0	0	0 .	0	0	0
	200ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	600ррт	0	0	, 0	0	- 0	0	0	0	0	0	0	0	0	0
I. TAIL	Contro I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	67ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200ppm	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0
	600ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ION REMARKABLE	Control	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	67ppm	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	200ppm	21	21	21	21	21	21	21	21	21	21	21	21	21	21
	600ppm	24	24	24	24	24	24	24	24	24	24	24	24	24	24

(HAN190)

CLINICAL OBSERVATION (SUMMARY)

SURVIVAL ANIMALS

ANIMAL : Jic:CB6F1-Tg rasH2@JcI REPORT TYPE : A1 26

SEX : MALE

PAGE: 2

Clinical sign	Group Name	Admini	stration W	eek-day _							_			
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	
EXTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	
	67ppm	ő	Ö	Ô	0	Ö	o	0	0	0	0	0	0	
	200ppm	ň	ŏ	Ö	ő	Ö	ő	0	Ö	Ö	Ö	0	0	
	600ppm	ŏ	ő	0	1	1	1	1	1	t	1	1	2	
		•	-	_	, ·	·	•	·	•	•	,	•	_	,
M. NOSE	Control	0	0	0	0	0	0	0	0	0	0	0	0	
	67ppm	0	0	0	0	0	0	0	0	0	0	0	0	
	200ррт	0	0	0	0	0	0	0	0	0	0	0	0	
	600ppm	0	0	0	0	0	0	0	0	0	0	0	1	
A. TAIL	Control	0	0	0	0	0	0	0	0	0	0	0	0	
	67ppm	Õ	ő	ŏ	Ö	ŏ	Ö	ő	Ö	0	0	Ö	0	
	200ppm	ō	ŏ	ō	Ö	ŏ	ő	ő	Ö	Ŏ	0	ñ	Ô	
	600ppm	0	Ō	Ō	1	1	1	1	1	1	1	1	1	
NON REMARKABLE	Contro l	25	25	25	25	25	25	25	25	25	25	25	25	
	67ppm	25	25	25	25	25	25	25	25	25	25	25	25	
	200ppm	21	21	21	21	21	21	21	21	21	21	21	, 21	
	600ppm	24	24	24	23	23	23	23	23	23	23	23	22	

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TABLE C2

CLINICAL OBSERVATION: FEMALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jc!

CLINICAL OBSERVATION (SUMMARY) SURVIVAL ANIMALS

REPORT TYPE : A1 26

SEX : FEMALE

linical sign	Group Name	Admini	stration W	eek-day											
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
ASTING	Control	0	0		0	•	•	•		•			•	•	
io i ind	67ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	200ppm	0	0	0	0	0 0	0	0 0	0	0	0	0	0	0	0
	600ppm	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0
	оборры	. 0	U	v	U	U	U	U	U	·	U	U	U	U	U
TERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	67ppm	0	0	0	0	0	'ο	0	0	0	0	0	0	0	0
	200ppm	0 .	0	0	0	0	0	0	0	0	0	0	0	0	0
	600ррт	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0
EAR	Contro I	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	67ppm	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0
	200ррт	0	0	0	0	0	0	0	0	0	0	0	0	Ó	0
	600ррт	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	67ppm	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0
	200ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	600ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHYPNEA	Contro!	0	0	0	0	0	0	0	0	0	0	0	0 .	0	0
	67ppm	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0
	200ppm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	600ppm	0 .	0	0	0	0	0	0	0	0	0	0	0	0	0
N REMARKABLE	Control	23	23	23	23	23	23	23	23	23	23	23	23	23	23
	67ррт	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	200ppm	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	600ppm	19	19	19	19	19	19	19	19	19	19	19	19	19	19

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

CLINICAL OBSERVATION (SUMMARY) SURVIVAL ANIMALS

REPORT TYPE : A1 26

SEX : FEMALE PAGE: 4

Clinical sign	Group Name	Admini	stration #	leek-day			•							
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7	,
AST1NG	Control	0	0	0	0	0	0	0	0	0	. 0	0		
AOTTING	67ppm	0	Ö	0	0	0	0	0 0	0	0	0	0	0	
	200ppm	0	0	0	0	.0	0	Ö	0	0	0	0	0	
	200ppm 600ppm	0	0	0	0	0	0	0	0	0	0	0	0	
	осорры	v	U	U	U	U	U	U	U	U	U	U	•	
XTERNAL MASS	Control	0	0	0	0	0	0	0	0	0	0	0	0	-
	67ррт	0	0	0	0	0	0	0	0	1	1	1	1	
	200ppm	0	0	0	0	0	0	0	0	0	0	0	O	
	600ppm	0	0	0	0	0	0	0	0	0	0	0	1	
			:											
I, EAR	Control	0	0	0	0	0	0	0	0	0	0	0	0	
	67ppm	0	0	0	0	0	0	0	0	0	0	0	0	
	200ррт	0	0	0	0	0	0	0	0	0	0	0	0	
	600ppm	0	0	0	0	0	0	0	0	0	0	0	1	
I. HINDLIMB	Control	0	0	0	0	0	0	0	0	0	0	0	0	
•	67ppm	0	0	0	C	0	0	0	0.	1	1	1	1	•
	200ррт	0	0	0	0	0	Ó	Ō	0	Ò	- 0	ò	ò	
	600ррт	0	0	0	0	0	0	0	0	0	0	ō	Ō	
ACHYPNEA	. Control	0	0	0	0	0	0	0	0	0	0	0	0	
	67ppm	0	Ō	Ö	Ö	ō	ŏ	ŏ	Ö	ŏ	Ö	ŏ	ŏ	
	200ppm	Ō	Õ	Ö	ō	Ŏ	Ö	ŏ	Ö	Ö	Ö	Õ	ő	
	600ppm	Ō	0	Ō	Ö	ō	ő	Ö	Ö	ŏ	ő	Ö	1	
ON REMARKABLE	Control	23	23	23	23	23	23	23	23	23	23	23	23	
	67ppm	24	24	24	24	24	24	24	24	23	· 23	23	23	
	200ppm	24	24	24	24	24	24	24	24	24	24	24	23 24	
	600ppm	19	19	19	19	19	19	19	19	19	19	19	24 17	

TABLE D1

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0886 ANTWAL

: Jie:CB6F1-Tg rasH2@Jcl

MEAN BODY WEIGHTS AND SURVIVAL

UNIT : g
REPORT TYPE : A1 26
SEX : MALE

PAGE: 1

The second of th		C	Control		67рр	m		200p	pm		600p	ρm			
1	Week on Study		Surviv.	Av. Wt.	cont.		Av. Wt.	cont.		Av. Wt.	cont.		_		-
1	<u> </u>	24.4 (25)	25/25	24 4 (25)	100	25/25	24 4 (25)	100	25/25	24 5 (25)	100	25/25			
2 26. 3 (25) 25/25 25. 4 (25) 97 25/25 25. 5 (25) 97 25/25 26. 0 (25) 96 25/26 25. 9 (25) 96 25/25 25. 9 (25) 96 25/25 25. 9 (25) 94 25/25 25. 7 (26) 96 25/25 26. 1 (25) 94 25/25 94 25/25 94 25/25 94 25/25 94 25/25 94 25/25 94 25/25 94 25/25 94 25/25 26. 1 (26) 93 25/25 27 1 25 94 25/25 26 9 25/25 27	1								-						
3	2								-						
4 27.7 (25) 25/25 26.5 (25) 96 25/25 26.1 (25) 94 25/25 26.1 (25) 94 25/25 26.2 (25) 25/25 26.8 (26) 95 25/25 26.5 (26) 94 25/25 26.1 (26) 93 25/25 27.4 (26) 95 25/25 27.1 (26) 94 25/25 26.9 (26) 93 25/25 28.0 (26) 96 25/25 27.1 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 94 25/25 27.4 (26) 93 25/2	3					•			•			,			
5 28. 2 (25) 25/25 26. 8 (25) 95 25/25 26. 5 (25) 94 25/25 26. 1 (26) 93 25/25 6 28. 9 (25) 25/25 27. 4 (25) 95 25/25 27. 1 (26) 94 25/25 26. 9 (25) 93 25/25 8 29. 6 (25) 25/25 28. 0 (25) 96 25/25 27. 4 (25) 94 25/25 27. 4 (25) 93 25/25 9 29. 6 (25) 25/25 28. 5 (25) 96 25/25 27. 9 (25) 95 25/25 27. 9 (25) 95 25/25 27. 0 (26) 90 25/25 10 30. 1 (25) 25/25 28. 6 (25) 95 25/25 27. 9 (26) 93 25/25 27. 0 (26) 90 25/25 11 30. 0 (25) 25/25	4								•						
6	5								•						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6					-			•						
8	7														
9	8			28.4 (25)	96	-									
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9	29.6 (25)	25/25	28. 5 (25)	96	25/25	28.0 (25)	95	•						
11 30.0 (25) 25/25 28.7 (25) 96 25/25 27.9 (25) 93 25/25 27.2 (25) 91 25/25 12 30.1 (25) 25/25 28.8 (25) 96 25/25 27.6 (25) 92 25/25 27.2 (25) 90 25/25 13 30.6 (25) 25/25 29.0 (25) 95 25/25 27.9 (25) 91 25/25 27.5 (25) 90 25/25 14 30.7 (25) 25/25 29.1 (25) 95 25/25 28.0 (25) 91 25/25 27.4 (25) 89 25/25 15 30.4 (25) 25/25 29.1 (25) 96 25/25 27.7 (24) 91 24/25 27.4 (25) 90 25/25 16 30.9 (25) 25/25 29.5 (25) 95 25/25 27.8 (24) 90 24/25 27.3 (25) 88 25/25 17 <td>10</td> <td>30.1 (25)</td> <td>25/25</td> <td>28, 6 (25)</td> <td>95</td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	10	30.1 (25)	25/25	28, 6 (25)	95				•						
12	11	30.0 (25)	25/25	28.7 (25)	96	25/25		93							
13 30.6 (25) 25/25 29.0 (25) 95 25/25 27.9 (25) 91 25/25 27.5 (25) 90 25/25 14 30.7 (25) 25/25 29.2 (25) 95 25/25 28.0 (25) 91 25/25 27.4 (25) 89 25/25 15 30.4 (25) 25/25 29.1 (25) 96 25/25 27.7 (24) 91 24/25 27.4 (25) 90 25/25 16 30.9 (25) 25/25 29.5 (25) 95 25/25 27.8 (24) 90 24/25 27.3 (25) 88 25/25 17 30.9 (25) 25/25 29.4 (25) 95 25/25 28.3 (23) 92 23/25 27.5 (25) 89 25/25 18 31.3 (25) 25/25 29.8 (25) 95 25/25 28.8 (23) 92 23/25 28.3 (25) 90 25/25 19 31.5 (25) 25/25 30.1 (26) 96 25/25 28.8 (23) 91 23/25 28.6 (25) 91 25/25 20 31.8 (25) 25/25 30.5 (25) 9	12	30.1 (25)	25/25	28.8 (25)	96			92							
15 30.4 (25) 25/25 29.1 (25) 96 25/25 27.7 (24) 91 24/25 27.4 (25) 90 25/25 16 30.9 (25) 25/25 29.5 (25) 95 25/25 27.8 (24) 90 24/25 27.3 (25) 88 25/25 17 30.9 (25) 25/25 29.4 (25) 95 25/25 28.3 (23) 92 23/25 27.5 (25) 89 25/25 18 31.3 (25) 25/25 29.8 (25) 95 25/25 28.8 (23) 92 23/25 28.3 (25) 90 25/25 19 31.5 (25) 25/25 30.1 (25) 96 25/25 28.8 (23) 91 23/25 28.6 (25) 91 25/25 20 31.8 (25) 25/25 30.5 (25) 96 25/25 28.9 (23) 91 23/25 28.8 (25) 91 25/25 21 <td>13</td> <td>30.6 (25)</td> <td>25/25</td> <td>29.0 (25)</td> <td>95</td> <td>25/25</td> <td>27. 9 (25)</td> <td>91</td> <td>25/25</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	13	30.6 (25)	25/25	29.0 (25)	95	25/25	27. 9 (25)	91	25/25						
15 30.4 (25) 25/25 29.1 (25) 96 25/25 27.7 (24) 91 24/25 27.4 (25) 90 25/25 16 30.9 (25) 25/25 29.5 (25) 95 25/25 27.8 (24) 90 24/25 27.3 (25) 88 25/25 17 30.9 (25) 25/25 29.4 (25) 95 25/25 28.3 (23) 92 23/25 27.5 (25) 89 25/25 18 31.3 (25) 25/25 29.8 (25) 95 25/25 28.8 (23) 92 23/25 28.3 (26) 90 25/25 19 31.5 (25) 25/25 30.1 (26) 96 25/25 28.8 (23) 91 23/25 28.6 (25) 91 25/25 20 31.8 (25) 25/25 30.5 (25) 96 25/25 28.8 (23) 91 23/25 28.8 (25) 91 25/25 21 <td>14</td> <td>30.7 (25)</td> <td>25/25</td> <td>29. 2 (25)</td> <td>95</td> <td>25/25</td> <td>28. 0 (25)</td> <td>91</td> <td>25/25</td> <td>27.4 (25)</td> <td>89</td> <td>25/25</td> <td></td> <td></td> <td></td>	14	30.7 (25)	25/25	29. 2 (25)	95	25/25	28. 0 (25)	91	25/25	27.4 (25)	89	25/25			
17	15	30.4 (25)	25/25	29. 1 (25)	96	25/25	27.7 (24)	91	24/25	27.4 (25)	90				
18 31.3 (25) 25/25 29.8 (25) 95 25/25 28.8 (23) 92 23/25 28.3 (25) 90 25/25 19 31.5 (25) 25/25 30.1 (25) 96 25/25 28.8 (23) 91 23/25 28.6 (25) 91 25/25 20 31.8 (25) 25/25 30.5 (25) 96 25/25 28.8 (23) 91 23/25 28.8 (25) 91 25/25 21 31.7 (25) 25/25 30.5 (25) 96 25/25 28.9 (23) 91 23/25 28.8 (25) 91 25/25 22 32.2 (25) 25/25 30.8 (25) 96 25/25 29.2 (23) 91 23/25 28.6 (24) 89 24/25 23 32.4 (25) 25/25 30.9 (25) 95 25/25 29.6 (23) 91 23/25 28.9 (24) 89 24/25 24 32.3 (25) 25/25 31.0 (25) 96 25/25 29.3 (22) 91 22/25 28.9 (24)	16	30.9 (25)	25/25	29.5 (25)	95	25/25	27.8 (24)	90	24/25		88	25/25			
19	17	30.9 (25)	25/25	29.4 (25)	95	25/25	28, 3 (23)	92	23/25	27.5 (25)	89				
20	18			29.8 (25)	95	25/25	28, 8 (23)	92	23/25	28.3 (25)	90	25/25			
21	19	.31.5 (25)	25/25	30, 1 (25)	96	25/25	28.8 (23)	91	23/25	28.6 (25)	91	25/25			
22 32. 2 (25) 25/25 30. 8 (25) 96 25/25 29. 2 (23) 91 23/25 28. 6 (24) 89 24/25 23 32. 4 (25) 25/25 30. 9 (25) 95 25/25 29. 6 (23) 91 23/25 28. 9 (24) 89 24/25 24 32. 3 (25) 25/25 31. 0 (25) 96 25/25 29. 3 (22) 91 22/25 28. 9 (24) 89 24/25 25 32. 6 (25) 25/25 31. 3 (25) 96 25/25 29. 7 (22) 91 22/25 29. 2 (24) 90 24/25			•	30. 5 (25)	96	25/25	28.8 (23)	91	23/25	28.8 (25)	91	25/25			
23 32.4 (25) 25/25 30.9 (25) 95 25/25 29.6 (23) 91 23/25 28.9 (24) 89 24/25 24 32.3 (25) 25/25 31.0 (25) 96 25/25 29.3 (22) 91 22/25 28.9 (24) 89 24/25 25 32.6 (25) 25/25 31.3 (25) 96 25/25 29.7 (22) 91 22/25 29.2 (24) 90 24/25	21	31.7 (25)	25/25	30. 5 (25)	96	25/25	28.9 (23)	91	23/25	28.3 (24)	89	24/25			
24 32.3 (25) 25/25 31.0 (25) 96 25/25 29.3 (22) 91 22/25 28.9 (24) 89 24/25 25 32.6 (25) 25/25 31.3 (25) 96 25/25 29.7 (22) 91 22/25 29.2 (24) 90 24/25	22	32. 2 (25)	25/25	30, 8 (25)	96	25/25	29.2 (23)	91	23/25	28.6 (24)	89	24/25			
25 32.6 (25) 25/25 31.3 (25) 96 25/25 29.7 (22) 91 22/25 29.2 (24) 90 24/25				30.9 (25)	95	25/25	29.6 (23)	91	23/25	28.9 (24)	89	24/25			
	24			31.0 (25)	96	25/25	29.3 (22)	91	22/25	.28, 9 (24)	89	24/25			
26 32.5 (25) 25/25 31.8 (25) 98 25/25 29.7 (22) 91 21/25 29.5 (24) 91 24/25				31.3 (25)	96	25/25	29.7 (22)	91	22/25	29, 2 (24)	90	24/25			
	26	32, 5 (25)	25/25	31.8 (25)	98	25/25	29.7 (22)	91	21/25	29.5 (24)	91	24/25			

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

Av. Wt.: g

TABLE D2

BODY WEIGHT CHANGES AND SURVIVAL ANIMAL

NUMBERS: FEMALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jel

UNIT : g
REPORT TYPE : A1 26
SEX : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

PAGE: 2

	(Control		67pp	m		200p	om		600p	pm
Week on Study		No. of Surviv. (25)	Av, Wt.	% of cont.	No. of Surviv.	Av. Wt.	% of cont.	No. of Surviv.	Av. Wt.	% of cont.	No. of Surviv.
							12.07			1207	
0	19.7 (25)	25/25	19.7 (25)	100	25/25	19.7 (25)	100	25/25	19.7 (25)	100	25/25
1	20.1 (25)	25/25	20. 2 (25)	100	25/25	19.8 (25)	99	25/25	19.7 (25)	98	25/25
2	20.7 (25)	25/25	20. 5 (25)	99	25/25	20, 5 (25)	99	25/25	20. 4 (25)	99	25/25
3	21.2 (25)	25/25	21. 1 (25)	100	25/25	20.8 (25)	98	25/25	20, 8 (25)	98	25/25
4	21.9 (25)	25/25	21.4 (25)	98	25/25	21.4 (25)	98	25/25	20. 9 (25)	95	25/25
5	22, 2 (25)	25/25	21.7 (25)	98	25/25	21.2 (25)	95	25/25	21, 1 (25)	95	25/25
6	22, 4 (25)		22.6 (25)	101	25/25	22. 2 (25)	99	25/25	21.7 (25)	97	25/25
7	22.8 (25)	25/25	22, 7 (25)	100	25/25	22.4 (25)	98	25/25	22.0 (25)	96	25/25
8	22.8 (25)		22.6 (25)	99	25/25	22.3 (25)	98	25/25	22. 1 (25)	97	25/25
. 9	22.9 (25)		23.0 (25)	100	25/25	22.3 (25)	97	25/25	22. 1 (25)	97	25/25
10	22.9 (25)	25/25	23.0 (25)	100	25/25	22. 3 (25)	97	25/25	21.8 (25)	95	25/25
11	23.1 (25)		23.0 (25)	100	25/25	22. 7 (25)	98	25/25	22.0 (25)	95	25/25
12	23.1 (25)		22.8 (25)	99	25/25	22.6 (25)	98	25/25	22. 1 (25)	96	25/25
13	23.3 (25)		23.3 (25)	100	25/25	22. 8 (25)	98	25/25	22. 1 (25)	95	25/25
14	23. 1 (25)	•	23. 4 (25)	101	25/25	23.0 (25)	100	25/25	22. 1 (25)	96	25/25
15	23.3 (25)		23.5 (25)	101	25/25	22, 7 (25)	97	25/25	21.8 (25)	94	25/25
16	23, 4 (25)		23. 5 (25)	100	25/25	23.0 (25)	98	25/25	22.8 (25)	97	25/25
17	23.6 (25)		23.8 (25)	101	25/25	23.6 (25)	100	25/25	22.8 (25)	97	25/25
18	24. 2 (25)		23. 9 (25)	99	25/25	24.1 (25)	100	25/25	23, 1 (25)	95	25/25
19	24. 3 (24)		24. 4 (25)	100	25/25	24. 2 (25)	100	25/25	23. 1 (24)	95	24/25
20	24. 1 (23)	23/25	24. 0 (25)	100	25/25	23. 5 (25)	98	25/25	23. 2 (23)	96	23/25
21	24. 3 (23)	23/25	24.0 (25)	99	25/25	23.7 (25)	98	25/25	22.7 (23)	93	23/25
22	24.6 (23)	-	24.9 (24)	101	24/25	23. 9 (25)	96 97	25/25 25/25	23.6 (22)		
23	24.8 (23)		24.7 (24)	100	24/25	24.3 (25)	97 98	25/25 25/25	23.6 (21)	96	21/25
24	24.5 (23)	-	24. 9 (24)	102	24/25 24/25	24. 0 (25)		•		95 00	21/25
25	24.9 (23)	-	25, 2 (24)	102	•		98	25/25	23.6 (20)	96	20/25
26	25.1 (23)		25. 2 (24) 25. 5 (24)		24/25	23.9 (25)	96	25/25	23. 2 (20)	93	20/25
20	20. 1 (23)	20/20	25.5 (24)	102	24/25	24.2 (25)	96	24/25	23.5 (19)	94	19/25

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

Av. Wt.:g

TABLE D3

BODY WEIGHT CHANGES: MALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

UNIT : g

REPORT TYPE : A1 26

SEX : MALE

SURVIVAL ANIMALS

PAGE: 1

p Name	Administration	week					
	0	1	2	3	4	5	6
Control	24.4± 1.2	25.7± 1.1	26.3± 1.3	27.1± 1.2	27.7± 1.3	28.2± 1.4	28.9± 1.4
67ррт	24.4 ± 1.2	24.7± 1.1*	25. 4± 1. 2*	26.0± 1.1*	26.5± 1.1*	26.8生 1.1**	27.4± 1.2**
200ррт	24.4± 1.3	24.7± 1.2*	25.4± 1.3	25,8± 1.5**	26.1生 1.5**	26.4± 1.2**	27.0± 1.2**
600ррт	24.5± 1.2	24.6± 1.3**	25. 2± 1, 4**	25.6± 1.7**	25.9± 1.6**	26.0± 1.8**	26.8± 2.1**
Significant difference	; *: P ≤ 0.05	** : P ≦ 0.01		Test of Dunnett		 -	······································

(SUMMARY)

BODY WEIGHT CHANGES

(HAN260)

BAIS 5

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

UNIT : g

REPORT TYPE : A1 26

SEX : MALE

BODY WEIGHT CHANGES

SURVIVAL ANIMALS

PAGE: 2

ıp Name	Administration	week					
	7	8	9	10	11	12	13
Control	29.2± 1.4	29.6± 1.6	29.6± 1.5	30.1± 1.5	30.0± 1.4	30.1± 1.4	30.6± 1.6
67ррт	28.0± 1.1**	28.4± 1.3*	28.5± 1.5	28.6± 1.4**	28.7± 1.2**	28.8± 1.4*	29.0± 1.3**
200ррт	27.4± 1.3**	27.7± 1.5**	27.8± 1.5**	27.9± 1.3**	27.9± 1.3**	27.7± 1.3**	28.1士 1.4**
600 ppm	27.3± 2.1**	27.3± 2.1**	27.1± 2.1**	26.9± 2.1**	27.1± 2.1**	27.1± 2.3**	27.5± 2.1**
Significant difference	a: *:P≦0.05	** : P ≦ 0.01	· · · · · · · · · · · · · · · · · · ·	Test of Dunnett			

(SUMMARY)

(HAN260)

BAIS 5

ANIMAL : Jic:CB6F1-Tg rasH2@Jol

UNIT : g

REPORT TYPE : A1 26

BODY WEIGHT CHANGES SURVIVAL ANIMALS

(SUMMARY)

SEX : MALE

p Name	Administration	week					
	14	15	16	17	18	19	20
Contro I	30.7± 1.7	30.4± 1.5	30.9± 1.5	30.9± 1.7	31.3± 1.7	31.5± 1.9	31.8± 1.8
67ppm	29.2± 1.3**	29.1生 1.5*	29.5生 1.7*	29.4± 1.8*	29.8± 1.6*	30.1± 2.1	30.5± 2.0
200ppm	28.1土 1.4**	27.8± 1.5**	28.0± 1.5**	28.3± 1.6**	28.7± 1.7**	28.7± 1.8**	28.8± 1.8**
600ррт	27.3± 2.3**	27.4± 2.2**	27.3± 2.2**	27.5生 2.4**	28.4生 2.5**	28.6± 2,4**	28.8± 2.4**
Significant difference	se; *:P≦0.05 ×	r*: P ≦ 0.01		Test of Dunnett			

(HAN260)

BAIS 5

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

UNIT : g

REPORT TYPE : A1 26

SEX : MALE

BODY WEIGHT CHANGES SURVIVAL ANIMALS

(SUMMARY)

Name	Administration	week					
-	21	22	23	24	25	26	
Contro l	31.7± 1.8	32.2± 1.8	32.4± 1.6	32.3± 1.6	32.6± 1.8	32.5± 1.8	•
67ррт	30.5± 2.1	30.8生 2.1*	30,9± 2,0*	31.0± 2.1	31.3± 2.0	31.8± 2.2	
200ppm	28.8± 1.8**	29. 2± 1. 7**	29.5± 1.7**	29.1± 2.0**	29.5生 2.0**	29.8± 2.0**	
600ppm	28.3生 2.3**	28.6生 2.1**	28.9± 2.3**	28.9± 2.5**	29.2± 2.4**	29.5± 2.4**	

Significant difference : $*: P \leq 0.05$

** : P ≤ 0.01

Test of Dunnett

(HAN260)

BAIS 5

TABLE D4

BODY WEIGHT CHANGES: FEMALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

UNIT : g

REPORT TYPE : A1 26

SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY) SURVIVAL ANIMALS

Name	Administration	week					····
	0	1	2	3	4	5	6
Contro I	19.8± 0.8	20.1± 0.9	20.7生 1.0	21.3± 1.0	21.9± 0.7	22.4± 1.0	22.5± 0.8
67ppm	19.6± 0.8	20.2± 0.9	20.5± 1.0	21.0± 0.9	21.4± 1.1	21.7生 1.0*	22.5± 0.9
200ррт	·19.7± 0.8	19.9± 0.8	20.6± 0.9	20.9± 0.9	21.5± 1.2	21.3± 1.0**_	22.2± 1.1
600ррт	19.7± 0.8	19.7± 0.9	20.4± 1.0	20.9± 1.0	20.8± 1.0**	20.8± 0.8**	21.7± 1.3*
							• .
Significant differen	ce; *:P≦ 0.05	** : P ≦ 0.01		Test of Dunnett			

(HAN260)

BAIS 5

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

UNIT : g

REPORT TYPE : A1 26

BODY WEIGHT CHANGES SURVIVAL ANIMALS

(SUMMARY)

SEX : FEMALE

SEX : FEMALE Group Name	6 dec 2 de						PAGE: 6
aroup Name	Administration 7	8 8	9	10	11	12	13
Control	22.9± 1.2	22.9± 1.1	23.1± 1.1	23.0± 1.1	23.2± 1.0	23.2± 1.0	23. 4生 1. 2
67ррт	22.6± 1.4	22.6± 1.3	22.9± 1.0	22.9± 1.0	23.0± 1.4	22.8± 1.1	23. 3± 1. 2
200ррт	22.5± 0.9	22.3± 0.9	22.4± 1.0	22.4± 0.8	22.8± 1.2	22.6± 1.4	22.9± 0.8
600ррт	21.7± 1.0**	22.1± 1.4	22.1± 1.0**	21.7± 0.9**	21.9± 0.9**	21.8± 1.0**	22.2± 0.9**

Significant difference : $*: P \leq 0.05$ **: P ≦ 0.01 Test of Dunnett

(HAN260)

BAIS 5

ANIMAL : Jic:CB6F1-Tg rasH2@Jc!

UNIT : g

REPORT TYPE : A1 26 SEX : FEMALE

BODY WEIGHT CHANGES SURVIVAL ANIMALS

PAGE: 7

up Name	Administration	week			-	·	
	14	15	16	17	18	19	20
Control	23.3± 0.9	23. 2± 0. 9	23.5± 1.1	23.6生 1.1	24.3± 1.4	24.4± 1.4	24.1± 1.2
67ррт	23.3± 1.5	23.5± 1.4	23.4± 1.4	23.8± 1.2	23.9± 1.3	24.4 ± 1.9	24.0
200ррт	23.1± 1.3	22.7± 0.9	23. 1± 1. 0	23.7± 0.9	24.2± 1.3	24.3± 1.3	23.6生 0.9
600ррт	22.1土 1.2**	21.7生 0.7**	22.7± 1.3	22.6± 1.1*	23.3± 1.6	23.1± 1.4*	23.0± 0,9**

Significant difference ; $*: P \leq 0.05$

** : P ≦ 0.01

Test of Dunnett

(HAN260)

BAIS 5

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

UNIT : g

REPORT TYPE : A1 26

SEX : FEMALE

BODY WEIGHT CHANGES SURVIVAL ANIMALS (SUMMARY)

Name	Administration	week					
· .	21	22	23	24	25	26	
Control	24.3± 1.0	24.6± 1.6	24.8± 1.8	24.5± 1.1	24.9± 1.8	25.1± 1.1	
67ррт	24.0± 1.6	24.9± 2.0	24.7± 1.2	24.9 ± 1.5	25.2± 1.7	25.5± 2.0	
200ррт	23.8± 1.1	24. 0± 1. 4	24.3± 1.3	24.0± 1.1	24.0± 0.9	24.4± 1.2*	
600ppm	22.8± 0.7**	23.6± 1.4	23.7± 1.5	23.5± 1.7	23.3± 1.4**	23.5生 1.5**	
ignificant differenc	e; *:P≦0.05	** : P ≦ 0.01		Test of Dunnett	· · · · · · · · · · · · · · · · · · ·		

(HAN260)

BAIS 5

TABLE E1

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO.

ANIMAL

: 0886

: Jic:CB6F1-Tg rasH2@Jc!

4.8 (25) 25/25

UNIT : g REPORT TYPE: A1 26 SEX : MALE

MEAN FOOD CONSUMPTION (FC) AND SURVIVAL

Control 67ppm 200ррт 600ppm Av. FC. No. of Av. FC. % of No. of Av. FC. % of No. of Av. FC. % of No. of Week Surviv. cont. Surviv. cont. Surviv. cont. Surviv. (25) ⟨25⟩ on Study <25> <25> 4.3 (25) 25/25 4.0 (25) 25/25 93 4.1 (25) 95 25/25 4.0 (25) 93 25/25 4.4 (25) 2 25/25 4.2 (25) 95 25/25 4.2 (25) 95 25/25 4.2 (25) 95 25/25 4.4 (25) 25/25 4.2 (25) 95 25/25 4.3 (25) 98 25/25 4.2 (25) 95 25/25 4.6 (25) 25/25 4.4 (25) 25/25 4.3 (25) 25/25 4.4 (25) 96 93 96 25/25 4.5 (25) 25/25 4.4 (25) 98 25/25 4.5 (25) 100 25/25 4.4 (25) 98 25/25 4.6 (25) 25/25 4.4 (25) 4.4 (25) 96 25/25 96 25/25 4.4 (25) 96 25/25 4.6 (25) 25/25 4.4 (25) 96 25/25 4.4 (25) 96 25/25 4.4 (25) 25/25 96 4.6 (25) 25/25 4.4 (25) 96 25/25 4.5 (25) 4.4 (25) 98 25/25 96 25/25 4.6 (25) 9 25/25 4.4 (25) 96 25/25 4.4 (25) 96 25/25 4.3 (25) 93 25/25 10 4.7 (25) 25/25 4.3 (25) 91 25/25 4.3 (25) 91 25/25 4.3 (25) 91 25/25 4.5 (25) 25/25 4.3 (25) 11 25/25 4.2 (25) 96 93 25/25 4.3 (25) 96 25/25 12 4.5 (25) 25/25 4.3 (25) 4.1 (25) 96 25/25 91 25/25 4.3 (25) 96 25/25 4.5 (25) 25/25 13 4.2 (25) 93 25/25 4.1 (25) 25/25 4.3 (25) 91 96 25/25 4.5 (25) 14 25/25 4.2 (25) 93 25/25 4.1 (25) 91 25/25 4.3 (25) 96 25/25 4.5 (25) 15 25/25 4.5 (25) 100 25/25 4.4 (24) 98 24/25 4.7 (25) 104 25/25 16 4.9 (25) 25/25 4.6 (25) 94 25/25 4.5 (24) 24/25 92 4.7 (25) 96 25/25 17 4,8 (25) 25/25 4.4 (25) 92 25/25 4.4 (23) 92 23/25 4.7 (25) 98 25/25 18 4.9 (25) 25/25 4,6 (25) 94 25/25 4.6 (23) 94 23/25 4.8 (25) 25/25 98 19 4.9 (25) 25/25 4.6 (25) 94 25/25 4.5 (23) 92 23/25 4.8 (25) 25/25 98 20 5.0 (25) 25/25 4.8 (25) 96 25/25 4.5 (23) 23/25 4.7 (25) 90 25/25 21 5.0 (25) 25/25 4.7 (25) 94 25/25 4.6 (23) 92 23/25 4.8 (24) 96 24/25 22 4.8 (25) 25/25 4.5 (25) 94 25/25 4.4 (23) 92 23/25 4.6 (24) 96 24/25 23 4.7 (25) 25/25 4.5 (25) 4.4 (23) 96 25/25 94 23/25 4.7 (24) 100 24/25 24 4.7 (25) 25/25 4.4 (25) 94 25/25 4.4 (22) 94 22/25 4.6 (24) 98 24/25 25 4, 8 (25) 25/25 4.5 (25) 94 25/25 4.4 (22) 92 22/25

4.6 (24)

4.7 (24)

96

24/25

24/25

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

96

25/25

4.6 (21)

4.6 (25)

Av. FC. : g

21/25

96

(B10040)

26

TABLE E2

FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE

MEAN FOOD CONSUMPTION (FC) AND SURVIVAL

: Jic:CB6F1~Tg rasH2@Jc! ANIMAL

UNIT : g

REPORT TYPE : A1 26 SEX : FEMALE

		Control		67рр	m		200p	рт		600p	pm
Week on Study	Av. FC.	No. of Surviv. <25>	Av. FC.	% of cont. <25>	No.of Surviv.	Av. FC.	% of cont. <25>	No. of Surviv.	Av. FC.	% of cont. <25>	No. of Surviv,
1	3.6 (25) 25/25	3, 5 (25)	97	25/25	3.5 (25)	97	25/25	3. 3 (25)	92	25/25
2	3.7 (25	25/25	3.5 (25)	95	25/25	3, 7 (25)	100	25/25	3.7 (25)	100	25/25
3	3.9 (25	25/25	3.7 (25)	95	25/25	3.9 (25)	100	25/25	3.8 (25)	97	25/25
4	4.0 (25		3.8 (25)	95	25/25	4.0 (25)	100	25/25	3.8 (25)	95	25/25
5	4.1 (25) 25/25	4.0 (25)	98	25/25	4. 1 (25)	100	25/25	4.0 (25)	98	25/25
6	4.2 (25	25/25	4.0 (25)	95	25/25	4.1 (25)	98	25/25	3.9 (25)	93	25/25
7	4. 2 (25		4.0 (25)	95	25/25	4, 2 (25)	100	25/25	4. 1 (25)	98	25/25
8	4.2 (25) 25/25	4.1 (25)	98	25/25	4. 2 (25)	100	25/25	4. 1 (25)	98	25/25
9	4.2 (25) 25/25	4.1 (25)	98	25/25	4.1 (25)	98	25/25	4.1 (25)	98	25/25
10	4.1 (25) 25/25	4.0 (25)	98	25/25	4. 1 (25)	100	25/25	3.9 (25)	95	25/25
11	4.1 (25) 25/25	4.0 (25)	98	25/25	4.1 (25)	100	25/25	3.9 (25)	95	25/25
12	4.1 (25) 25/25	3.9 (25)	95	25/25	4.0 (25)	98	25/25	3, 9 (25)	95	25/25
13	4.0 (25) 25/25	4.0 (25)	100	25/25	4.1 (25)	103	25/25	3.9 (25)	98	25/25
14	4.1 (25	25/25	4.0 (25)	98	25/25	4. 2 (25)	102	25/25	4. 1 (25)	100	25/25
['] 15	4.3 (25	25/25	4.4 (25)	102	25/25	4.6 (25)	107	25/25	4.5 (25)	105	25/25
16	4.6 (25	25/25	4.5 (25)	98	25/25	4.7 (25)	102	25/25	4.7 (25)	102	25/25
17	4.6 (25	25/25	4.5 (25)	98	25/25	4. 7 (25)	102	25/25	4.5 (25)	98	25/25
18	4.7 (25	25/25	4. 5 (25)	96	25/25	4.7 (25)	100	25/25	4.6 (25)	98	25/25
19	4.6 (24	24/25	4.7 (25)	102	25/25	4.7 (25)	102	25/25	4.6 (24)	100	24/25
20	4.7 (23	23/25	4.4 (25)	94	25/25	4.4 (25)	94	25/25	4.5 (23)	96	23/25
21	4, 8 (23	23/25	4.6 (25)	96	25/25	4.7 (25)	98	25/25	4, 6 (23)	96	23/25
22	4.5 (23	23/25	4.5 (24)	100	24/25	4.4 (25)	98	25/25	4.4 (21)	98	21/25
23	4, 6 (23	23/25	4.4 (24)	96	24/25	4.4 (25)	96	25/25	4.6 (21)	100	21/25
24	4.4 (23	23/25	4.4 (24)	100	24/25	4.3 (25)	98	25/25	4.3 (20)	98	20/25
25	4.5 (23	23/25	4.5 (24)	100	24/25	4.3 (25)	96	25/25	4.3 (20)	96	20/25
26	4.4 (23	23/25	4.4 (24)	100	24/25	4.4 (24)	100	24/25	4.3 (19)	98	19/25

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

Av. FC.: g

(B10040)

TABLE E3

FOOD CONSUMPTION CHANGES: MALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

UNIT : g

REPORT TYPE : A1 26

p Name	Administration	week			•	•	
	1	2	3	4	5	6	7
Contro I	4.3± 0.2	4.4± 0.2	4.4± 0.3	4.6± 0.3	4.5± 0.3	4.6± 0.3	4.6± 0.4
67ррт	4.0主 0.2**	4.2± 0.3	4.2± 0.4	4.4± 0.4	4.4± 0.4	4.4± 0.4	4.4± 0.4
200ppm.	4.1± 0.3	4.2± 0.3	4.3± 0.4	4.4± 0.4	4.5± 0.3	4.4± 0.3	4.4± 0.3
600ppm	4.0± 0.3**	4.2± 0.3	4.2± 0.3	4.4± 0.3	4.4± 0.3	4.4± 0.5	4.4± 0.3

FOOD CONSUMPTION CHANGES (SUMMARY)

SURVIVAL ANIMALS

Significant difference : $*: P \leq 0.05$

** : P ≦ 0.01

Test of Dunnett

(HAN260)

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

: g

REPORT TYPE : A1 26

SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)

SURVIVAL ANIMALS

					•	
Administratio						
8	. 9	10	11	12	13	14
	•		Administration week	Administration week	Administration week	Administration week

Group Name	Administration 8	week9	10	11	12	13	14 .	
Control	4.6± 0.5	4.6± 0.5	4.7± 0.5	4.5± 0.3	4.5± 0.4	4.5± 0.5	4.5± 0.5	
67ррт	4.4± 0.4	4.4± 0.4	4.3± 0.4**	4.3± 0.3	4.3± 0.3*	4. 2± 0. 3*	4. 2± 0. 3**	
200ррт	4.5± 0.3	4.5± 0.3	4.4生 0.3*	4.3± 0.3	4.2士 0.3**	4.2± 0.3	4.2± 0.3**	
600ppm	4.4± 0.4	4.3± 0.3	4.3± 0.4**	4.3± 0.3	4.3± 0.4*	4.3± 0.3	4.3± 0.4	

Significant difference : $*: P \leq 0.05$ ** : P ≦ 0.01 Test of Dunnett

(HAN260)

BAIS 5

PAGE: 2

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

UNIT : g

REPORT TYPE : A1 26

SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)

SURVIVAL ANIMALS

SEX : MALE				•			PAGE: 3
Group Name	Administration	week					
	15	16	17	18	19	20	21
Control	4.5± 0.4	4.9± 0.5	4.8± 0.6	4.9± 0.5	4.9± 0.6	5.0± 0.5	5.0± 0.6
67ppm	4.5± 0.3	4.6± 0.4*	4. 4± 0. 4*	4.6生 0.3**	4.6± 0.5	4.8± 0.4	4.7± 0.4*
200ррт	4.5土 0.4	4.5± 0.4**	4.4± 0.4*	4.6± 0.4*	4.5± 0.4	4.5± 0.3**	4.7± 0.4
600ppm	4.7± 0.4	4.7± 0.5	4.7± 0.5	4.8± 0.5	4.8± 0.5	4.7± 0.4*	4.8± 0.4
	-						

Significant difference : $*: P \leq 0.05$

** : P ≦ 0.01

Test of Dunnett

(HAN260)

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

UNIT : g

REPORT TYPE : A1 26

SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)

SURVIVAL ANIMALS

					•	
Group Name	Administratio					
	22	23	24	25	26	 -

Control 4.8± 0.5 4.7± 0.4 4.8± 0.5 4.8± 0.4 67ppm 4.5± 0.3* 4.5± 0.3 4.4± 0.4* 4.5± 0.4 4.6± 0.3 200ppm 4.4± 0.4** 4.4± 0.3 4.4± 0.3** 4.4± 0.3 4.6± 0.3 600ppm 4.6± 0.4 4.7± 0.5 4.6± 0.4 4.6± 0.5 4.7± 0.4	Group Name	22	23	24	25	26	
200ppm 4.4± 0.4** 4.4± 0.3 4.4± 0.3** 4.4± 0.3 4.6± 0.3	Control	4.8± 0.5	4.7± 0.4	4. 7± 0.4	4.8± 0.5	4.8± 0.4	
	. 67ppm	4.5± 0.3*	4.5± 0.3	4.4± 0.4*	4.5± 0.4	4.6± 0.3	
600ppm 4.6± 0.4 4.7± 0.5 4.6± 0.4 4.6± 0.5 4.7± 0.4	200ррт	4. 4土 0. 4**	4.4± 0.3	4.4生 0.3**	4.4± 0.3	4.6± 0.3	
	600ppm	4.6± 0.4	4.7± 0.5	4.6生 0.4	4.6± 0.5	4.7± 0.4	

BAIS 5

PAGE: 4

TABLE E4

FOOD CONSUMPTION CHANGES: FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY) ANIMAL : Jic:CB6F1-Tg rasH2@Jc! SURVIVAL ANIMALS

UNIT : g

REPORT TYPE : A1 26

SEX : FEMALE

PAGE: 5

3.7± 0.3 3.5± 0.3*	3.9± 0.3 3.7± 0.3*	4.0± 0.3 3.8± 0.3*	5 4.1± 0.3 4.0± 0.3	6 4.2± 0.3 4.0± 0.3*	7 4.2± 0.3 4.1± 0.4
3.5± 0.3*	3.9± 0.3				
	3.7± 0.3*	3.8± 0.3*	4.0± 0.3	4.0± 0.3*	4.1± 0.4
3.7± 0.3	3.9± 0.3	4.0± 0.3	4.1± 0.3	4.2± 0.3	4.3± 0.3
3.7± 0.3	3.8± 0.2	3.8± 0.3*	4.0± 0.4	3.9生 0.3**	4.0± 0.3*
			•		5.50 5.50 5.50 5.50 5.50 5.50 5.50 5.50

(HAN260)

ANIMAL : Jie:CB6F1-Tg rasH2@Jc1

UNIT : g

REPORT TYPE : A1 26

SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)

SURVIVAL ANIMALS

Broup Name	Administration	week					
	8	9	10	11	12	13	14
Control	4.2	4.2± 0.3	4.2± 0.3	4.1生 0.3	4.1± 0.2	4.0± 0.3	4.1± 0.3
67ppm	4.1± 0.4	4.1± 0.4	4.0± 0.3	4.0± 0.3	3.9± 0.3*	4.0生 0.4	4.0± 0.3
200ррт	4.2± 0.3	4.2± 0.4	4.1± 0.3	4.1± 0.3	4.0± 0.3	4.1± 0.3	4.2± 0.4
600ppm	4.1± 0.4	4.0± 0.3	3.9生 0.3**	3.9± 0.3*	3.8± 0.3*	3.9± 0.3	4.1± 0.3

Significant difference : * : P ≦ 0.05 ** : P ≦ 0.01 Test of Dunnett

3.9± 0.3

BAIS 5

PAGE: 6

(HAN260)

ANIMAL : Jic:CB6F1-Tg rasH2@Jci

: g

REPORT TYPE : A1 26

SEX : FEMALE

FOOD' CONSUMPTION CHANGES (SUMMARY)

SURVIVAL ANIMALS

p Name	Administration	week					
	15	16	17	18	19	20	21
Control	4.3± 0.3	4.6± 0.2	4.6± 0.3	4.8± 0.4	4.7± 0.3	4.7± 0.4	4.8± 0.4
67.ррт	4.4± 0.5	4.5± 0.5	4.5± 0.4	4.5± 0.4	4.7± 0.7	4.4生 0.3*	4.6± 0.4
200ррт	4.6± 0.6	4.8± 0.4	4.7± 0.4	4.7± 0.4	4.7± 0.5	4.5± 0.4	4.7± 0.4
600ppm	4.4± 0.4	4.6± 0.5	4.5± 0.4	4.6± 0.5	4.6± 0.4	4.5± 0.4	4.7± 0.4

Significant difference : $*: P \leq 0.05$

** : P ≤ 0.01

Test of Dunnett

(HAN260)

BAIS 5

PAGE: 7

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

UNIT : g

REPORT TYPE : A1 26

SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)

SURVIVAL ANIMALS

			week	Administration	roup Name
26	25	24	23	22	
4.4生 0.4	4.5± 0.4	4.4± 0.3	4.6± 0.4	4.5± 0.3	Control
4.4± 0.4	4.5± 0.4	4.4± 0.5	4.4± 0.5	4.5± 0,4	67ppm
4.4± 0.3	4.3± 0.4	4.3± 0.4	4.4± 0.4	4.4± 0.4	200ppm
4.3± 0.5	4.3± 0.4	4.3± 0.5	4.4± 0.5	4.4± 0.4	600ppm

Test of Dunnett

(HAN260)

Significant difference : $*: P \leq 0.05$

** : P ≦ 0.01

TABLE F1

URINALYSIS : MALE

URINALYSIS

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

MEASURE, TIME: 1

SEX : MALE

REPORT TYPE : A1

Group Name NO. of pH_ Protein_ Glucose_ Ketone body Occult blood Animals 5.0 6.0 6.5 7.0 7.5 8.0 8.5 CHI - ± + 2+ 3+ 4+ CHI - ± + 2+ 3+ 4+ CHI - ± + 2+ 3+ 4+ CHI - ± + 2+ 3+ CHI Control 18 2 2 0 4 13 1 0 0 18 0 0 0 0 0 0 7 9 2 0 0 18 0 0 0 0 67ppm 11 0 6 5 0 0 0 11 0 0 0 0 200ppm 10 0 3 5 2 0 0 1 5 3 1 0 0 10 0 0 0 0

140100 *

Significant difference : * : P \leq 0.05 ** : P \leq 0.01 Test of CHI SQUARE

(HCL101)

600ppm

BAIS 5

6 0 0 0 0

1 3 1 1 0 0

PAGE: 1

URINALYSIS

ANIMAL . : Jic:CB6F1-Tg rasH2@Jc1

MEASURE. TIME: 1

SEX : MALE REPO

REPORT TYPE : A1

NO. of Animals	Urobilinogen ± + 2+ 3+ 4+ CHI		
		· · · · · · · · · · · · · · · · · · ·	
18	18 0 0 0 0		
11	11 0 0 0 0		
10	10 0 0 0 0		
6	6 0 0 0 0		
			·
difference	: *: P ≤ 0.05 **: P ≤ 0.01	Test of CH! SQUARE	
	18 11 10 6	Animals ± + 2+ 3+ 4+ CHI 18	Animals ± + 2+ 3+ 4+ CHI 18

(HCL101)

TABLE F2

URINALYSIS: FEMALE

URINALYSIS

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

MEASURE. TIME : 1

SEX : FEMALE

REPORT TYPE : A1

PAGE: 3

p Name	NO. of	pH							Protei	л				Glu	cos	e				Keto	пе	body	,		000	ul	t b	1000	1	
	Animals	5.0	6, 0	6. 5	7. 0	7. 5	8. 0	8.5 CH	 - ±	+ 2	2+ 3	+ 4+	CHI	_	土	+ 2	+ 3+	+ 4+	CHI	- :	± -	- 24	+ 3+	4+ CHI	_	±	+	2+	3+	CHI
Control	23	0	1	6	7	6	3	0	2 12	9	0	0 0		23	0	0	0 0	0 0		1 1	1	9 2	2 0	0	23	0	0	0	0	
67ppm	22	0	0	3	4	9	4	2	2 10	10	0	0 0		22	0	0	0 0	0 0		1 1	2	8 1	0	0	22	0	0	0	0	
200ррт	24	0	0	3	4	5	9	3	2 10	12	0	0 0		24	0	0	0 0	0		2 1	2	8 2	2 0	0	24	0	0	0	0	
600ppm	13	0	0	2	2	2	7	0	2 5	5	1	0 0		13	0	0	0 0	0		0	8	4 1	0	0	13	0	0	0	0	

(HCL101)

URINALYSIS

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

MEASURE. TIME: 1

SEX : FEMALE

REPORT TYPE : A1

Urobilinogen -Group Name NO. of Animals ± + 2+ 3+ 4+ CHI Control 23 23 0 0 0 0 67ppm 22 22 0 0 0 0 200ppm 24 24 0 0 0 0 600ppm 13 13 0 0 0 0 Significant difference ; $*: P \leq 0.05$ ** : P ≤ 0.01 Test of CHI SQUARE

(HCL101)

BAIS 5

PAGE: 4

TABLE G1

HEMATOLOGY: MALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY) SURVIVAL ANIMALS (27W)

oup Name	NO. of Animals	RED BL	OOD CELL µl	HEMOGLO g /dl	DBIN	НЕМАТОО %	CRIT	MCV f &		MCH pg		MCHC g/dl		PLATELE 1 Ο³/μ	
Control	25	10.78±	0. 33	17.1±	0, 4	51.4土	1.6	47.7±	0. 8	15.8±	0.3	33. 2±	0.6	1269±	91
- 67ppm	25	10.57±	0. 92	16.7±	1. 3	50.7±	3. 6	48.0±	1. 5	15.8±	0.3	33.0±	0. 6	1268生	97
200ррт	21	10.74±	0. 34	17.1生	0. 4	51.8±	1.4	48.3±	0. 9*	16.0±	0.3	33.1±	0.6	1224生	47*
600ppm	24	9.98±	0. 39**	16,6±	0.5**	49.8±	1. 7**	49.9±	1. 4**	16.6±	0, 4**	33.3±	0. 5	1069±	97**

(HCL070)

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

MEASURE, TIME: 1

SEX : MALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY) SURVIVAL ANIMALS (27W)

oup Name	NO. of Animals	RETICULO %	OCYTE			•	
Control	25	2.3±	0. 2				
67ррт	25	3,0±	2. 6				
200ррт	21	2.2±	0. 2				
600ppm	24	2. 2生	0.5				•

(HCL070)

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

MEASURE, TIME: 1

SEX : MALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY) SURVIVAL ANIMALS (27W)

PAGE: 3 Group Name NO. of WBC (%) Differential WBC 1 0³/µl Animals NEUTRO LYMPHO MONO EOSINO BASO OTHER Control 25 1.38土 0.49 25士 8 69± 8 4± 2土 0± 0 ο± 67ppm 25 1.33± 0.39 22± 7 70± 9 $5\pm$ 5 3± 2 0± 0 0± 0 200ррт 21 1.24± 0.48 20生 8 74± $3\pm$ 3 $3\pm$ 0± 0 $0\pm$ 1 600ppm 24 2.13± 4.82 $23\pm$ 11 68± 17 7土 10 3± 2 0± 0± 0

Significant difference ; $*: P \le 0.05$

** : P ≦ 0.01

Test of Dunnett

(HCL070)

TABLE G2

HEMATOLOGY: FEMALE

HEMATOLOGY (SUMMARY) SURVIVAL ANIMALS (27W) ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

MEASURE. TIME: 1

SEX : FEMALE

REPORT TYPE : A1

PAGE: 4

roup Name	NO. of Animals	RED BLO	OOD CELL pul	HEMOGLO g / dl	BIN	HEMATOO %	RIT	MCV f &	-	MCH pg		MCHC g/dl		PLATELE 1 0³/µ	
Control	23	10.58±	0. 53	17. 0土	0.8	51.1±	2. 1	48.3±	0. 9	1 6.1 ±	0. 3	33.3±	0. 6	1178士	140
67ррт	24	10.54±	0. 37	16.9生	0.7	50.8±	1.5	48.2±	0. 7	1 6.1 ±	0.4	33.3±	0.9	1179±	66
200ppm	24	10.44±	0. 28	17.0±	0.4	50.8±	1.4	48.7±	0. 7	16.2±	0.2	33.4±	0.4	1104±	111**
600ppm	18	10.18±	0. 34**	17.0±	0.6	50.9±	1.6	50.1生	0. 8**	16.7±	0. 2**	33.4±	0. 5	957±	56**

(HCL070)

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

MEASURE. TIME: 1

SEX : FEMALE

REPORT TYPE : A1

HEMATOLOGY (SUMMARY) SURVIVAL ANIMALS (27W)

Group Name	NO. of Animals	RETICUL %	OCYTE				PAGE: 5
Contro I	23	2. 9±	1.4				
67ppm	24	2.5±					
200ppm	24	2.6±	0.5				
600ppm	18	2.5±	0.5				
Significant (lifference ;	* : P ≦ 0	0.05 **: P ≤ 0.01	Te	st of Dunnett	 	
(40, 070)						 -	

(HCL070)

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

MEASURE. TIME: 1

HEMATOLOGY (SUMMARY) Survival Animals (27W)

oup Name	NO. of Animals	WBC 1 03/		D i · Neutro	fferentia	WBC (%	5)	MONO		EOSINO		BASO		OTHER		
Control	23	1.80生	1. 04	25±	18	71±	18	2±	1	3±	2	0±	0	0± 、	0	
67ррт	24	1.69±	0. 63	22±	10	70±	12	5±	7	3±	2	0±	0	ο±	0	
200ppm	24	1.51士	0. 75	25±	9	7 1±	9	2±	1	2±	1	0±	0	0±	0	•
600ppm	18	1.32生	0. 55	32±	14*	59±	13**	6±	8*	2±	1	0±	0	0±	0	

(HCL070)

TABLE H1

BIOCHEMISTRY: MALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

MEASURE. TIME: 1

BIOCHEMISTRY (SUMMARY) SURVIVAL ANIMALS (27W)

roup Name	NO. of Animals	TOTAL PI g /dl	ROTEIN	ALBUMIN g/dl		A/G RAT	10	T-B1L11 mg/dl		GLUCOSE mg∕d£		T−CHOLES mg∕d£	STEROL	TRIGLYCI mg/dl	ERIDE
Control	25	5. 2±	0, 2	2.9±	0. 1	1.3±	0. 1	0.06±	0. 01	208生	23	77±	12	45±	16
67ррт	25	5.2±	0, 2	2.9±	0. 1	1.3±	0. 1	0.05±	0. 01	206±	27	79±	8	49生	15
200ppm	21	5.1±	0. 1	2,9±	0. 1	1.3±	0. 1	0.06±	0. 01	206±	26	73±	9	40±	14
600ppm	24	5, 2±	0. 2	2.9±	0. 1	1.3±	0. 1	0.06±	0. 01	209±	31	71生	7	37±	11

(HCL074)

ANIMAL : Jic:CB6F1-Tg rasH2@Jci MEASURE. TIME : 1

BIOCHEMISTRY (SUMMARY) SURVIVAL ANIMALS (27W)

SEX : MALE	REPORT 7	YPE : A1													PAGE: 2
Broup Name	NO. of Animals	PHOSPHO mg/dl	LIPID	AST U/L	,	ALT U/L		LDH U/L		ALP U/L		G-GTP U∕L		CK U/L	
Control	25	161±	22	54±	11	20±	6	233±	57	203±	20	0. 2生	0.4	71±	34
67ррт	25	164±	15	60±	16	23±	8	226±	50	217±	23	0. 2±	0.3	60±	13
200ppm	21	152±	21	55±	16	19±	5	· 229生	44	216土	13	0.3±	0. 4	78±	44
600ррт	24	148±	15	65±	28	24±	12	258±	52	219±	28*	0.3±	0.3	66±	24

(HCL074)

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

MEASURE. TIME: 1

BIOCHEMISTRY (SUMMARY) SURVIVAL ANIMALS (27W)

roup Name	NO. of Animals	UREA NI mg∕d£	TROGEN	SODIUM mEq∕£		POTASS I		CHLORIDE m Eq / L		tag∕d£		INORGANIC PHOSPHORUS mg/dl	
Contro I	25	26.3±	7. 2	152士	3	3.7±	0.3	115±	4	85±	0.3	5.4± 0.7	
67ppm	25	23.0±	3. 6	151士	2	3.6±	0. 2	115±	3	8.5生	0. 2	5.5± 0.6	
200ррм	21	23.4±	5. 3	151±	1	3.6±	0. 2	117土	2	8.6±	0. 2	5.3± · 0.7	
600ppm	24	22.9±	5. 8	151±	2	3.8±	0. 3	117±	5	8.6±	0.3	5.7± 0.7	

(HCL074)

TABLE H2

BIOCHEMISTRY: FEMALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

MEASURE. TIME: 1

BIOCHEMISTRY (SUMMARY) SURVIVAL ANIMALS (27W)

oup Name	NO. of Animals	TOTAL Pi	ROTEIN	ALBUMIN g∕d£	!	A/G RAT	10	T−BILí mg∕dl		GLUCOSE mg/dl		T−CHOLE mg∕dl	STEROL.	TRIGLYC mg∕dl	ERIDE
Control	23	5.2±	0. 1	3.0±	0.1	1.4±	0. 1	0.05±	0.01	175±	36	62±	11	35±	13
67ррт	24	5.3±	0. 2	3.1±	0. 1	1.4±	0. 1	0.05±	0. 01	191士	24	64土	8	36±	10
200ррт	23	5.3±	0.2	3.1±	0. 1	1.4±	0. 1	0.05±	0.01	202±	26*	64±	7	32土	11
600ppm	19	5.3±	0.2*	3.1±	0. 2	1. 4生	0. 1	0.06±	0. 02**	197±	44*	69±	13	37±	16

(HCL074)

ANIMAL : Jic:CB6F1-Tg rasH2@Jc!

MEASURE. TIME: 1

BIOCHEMISTRY (SUMMARY) SURVIVAL ANIMALS (27W)

SEX : FEMALE	REPORT 1	YPE : A1													PAGE:
Broup Name	NO. of Animals	PHOSPHO mg/dl	LIPID	AST U/L		ALT U/L		LDH U/L		ALP U/L		G-GTP U/L		CK U/L	
Control	23	127±	20	76±	18	22土	5	209 ±	42	324±	39	0.3±	0.3	86±	48
67ppm	24	1 32 ±	17	76生	25	22±	4	215±	37	322±	46	0.3±	0.3	81±	34
- 200ррт	23	130±	13	78±	25	21±	5	213±	40	311±	35	0.3±	0.4	86士	44
600ppm	19	135±	21	97土	52	28±	18	407±	605	309±	36	0.3±	0. 4	157±	317

(HCL074)

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

MEASURE. TIME: 1

BIOCHEMISTRY (SUMMARY) SURVIVAL ANIMALS (27W)

roup Name	NO. of Animals	urea Ni mg/dl	TROGEN	sodium mEq/2		POTASS I m Eq /		CHLORIDE m Eq / L		CALCIUM mg∕d£		INORGAN mg/dl	IIC PHOSPHORUS	
Control	23	18.1±	3. 1	152±	2	3.3±	0. 2	117±	2	8.9±	0.2	5.7±	0. 9	
67ppm	24	16.3±	3. 3	152±	2	3.3±	0. 2	117生	2	8.9±	0.2	5.4±	0.8	
200ррт	23	18.7±	2. 9	151±	2	3.3±	0. 2	116±	· 2	8.9±	0. 2	5.6±	0, 9	
600ppm	19	19.2±	6. 6	1 52 ±	2	3.4±	0. 4	118±	4	8.9±	0, 3	5.4±	0. 9	

(HCL074)

TABLE I1

GROSS FINDINGS : MALE

SEX

: Jic:CB6F1-Tg rasH2@Jcl ANIMAL

GROSS FINDINGS (SUMMARY) ALL ANIMALS (0- 27W)

: MALE

REPORT TYPE : A1

rgan	Findings	Group Name NO. of Animals 25	Control (%)	67ppm 25 (%)	200ppm 25 (%)	25	600ppm (%)
ubeutis	edema	0	(0)	0 (0)	0 (0)	, 1	(4)
	mass	0	(0)	0 (0)	1 (4)	1	(4)
ung	red zone	0	(0)	0 (0)	1 (4)	0	(0)
	nodule	1	(4)	2 (8)	1 (4)	0	(0)
ymph node	enlarged	0	(0) .	0 (0)	1 (4)	0	(0)
hymus	enlarged	0	(0)	1 (4)	1 (4)	1	(4)
	atrophic	0	(0)	0 (0)	1 (4)	0	(0)
oleen	enlarged	0	(0)	0 (0)	2 (8)	0	(0)
	black zone	3	(12)	1 (4)	6 (24)	1	(4)
	nodule	1	(4)	1 (4)	1 (4)	1	(4)
omach	forestomach:nodule	0	(0)	0 (0)	0 (0)	1	(4)
ver	enlarged	0	(0)	0 (0)	1 (4)	0	(0)
	white zone	0	(0)	0 (0)	1 (4)	0	(0)
	red zone	1	(4)	1 (4)	0 (0)	0	(0)
	nodule		(0)	1 (4)	0 (0)	1	(4)
idney	white zone	. 0	(0)	0 (0)	1 (4)	0	(0)
estis	sma i I	0	(0)	0 (0)	1 (4)	24	(96)
rep/cligi	enlarged	0	(0)	0 (0)	1 (4)	0	(0)
ritoneum	nodul e	0	(0)	0 (0)	0 (0)	1	(4)
odominal c	hemorrhage	0	(0)	0 (0)	1 (4)	0	(0)
her	tail:nodule	0	(0)	o (o)	0 (0)	1	(4)
	lower jaw:nodule	0	(0)	0 (0)	1 (4)	0	(0)

PAGE: 1

ANIMAL : Jic:CB6F1-Tg`rasH2@Jcl

REPORT TYPE : A1 SEX : MALE GROSS FINDINGS (SUMMARY) ALL ANIMALS (0- 27W)

PAGE: 2

Organ	Findings	Group Name NO. of Animals	Control 25 (%)	67ppm 25 (%)	200ppm 25 (%)	60Оррт 25 (%)
other	nose:nodule		0 (0)	0 (0)	0 (0)	1 (4)
(HPT080)				·		BAIS

TABLE I2

GROSS FINDINGS : FEMALE

STUDY NO. : 0886 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

GROSS FINDINGS (SUMMARY) ALL ANIMALS (0- 27W)

REPORT TYPE : A1
SEX : FEMALE

						17142
Organ	Findings	Group Name NO. of Animals	Control 25 (%)	67ррт 25 (%)	200ppm 25 (%)	600ppm 25 (%)
subcutis	mass		0 (0)	1 (4)	0 (0)	0 (0)
ung	red		0 (0)	0 (0)	0 (0)	1 (4)
	white zone		1 (4)	0 (0)	0 (0)	1 (4)
	nodule		2 (8)	1 (4)	5 (20)	4 (16) ·
ymph node	enlarged		1 (4)	0 (0)	0 (0)	1 (4)
hymus	enlarged		0 (0)	0 (0)	0 (0)	2 (8)
	atrophic		0 (0)	0 (0)	0 (0)	1 (4)
leen	enlarged	Ą	1 (4)	0 (0)	1 (4)	2 (8).
	black zone		2 (8)	2 (8)	1 (4)	4 (16)
	nodule		1 (4)	2 (8)	0 (0)	0 (0)
omach	forestomach:nodule		0 (0)	1 (4)	1 (4)	1 (4)
	forestomach:thick		0 (0)	0 (0)	0 (0)	1 (4)
	glandular stomach:nodule	. '	0 (0)	0 (0)	0 (0)	1 (4)
mall intes	nódu i e		1 (4)	0 (0)	0 (0)	0 (0)
iver	enlarged		0 (0)	0 (0)	0 (0)	1 (4)
	red zone		0 (0)	1 (4)	0 (0)	0 (0)
	nodule		0 (0)	0 (0)	1 (,4)	0 (0)
dney	enlarged		0 (0)	0 (0)	0 (0)	1 (4)
ngina	nodule		0 (0)	0 (0)	1 (4)	0 (0)
ediastinum	mass		1 (4)	0 (0)	0 (0)	1 (4)
bdominal c	hemorrhage		0 (0)	1 (4)	0 (0)	0 (0)
horacio ca	hemorrhage		2 (8)	0 (0)	0 (0)	0 (0)

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

REPORT TYPE : A1

SEX : FEMALE GROSS FINDINGS (SUMMARY)

ALL ANIMALS (0- 27W)

Organ	Findings	Group Name NO. of Animals 25	Control (%)	67ppm 25 (%)	200ррт 25 (%)	600ррт 25 (%)
thoracic ca	pleural fluid	0	(0)	0 (0)	0 (0)	4 (16)
other	ear:nodule	0	(0)	0 (0)	0 (0)	1 (4)
	nose:nodule	0	(0)	0 (0)	1 (4)	0 (0)
whole body	anemic	0	(0)	0 (0)	1 (4)	0 (0)

(HPT080)

BAIS 5

TABLE J1

ORGAN WEIGHT, ABSOLUTE: MALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

REPORT TYPE : A1

SEX : MALE UNIT: g ORGAN WEIGHT: ABSOLUTE (SUMMARY) SURVIVAL ANIMALS (27W)

Name	NO. of Animals	Body Weight	THYMUS	ADRENALS	TESTES	HEART	LUNGS	
Control	25	28.5± 2.0	0.047± 0.013	0.014± 0.003	0.269± 0.019	0. 188± 0. 019	0. 166± 0, 011	
67ррт	25	28.0± 2.2	0.061± 0.073	0.014± 0.003	0.254± 0.020**	0.181± 0.014	0.163± 0.013	
200ррт	21	26, 8± 1, 9*	0.044± 0.010	0.014± 0.003	0.206± 0.040**	0.175± 0.010	0.165± 0.012	
mqq003	24	26.1± 2.5**	0.044± 0.056**	0.014± 0.004	0.066± 0.006**	0.179± 0.021	0.163± 0.011	
Significant o	lifference ;	*: P ≤ 0.05 **	P ≤ 0.01	Test	of Dunnett			
140)			_			*		

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

REPORT TYPE : A1

SEX : MALE UNIT: g

ORGAN WEIGHT: ABSOLUTE (SUMMARY) SURVIVAL ANIMALS (27W)

roup Name	NO. of Animals	KIDNEY	YS	SPL	EEN	LIV	ER	BRA	IN	
Control	25	0.594± (0. 060	0.080±	0. 071	1. 296±	0. 101	0. 487±	0. 014	
67ppm	25	0.559± (0. 032	0.072±	0. 019	1. 253 ±	0. 070	0.486±	0.015	
200ррт	21	0.553± (0. 032	0.066±	0. 012	1.212±	0. 087**	0. 484生	0.016	
600ppm	24	0.558± (0. 050	0.081±	0.039	1.229±	0. 101*	0. 477±	0.015	
Significant	difference ;	* : P ≤ 0.05	**	: P ≦ 0.01			Tes	at of Dunnet	t .	
CL040)										 04

TABLE J2

ORGAN WEIGHT, ABSOLUTE: FEMALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl REPORT TYPE : A1

SEX : FEMALE UNIT: g

ORGAN WEIGHT: ABSOLUTE (SUMMARY) SURVIVAL ANIMALS (27W)

ир Малте	NO, of Animals	Body Weight	THYMUS	ADRENALS	OVARIES	HEART	LUNGS	
Control	23	21.6± 1.0	0.050± 0.016	0.016± 0.002	0.034± 0.005	0. 147± 0. 010	0.188± 0.137	
67ррт	24	21.9± 1.7	0.046± 0.011	0.016± 0.003	0.030± 0.004*	0.148± 0.012	0.161± 0.009	
200ррт	24	21.1± 0.7*	0.040± 0.014*	0.016± 0.003	0.029± 0.004**	0. 147± 0. 012	0.162± 0.022	
600ppm	19	20.5± 1.2**	0.056± 0.111**	0.015± 0.002	0.026± 0.005**	0.142± 0.012	0.195± 0.138	

(HCL040)

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

REPORT TYPE : A1 . SEX : FEMALE UNIT: g

ORGAN WEIGHT: ABSOLUTE (SUMMARY) SURVIVAL ANIMALS (27W)

oup Name	NO. of Animals	KIDI	NEYS	SPL	EEN	LIV	ER	BRA				
Control	23	0.414±	0. 026	0.085±	0.017	1.053±	0.069	0.504±	0. 013	·		•
• 67ррт	24	0.419±	0. 024	0.084±	0. 016	1.051±	0. 082	0.506±	0.015			
200ppm	24	0.409±	0. 018	0.079±	0.008	1. 046 ±	0.063	0.504±	0. 014			
600ppm	19	0.404±	0. 029	0.073±	· 0. 008*	1.037±	0. 104	0.490±	0. 018*		•	

TABLE K1

ORGAN WEIGHT, RELATIVE : MALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

REPORT TYPE : A1

SEX : MALE UNIT: %

ORGAN WEIGHT: RELATIVE (SUMMARY)

SURVIVAL ANIMALS (27W)

up Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	TESTES	HEART	LUNGS	
Control	25	28.5± 2.0	0.163± 0.045	0.050± 0.011	0.946± 0.080	0.661± 0.056	0.583± 0.043	
67ppm	25	28.0± 2.2	0.219± 0.263	0.050± 0.012	0.912± 0.102	0.650± 0.055	0.586生 0.053	÷
200ppm	21	26.8± 1.9*	0.166± 0.033	0.054± 0.011	0.770± 0.153**	0.655± 0.042	0.619± 0.062	
600ppm	24	26.1± 2.5**	0.163± 0.178**	0.054± 0.013	0. 253± 0. 021**	0.688生 0.078	0.629± 0.049**	

ANIMAL : Jic:CB6F1-Tg rasH2@Jel

REPORT TYPE : A1

SEX : MALE UNIT: %

ORGAN WEIGHT: RELATIVE (SUMMARY)

SURVIVAL ANIMALS (27W)

Name	NO. of Animals	- KIDNEYS	SPLEEN .	LIVER	BRAIN	
Control	25	2.082± 0.160	0. 279± 0. 241	4.546± 0.199	1.714± 0.099	
67ррт	25	2.003± 0.124	0. 258± 0. 065	4.487± 0.208	1.748± 0.148	
200ppm	21	· 2. 073± 0. 157	0.245± 0.038	4,531± 0,190	1.814± 0.121*	
600ppm	24	2. 142± 0. 107	0.314± 0.153**	4.720± 0.233*	1.841± 0.149**	

TABLE K2

ORGAN WEIGHT, RELATIVE : FEMALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

REPORT TYPE : A1 SEX : FEMALE UNIT: % ORGAN WEIGHT:RELATIVE (SUMMARY) SURVIVAL ANIMALS (27W)

Group Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	OVARIES	HEART	LUNGS	
Control	23	21.6± 1.0	0.231± 0.069	0.074± 0.010	0.155± 0.019	0.680± 0.043	0.884± 0.730	
67ppm	24	21.9± 1.7	0.210± 0.049	0.074± 0.013	0.139±.0.021*	0.676± 0.054	0.740± 0.053	
200ррм	24	21.1± 0.7*	0.191± 0.064	0.075± 0.014	0.140± 0.016*	0.698± 0.059	0.770± 0.102	
600ppm	19	20.5± 1.2**	0.271± 0.525**	0.074± 0.010	0.128± 0.021**	0.694生 0.046	0.984± 0.854	

organitional contra

Significant difference : $*: P \leq 0.05$

** : P ≤ 0.01

Test of Dunnett

(HCL042)

BAIS 5

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

REPORT TYPE : A1 SEX : FEMALE UNIT: % ORGAN WEIGHT: RELATIVE (SUMMARY)

SURVIVAL ANIMALS (27W)

1.912± 0.108 1.920± 0.113	0.392± 0.079 0.385± 0.067	4.869± 0.284 4.809± 0.248	2. 335± 0. 128 2. 323± 0. 128		
	0.385± 0.067	4.809± 0.248	2.323± 0.128		
4 044 0 004					
1.944± 0.091	0.377± 0.037	4.969± 0.238	2.394± 0.106		
1.973± 0.125	0.356± 0.039	5.046± 0.249	2.398± 0.128		-
			1. 973± 0. 125 0. 356± 0. 039 5. 046± 0. 249	1. 973± 0. 125 0. 356± 0. 039 5. 046± 0. 249 2. 398± 0. 128	1. 973± 0. 125

TABLE L1

HISTOPATHOLOGICAL FINDINGS:

NEOPLASTIC LESIONS : MALE

STUDY NO. : ANIMAL :

: 0886

: Jic:CB6F1-Tg rasH2@Jcl

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0- 27W)

REPORT TYPE : A1 SEX : MALE

PAGE: 1 Group Name Control 200ррт 67ррт 600ppm Findings_ Organ_ No. of animals on Study 25 25 25 25 [Integumentary system/appandage] skin/app <25> <25> <25> <25> squamous cell papilloma 0 (0%) 0 (0%) 0 (0%) 1 (4%) subcutis <25> <25> <25> <25> hemangioma (0%) 0 (0%) 0 (0%) 1 (4%) hemangiosarcoma 0 (0%) 0 (0%) 1 (4%) 1 (4%) (Respiratory system) lung <25> <25> <25> <25> bronchiolar-alveolar adenoma (12%) 3 (12%) 2 (8%) 5 (20%) bronchiolar-alveolar carcinoma 0 (0%) 1 (4%) 3 (12%) 4 (16%) {Hematopoietic system} lymph node <25> <25> <25> <25> malignant lymphoma 0 (0%) 0 (0%) 2 (8%) 0 (0%) thymus <24> <25> <25> <25> malignant lymphoma 0 (0%) 1 (4%) 0 (0%) 1 (4%) spleen <25> <25> <25> <25> hemangiosarcoma 1 (4%) 1 (4%) 2 (8%) 2 (8%) [Circulatory system] lymph vess <25> <25> <25> lymphangioma 0 (0%) 0 (0%) 0 (0%) 1 (4%) [Digestive system] oral cavity <25> <25> <25> <25> squamous cell carcinoma 0 (0%) 0 (0%) 1 (4%) 0 (0%)

<a>> a:N
b (c) b:N

a: Number of animals examined at the site

b: Number of animals with neoplasm

c:b/a * 100

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1 REPORT TYPE : A1 SEX : MALE

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0- 27W)

Organ	Findings	Group Name No. of animals on Study		Control 25		67ppm 25		200ppm 25		600ppm 25	
(Digestive sy	ystem)										
stomach	squamous cell carcinoma		0 (25> 0%)	0	<25> (0%)	0	<25> (0%)	1	<25> (4%)	
liver	hepatocellular adenoma		0 (25> 0%)	1	<25> (4%)	1	<25> (4%)	0	<25> (0%)	
(Special sens	se organs/appendage)	,									-
Harder gl	adenoma		0 (25> 0%)	0	<25> (0%)	1	<25> (4%)	0	<25> .(0%)	
<a>><a> b (c)	a: Number of animals examined at the site b: Number of animals with neoplasm c: b/a	n * 100									
(HPT085)											BAIS

TABLE L2

HISTOPATHOLOGICAL FINDINGS:

NEOPLASTIC LESIONS : FEMALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jc/ REPORT TYPE : A1 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0- 27W)

rgan		oup Name of animals on Study	Control 25		67ppm 25		200ppm 25		600ррт 25
Integumentary	/ system/appandage)				-				
ocutis	hemangioma	0	<25> (0%)	1	<25> (4%)	0	<25> (0%)	0	<25> (0%)
espiratory s	system)								
sal cavit	hemangiosarcoma	0	<25> (0%)	0	<25> (0%)	1	<25> (4%)	0	<25> (0%)
ng	bronchiolar-alveolar adenoma	2	<25> (8%)	. 1	<25> (4%)	5	<25> (20%)	4	<25> (16%)
	lymphangioma	1	(4%)	0	(0%)	0	(0%)	0	(0%)
•	bronchiolar-alveolar carcinoma	2	(8%)	2	(8%)	2	(8%)	5	(20%)
ematopo i eti o	system}								
ne marrow	hemangioma	1	<25> (4%)	0	<25> (0%)	0	<25> (0%)	0	<25> (0%)
ph node	malignant lymphoma	-0	<25> (0%)	0	<25> (0%)	0	<25> (0%)	2	<25> (8%)
/mus	malignant lymphoma	1	<25> (4%)	0	<25> (0%)	0	<25> (0%)	2	<25> (8%)
leen	hemangiosarcoma	. 1	<25> (4%)	3	<25> (12%)	1	<25> (4%)	0	<25> (0%)
igestive sys	tem}				•				
omach	squamous cell papilloma	0	<25> (0%)	1	<25> (4%)	1	<25> (4%)	1	<25> (4%)

ANIMAL : Jic:CB6F1-Tg rasH2@Jc!

HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0- 27W)

REPORT TYPE : A1

SEX : FEMALE

Organ		Group Name No. of animals on Study	Control 25	•	67ppm 25		200ррт 25		600ppm 25
(Urinary syste	лп)								
urin bladd	transitional cell papilloma	1	<25> (4%)	0	<25> (0%)	0	<25> (0%)	0	<25> (0%)
(Reproductive	system}								
vagina	hemangiosarcoma	0	<25> (0%)	0	<25> (0%)	2	<25> (8%)	0	<25> (0%)
{Special sense	organs/appendage}								
Harder gl	adenoma	1	<25> (4%)	0	<25> (0%)	0	<25> (0%)	1	<25> (4%)
<a>> b (c)	a: Number of animals examined at the site b: Number of animals with neoplasm c: b/a * 10	0			.	·			
(HPT085)			·-··		-				

TABLE M1

NEOPLASTIC LESIONS-INCIDENCE

AND STATISTICAL ANALYSIS: MALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

Group Name	Control	67ppm	200ppm	600ррт
	SITE : subcutis			
Towns water	TUMOR : hemangioma, hemangiosarcoma			
Tumor rate Overall rates(a)	0/25(0.0)	0/95/ 0.0)	1/05/ 1.00	
Adjusted rates (b)	0,00	0/25(0.0) 0.00	1/25(4.0)	2/25(8.0)
Terminal rates (c)	0/25(0.0)	0/25(0.0)	4. 55 0/21 (0. 0)	4.17
Statistical analysis Peto test	0,20(0.0)	0,20(0.0)	0,21(0.0)	1/24(4.2)
Standard method(d)	P = 0.1411			
Prevalence method(d)	P = 0.1568		•	
Combined analysis(d)	P = 0.0466*			
Cochran-Armitage test(e)	P = 0.0589			
Fisher Exact .test(e)		P = N. C.	P = 0.5000	P = 0.2449
1		·	·	
	SITE : lung			
Tumpu waka	TUMOR : bronchiolar-alveolar adenom	· ·		
Tumor rate Overali rates(a)	3/25 (12. 0)	2/05/ 10 0)	0/05/ 0.00	= (0= (a. a.)
Adjusted rates (b)	12.00	3/25(12. 0) 12. 00	2/25(8.0)	5/25 (20. 0)
Terminal rates (c)	3/25(12.0)	3/25 (12. 0)	9. 52 2/21 (9. 5)	20. 83 5/24(20. 8)
Statistical analysis	5, 25 (12. 0)	0,20(12.0)	2/21(3.0)	3/24(20. 8)
Peto test		•		
Standard method(d)	P = · ——			•
Prevalence method(d)	P = 0.1517		:	
Combined analysis(d)	P =			
Cochran-Armitage test(e)	P = 0.3169			
Fisher Exact test(e)		P = 0.6664	P = 0.5000	P = 0.3510
	CITE . lung			,
	SITE : lung TUMOR : bronchiolar-alveolar carcing	amo.		
Tumor rate	TOWOR - DIGITALIA - MARCIAL CATCLU	Alia .		,
Overall rates (a)	0/25(0.0)	1/25 (4.0)	3/25 (12. 0)	4/25(16 0)
Adjusted rates (b)	0.00	4.00	3/25 (12.0) 14. 29	4/25 (16. 0) 16. 67
Terminal rates(c)	0/25(0.0)	1/25(4.0)	3/21 (-14, 3)	4/24(16.7)
Statistical analysis		., ,	V/ L1 (17. V/	4/24(10.7)
Peto test				
Standard method(d)	P =		•	
Prevalence method(d)	P = 0.0226*			-
Combined analysis(d)	P =			
Cochran-Armitage test(e)	P = 0.0347*	•		•
Fisher Exact test(e)		P = 0.5000	P = 0.1173	P = 0.0549

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE:

. Group Name	Control	67ppm	200ppm	600ppm	
	SITE : lung				
	TUMOR : bronchiolar-alveolar a	denoma, bronchiolar-alveolar carcinoma	B		
umor rate	0 (05 (40 4)				
Overall rates (a)	3/25 (12. 0)	4/25 (16.0)	5/25 (.20. 0)	8/25 (32. 0)	
Adjusted rates(b)	12.00	16.00	23. 81	33. 33	
Terminal rates(c)	3/25 (12.0)	4/25(16.0)	5/21 (23.8)	8/24(33.3)	
tatistical analysis				,	
Peto test			•		
Standard method(d)	P =				
Prevalence method(d)	P = 0.0312*				
Combined analysis(d)	P =				
Cochran-Armitage test(e)	P = 0.0626				
Fisher Exact test(e)		P = 0.5000	P = 0.3510	P = 0.0853	
umor rate Overail rates(a)	SITE : lymph node TUMOR : malignant lymphoma 0/25(0.0)	0/25(0.0)	2/25(8.0)	0/25(0.0)	
Adjusted rates(b)	0.00	0.00	0.00	0.00	
Terminal rates(c)	0/25(0.0)	0/25(0.0)	0/21 (0. 0)	0/24(0.0)	
tatistical analysis					
Peto test					
Standard method(d)	P = 0.4697	•			
Prevalence method(d)	P =				
Combined analysis(d)	P = 0.4697				
	P = 0.9181	•			
Cochran-Armitage test(e) Fisher Exact test(e)	r - 0. 9101				

BAIS6

2

: Jic:CB6F1-Tg rasH2@Jci

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL SEX

: MALE

PAGE:

3

Group Name	Control		67ppm		200ppm		600ppm	
•	SITE : spleen	•						
	TUMOR : hemangiosarcoma							
umor rate								
Overall rates(a)	1/25(4.0)	1/25(4. 0)	2/25(8. 0)	2/25(8 0)	
Adjusted rates(b)	4. 00		4. 00	-,	4. 76	_, _, ,	8. 33	
Terminal rates(c)	1/25(4.0)	1/25(1/21 (2/24(
tatistical analysis	,	.,	,	7,2.1	0)	2/24(0. 0)	
Peto test								
Standard method(d)	P = 0.3630							
Prevalence method(d)	P = 0. 2198				i		•	
Combined analysis(d)	P = 0. 2441			-				
ochran-Armitage test(e)	P = 0. 5072							
	F = 0.007Z	D 0.75	F-1			_		
isher Exact test(e)		P = 0.75	51	P = 0.50	00	P = 0.50	100	

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

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

(c): Observed tumor incidence at terminal kill.

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

Standard method : Death analysis

Prevalence method : Incidental tumor test

Combined analysis : Death analysis + Incidental tumor test

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

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

----: There is no data which should be statistical analysis. Significant difference ; $*: P \le 0.05$ $**: P \le 0.01$

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

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

EX : MALE

Group Name		Control		67ррт	200ррт	600ppm	
		ALL SITE hemangioma, hemangi	osarcoma				
fumor rate					*		
Overall rates(a)	1/25(4. 0)	1/25 (4. 0)	3/25 (12. 0)	4/25 (16.0)	
Adjusted rates(b)		4. 00		4.00	9, 09	12.50	
Terminal rates(c)	1/25(4. 0)	1/25(4. 0)	1/21 (4.8)	3/24 (12.5)	
Statistical analysis					7210 1107	0/24(12.0)	
Peto test							
Standard method (d)	P = 0.19	598	•				
Prevalence method(d)	P = 0.10	075					
Combined analysis(d)	P = 0.09	558					
Cochran-Armitage test(e)	P = 0.09	937					
Fisher Exact test(e)			P = 0, 75	51	P = 0.3046	P = 0.1743	

BA1S5

⁽a): Number of tumor-beaning 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 retes.

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

There is no data which should be statistical analysis. Significant difference; *: $P \le 0.05$ **: $P \le 0.01$

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

: Jic:CB6F1-Tg rasH2@Jcl

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

AN I MAL

(HPT360A)

: MALE

DEA : MALE				PAGE :
Group Name	Control	67ppm	200ррт	600ррт
Tumor rate Overail rates(a) Adjusted rates(b) Terminal rates(c) Statistical analysis Peto test Standard method(d) Prevalence method(d)	SITE : ALL SITE TUMOR : malignant lymphoma 0/25(0.0) 0.00 0/25(0.0) P = 0.4697 P = 0.2409	1/25(4.0) 4.00 1/25(4.0)	2/25(8.0) 0.00 0/21(0.0)	1/25(4.0) 4.17 1/24(4.2)
Combined analysis(d) Cochran-Armitage test(e) Fisher Exact test(e)	P = 0.3125 P = 0.6609	P' = 0.5000	P = 0.2449	P = 0.5000
Tumor rate Overall rates(a) Adjusted rates(b)	SITE: ALL SITE TUMOR: hemangiosarcoma 1/25(4.0) 4.00	1/25(4.0)	3/25(12.0)	3/25(12.0)
Terminal rates(c) Statistical analysis Peto test Standard method(d) Prevalence method(d) Combined analysis(d)	1/25 (4.0) P = 0.1598 P = 0.2415 P = 0.1289	4.00 1/25(4.0)	9.09 1/21(4.8)	8. 33 2/24(8. 3)
Cochran-Armitage test(e) Fisher Exact test(e)	P = 0.2456	P = 0.7551	P = 0.3046	P = 0.3046

BA1S6

Standard method : Death analysis

Prevalence method: Incidental tumor test

Combined analysis: Death analysis + Incidental tumor test

⁽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.

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

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

[:] There is no data which should be statistical analysis. Significant difference: $*: P \le 0.05$ $**: P \le 0.01$

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

TABLE M2

NEOPLASTIC LESIONS-INCIDENCE

AND STATISTICAL ANALYSIS: FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1 SEX : FEMALE

					- I AUL -
Group Name	Control	67ppm	200ppm	600ррт	
	SITE : lung				-
umor rate	TUMOR : bronchiolar-alveolar	adenoma			
Overall rates(a)	2/25(8.0)	1/25(4.0)	5/25 (20. 0)	4/05/ 10.00	
Adjusted rates (b)	8.70	4.17	20. 83	4/25 (16. 0) 21. 05	
Terminal rates(c)	2/23(8.7)	1/24(4.2)	5/24(20. 8)	4/19 (21. 1)	
tatistical analysis			5, 51, 21, 5,	4, 10 (21. 1)	
Peto tést Standard method(d)	D —			•	
Prevalence method(d)	P = P = 0.0708		•		
Combined analysis (d)	P =		•		
Cochran-Armitage test(e)	P = 0. 2521				
Fisher Exact test(e)		P = 0.5000	P = 0.2087	P = 0.3336	
	SITE : lung				
	TUMOR : bronchiolar-alveolar	carcinoma ·			
umor rate	0 (05 (0 0)	- 4	-		
Overall rates(a) Adjusted rates(b)	2/25 (8. 0) 8. 70	2/25(8.0)	2/25(8.0)	5/25 (20.0)	
Terminal rates(c)	2/23(8. 7)	8. 00 1/24 (4. 2)	8. 33	21.05	
tatistical analysis	2/23(0.7)	1/24(4-2)	2/24(8.3)	4/19 (21. 1)	
Peto test			•		
Standard method (d)	P =	•			
Prevalence method(d)	P = 0.0649				
Combined analysis(d) Cochran-Armitage test(e)	P = P = 0.1143				
Fisher Exact test(e)	F ~ 0.1143	P = 0.6954	P = 0.6954	D = 0.0007	
			F = 0.0954	P = 0. 2087	
	SITE : lung			-	
		adenoma, bronchiolar-alveolar carcinoma			
umor rate					
Overall rates(a)	4/25 (16. 0)	3/25 (12.0)	7/25 (28, 0)	8/25(32.0)	
Adjusted rates(b)	17. 39	12.00	29. 17	36. 84	
Terminal rates(c) tatistical analysis	4/23(17.4)	2/24(8.3)	7/24(29. 2)	7/19(36.8)	
Peto test				V.	
Standard method(d)	P =				
Prevalence method(d)	P = 0.0415*				
Combined analysis(d)	P =	•		•	
Cochran-Armitage test(e)	P = 0.0903				
Fisher Exact test(e)		P = 0.5000	P = 0. 2481	P = 0.1604	

STUDY No. : 0886 ANIMAL : Jic:CB6F1-Tg rasH2@Jc1 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

Group Name	Control	67ppm	200ppm	600ppm
· 	SITE : lymph node			
	TUMOR : malignant lymphoma		•	
Tumor rate Overall rates(a)	0/25(0.0)	0/05/ 0.00	0.054 0.00	- 1 1
Adjusted rates (b)	0.00	0/25(0.0) 0.00	0/25(0.0)	2/25 (8. 0)
Terminal rates (c)	0/23(0.0)	0.00	0.00 0/24(0.0)	0.00
Statistical analysis	0,20(0.0)	0/24(0.0)	. 0/24(0.0)	0/19(0.0)
Peto test				
Standard method(d)	P = 0.0144*?			
Prevalence method(d)	P =			
Combined analysis(d)	P = 0.0144*?			
Cochran-Armitage test(e)	P = 0.0186*			
Fisher Exact test(e)		P = N. C.	P = N.C.	P = 0.2449
	SITE : thymus			
	TUMOR : malignant lymphoma			
Tumor rate				
Overall rates (a)	1/25(4.0)	0/25(0.0)	0/25(0.0)	2/25(8.0)
Adjusted rates(b)	0.00	0. 00	0.00	5. 26
Terminal rates(c)	0/23(0.0)	0/24(0.0)	0/24(0.0)	1/19(5.3)
Statistical analysis				
Peto test	D A 0077			·
Standard method(d) Prevalence method(d)	P = 0. 2857 P = 0. 1058			
Combined analysis(d)	P = 0.1056 P = 0.0932			
Cochran-Armitage test(e)	P = 0.1660		·	
Fisher Exact test(e)	1 - 0.1000	P = 0.5000	P = 0.5000	P = 0.5000
		1 - 0.0000	F = 0.5000	·P = 0. 5000
	SITE : spleen			
	TUMOR : hemangiosarcoma			
Tumor rate	romor. / Homangroods coma			
Overall rates (a)	1/25 (4.0)	3/25 (12,0)	1/25(4.0)	0/25(0.0)
Adjusted rates (b)	4. 35	8. 33	4. 17	0,25(0.0)
Terminal rates (c)	1/23 (4.3)	2/24(8.3)	1/24(4.2)	0/19(0.0)
tatistical analysis	•		7-11 1107	0,10(0.0)
Peto test				•
Standard method(d)	P = 0.5251			
Prevalence method (d)	P = 0.8515	•		
Combined analysis(d)	P = 0.8974			•
Cochran-Armitage test(e) Fisher Exact test(e)	P = 0.1782	•		
		P = 0.3046	P = 0.7551	P = 0.5000

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

SEX : FEMALE

PAGE :

6

Group Name	Control		67ppm		200ppm		600ррт	
	SITE : vagina TUMOR : hemangiosarcoma	**			· · · · · · · · · · · · · · · · · · ·			
umor rate								
Overall rates(a)	0/25(0.0)	0/25(0.0)	2/25(8. 0)	0/25(0. 0)	
Adjusted rates(b)	0. 00		0.00	•	4. 17	-, ,	0.00	
Terminal rates(c)	0/23(0.0)	0/24(0.0)	1/24(4. 2)	0/19(
tatistical analysis		,	,	.,		0, 10 (0.07	
Peto test	,							
Standard method(d)	P = 0.3394							
Prevalence method(d)	P = 0.3386							
Combined analysis (d)	P = 0.4233			i e				
Cochran-Armitage test(e)	P = 0.9181							
Fisher Exact test(e)		P = N. C.		P = 0.24	49	P = N. C.		

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

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

(c): Observed tumor incidence at terminal kill.

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

Standard method : Death analysis

Prevalence method : Incidental tumor test

Combined analysis: Death analysis + Incidental tumor test

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

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

There is no data which should be statistical analysis. Significant difference : $*: P \le 0.05$ **: $P \le 0.01$

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

ANIMAL

: Jic:CB6F1-Tg rasH2@Jc1

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

PAGE:

SEX : FEMALE

umor rate Overall rates(a) Adjusted rates(b) Terminal rates(c)	SITE : ALL SITE TUMOR : malignant lymphoma 1/25(4.0) 0.00 0/23(0.0)	0/25(0, 0)			,
Overall rates(a) Adjusted rates(b) Terminal rates(c)	1/25(4.0) 0.00 0/23(0.0)	0/25(0. 0)			
Overall rates(a) Adjusted rates(b) Terminal rates(c)	0.00 0/23(0.0)	0/25(0. 0)		·	
Adjusted rates(b) Terminal rates(c)	0.00 0/23(0.0)	0/25(0.0)	0/05/ 0.0	_	
Terminal rates(c)	0/23(0.0)			0/25(0,0)	4/25(16.0)	
			0.00	0,00	4/25(16.0) 5. 26	
		0/24(0/24(0.0)		
tatistical analysis	•	, ,	. ,	0, E4 (0. 0)	1/19(5.3)	
Peto test	•					
Standard method (d)	P = 0.0296*					
Prevalence method(d)	P = 0. 1058					
Combined analysis(d)	P = 0.0073**					
Cochran-Armitage test(e)	P = 0.0094**					
Fisher Exact test(e)	·	P = 0.500	nn	P = 0.5000	P = 0. 1743	•
	SITE : ALL SITE	· .	<u> </u>			
	TUMOR : hemangiosarcoma	•				
umor rate					•	
Overall rates (a)	1/25(4.0)	3/25(12. 0)	3/25 (12. 0)	0/25(0.0)	
Adjusted rates(b)	4. 35		8. 33	8, 33	0.00	
Terminal rates(c)	1/23 (4.3)	2/24(8.3)	2/24(8.3)	0/19(0.0)	
tatistical analysis				-, - · · · · · · · ·	0,13(0,0)	
Peto test						
Standard method(d)	P = 0.5917				•	
Prevalence method(d)	P = 0.8181					
Combined analysis(d)	P = 0,8465					
Cochran-Àrmitage test(e)	P = 0. 2276					
Fisher Exact test(e)		P = 0.304	16	P = 0.3046	P = 0.5000	
PT360A)						BAI

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

Standard method : Death analysis

Prevalence method: Incidental tumor test

Combined analysis: Death analysis + Incidental tumor test

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

⁽c): Observed tumor incidence at terminal kill.

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

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

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

There is no data which should be statistical analysis. Significant difference : $*:P \le 0.05$ **: $P \le 0.01$

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

TABLE N1

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

STUDY NO. : 0886 ANIMAL : Jic:CB6F1-Tg rasH2@Jc!

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

REPORT TYPE : A1

: MALE SEX

PAGE: 1

Time-related Weeks	Items	Group Name	Control	67ppm	200ppm	600ppm	·
1 - 20	NO. OF EXAMINED ANIMALS		0	0	2	0	
	NO. OF ANIMALS WITH TUMORS NO. OF ANIMALS WITH SINGLE TUMORS NO. OF ANIMALS WITH MULTIPLE TUMORS		0 0 0	0 0 0	2 1 1	0 0 0	
NO. OF	NO. OF BENIGN TUMORS NO. OF MALIGNANT TUMORS NO. OF TOTAL TUMORS		0 0 0	0 0 0	1 2 3	0 0 0	·
NO. OF ANI NO. OF ANI NO. OF BEN NO. OF MAL	NO. OF EXAMINED ANIMALS		25	25	23	25	• .
	NO. OF ANIMALS WITH TUMORS NO. OF ANIMALS WITH SINGLE TUMORS NO. OF ANIMALS WITH MULTIPLE TUMORS		4 4 0	6 5 1	9 8 1	16 15 1	
	NO. OF BENIGN TUMORS NO. OF MALIGNANT TUMORS NO. OF TOTAL TUMORS		3 1- 4	4 3 7	3 7 10	8 9 17	
1 - 27	NO. OF EXAMINED ANIMALS		25	25	25	25	
	NO. OF ANIMALS WITH TUMORS NO. OF ANIMALS WITH SINGLE TUMORS NO. OF ANIMALS WITH MULTIPLE TUMORS		4 4 0	6 5 1	11 9 2	16 15 1	
	NO. OF BENIGN TUMORS NO. OF MALIGNANT TUMORS NO. OF TOTAL TUMORS		3 1 4	4 3 7	4 9 13	8 9 17	

(HPT070)

TABLE N2

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1 REPORT TYPE : A1 SEX : FEMALE

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

PAGE: 2

ime-related Weeks	Items	Group Name	Control	67ppm	200ррт	600ppm	
•	_			•	-		
1 - 20	NO. OF EXAMINED ANIMALS		2	0	0	2	
	NO. OF ANIMALS WITH TUMORS		2	0	0	2	
	NO. OF ANIMALS WITH SINGLE TUMORS		1	Ö	ñ	2	
	NO. OF ANIMALS WITH MULTIPLE TUMORS	:	1	Ö	Ô	0	
	NO. OF BENIGN TUMORS		2	0	0	0	
	NO. OF MALIGNANT TUMORS		1	0	0	2	
	NO. OF TOTAL TUMORS		3	0	0	2	
!	NO. OF EXAMINED ANIMALS		23	25	25	23	
	NO. OF ANIMALS WITH TUMORS		6	7	10	0 .	
	NO. OF ANIMALS WITH SINGLE TUMORS		5	6	8	e e	
	NO. OF ANIMALS WITH MULTIPLE TUMORS	•	1	1	2	3	
	NO. OF BENIGN TUMORS		4	3	6	6	
	NO. OF MALIGNANT TUMORS		3	5	6	7	
	NO. OF TOTAL TUMORS		7	8	12	13	
1 - 27	NO. OF EXAMINED ANIMALS		25	25	25	25	
	NO. OF ANIMALS WITH TUMORS		8	7	10	11	
	NO. OF ANIMALS WITH SINGLE TUMORS		6	6	8	8	
	NO. OF ANIMALS WITH MULTIPLE TUMORS		2	1	2	3	
	NO. OF BENIGN TUMORS		6	3	6	6	
	NO. OF MALIGNANT TUMORS		4	5	6	9	
	NO. OF TOTAL TUMORS		10	. 8	12	15	

(HPT070)

BA1S6

TABLE O1

HISTOPATHOLOGICAL FINDINGS:

METASTASIS OF TUMOR : MALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

REPORT TYPE : A1

SEX : MALE HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY) ALL ANIMALS (O- 27%)

Organ F	-indings	Group Name No. of Animals on Study	Control 25	67ррт 25	200ррm 25	600ppm 25
{Respiratory syst	:en}					
lung I	eukemic cell infiltration		<25> 0	<25> 1	<25> 1	<25> 0
(Hematopoietic sy	vstem}		. •			
bone marrow I	eukemic cell infiltration		<25> 0	<25> 1	<25> 0	<25> 0
lymph node -1	eukemic cell infiltration		<25> 0	<25> 1	<25> 0	<25> 1
thymus I	eukemic cell infiltration		<24> 0	<25> 0	<25> 1	<25> 0
spleen [eukemic cell infiltration		<25> 0	<25> 0	<25> 2	<25> 0
(Digestive system	1					•
liver I	eukemic cell infiltration		<25> 0	<25> 0	<25> 1	<25> 0
(Urinary system)						
kidney I	eukemic cell infiltration		<25> 0	<25> 0	<25>	<25> 0
(a) a b b	: Number of animals examined at the s : Number of animals with lesion	ite				
(JPT150)						

TABLE O2

HISTOPATHOLOGICAL FINDINGS:

METASTASIS OF TUMOR: FEMALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl REPORT TYPE : A1 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY) ALL ANIMALS (0- 270)

	·				, .,
		Group Name Control No. of Animals on Study 25	67ppm 25	200ppm 25	600 ррт 25
gan	Findings				
Respiratory sy	stem)				•
asal cavit	leukemic cell infiltration	<25> 0	<25> 0	<25> 0	<25> 3
ung	leukemic cell infiltration	<25> 1	<25> 0	<25> 0	<25> 4
Hematopoietic	system}				
one marrow	leukemic cell infiltration	<25> 1	<25> 0	<25> 0	<25>
ymph node	leukemic cell infiltration	<25> 1	<25> 0	<25> 0	<25> 2
pleen	leukemic cell infiltration	<25> 1	<25> 0	<25> 0	<25> 4
Circulatory sy	stem)				
eart	[eukemic cell infiltration	<25> 0	<25> 0	<25> 0	<25> 4
Digestive syst	em}				
iver	leukemic cell infiltration	<25> 1	<25> 0	<25> 0	<25> 3
Urinary system	}			•	
idney	leukemic cell infiltration	<25> 0	<25> 0	<25> - 0	<25>
a > b	a : Number of animals examined at the si b : Number of animals with lesion	te			
(JPT150)				<u></u>	

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1 REPORT TYPE : A1

HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR (SUMMARY) ALL ANIMALS (0-27W)

SEX : FEMALE

Organ,	Findings	oup Name o. of Animals on Study	Control 25	67ppm 25 _.	200ppm 25	600ppm 25
(Reproductive	system}					
ovary	leukemic cell infiltration		<25> 0	<25> 0	<25> 0	<25> 2
ıterus	leukemic cell infiltration		< 25> 1	<25> 0	<25> 0	<25> 3
/agina	leukemic cell infiltration		<25> 1	<25> 0	<25> 0	<25>
Body cavities	s}					
ediastinum	leukemic cell infiltration		<25> 0	<25> 0	<25> 0	<25>
a > b	a : Number of animals examined at the site b : Number of animals with lesion	3				
(JPT150)				·		

TABLE P1

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : MALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1 REPORT TYPE : A1

SEX

: MALE

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0- 27W)

PAGE: 1

		Group Name No. of Animals on Study	25	Contro	i			63 25	7ppm				25	200	mqc					Oppm	1
Organ		Grade 1+	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	- ;	3+ %) ——	4+ (%)	1- (%)		2+ (%)	3+ (%)	4+ (%)		1+ (%)	2+ (%)	25 3- (%)		4+ (%)
[Respiratory	system}																				
nasal cavit	hyperplasia:gland	0 (0)	<25) 0 (0) (0	0 0)	0 (0)	0	(25> (D) (0 0)	0 (0)) (<25 0 0)	0	0 (0)		1 4)	<2 0 (0)	25> 0 (0)		0 0)
	eosinophilic change:olfactory epitheli		0 (0) (0 0) (0 0)	18 (72)	0 (0)	((0 0) (0 0)	14 (56)) (0 0)	0 (0)	0 (0)	(!	14 56)	0 (0)	(0)) (0 0)
•	eosinophilic change:respiratory epithe		0 (0) (0 0) (0 0)	18 (72)	0 (0)	(() ()	0 * 0)	15 (60)) (0 0)	0 (0)	0 (0)	((15 60) (0 (0)	(0)) (0
	respiratory metaplasia:gland	17 (68)	0 (0) (0 0) (0 0)	16 (64)	0 (0)	(())) (0 0)	10 (40)	(0 0)	0 (0)	0 (0)	. (6	15 60) (0 (0)	(0)) (0 0)
asopharynx	eosinophilic change	9 (36)	<25) 0 (0) (0	0 0)	11 (44)	0	25> (0 0)	15 (60)	(<25 0 0) (0	0 (0)		13 52) (<2 0 (0)	25> 0 (0)		0 0)
ung	inflammatory infiltration	0 (0)	<25) 0 (0) (0	0 0)	0 (0)	0	25> ())) (0 0)	0 (0)	(<25 0 0) (0	.0 (0)	(1 4)	<2 0. (0)	.5> 0 (0)		0 0)
	granulation	(0)	1 (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)

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

b: Number of animals with lesion b

(c) c:b/a * 100

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

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

REPORT TYPE : A1 SEX

: MALE

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0- 27W)

PAGE: 2

		Group Name No. of Animals on Stud	v	25	Contr	ol			25	67pp	MOR T			2	200 _.	opm			2	600	ppm
rgan	Findings	Grade	1+ (%)	2+ (%)	3+ (%)	4+ (%)		1+ %)	2+ (%)	3+ (%)	4+ (%)		1+ (%)	2+ (%)	3+ (%)	4+ (%)		1+	2+ (%) -	3+	4 (%
Respiratory s	ystem}																				
ung	bronchiolar-alveolar cell hyperplasia		1 4) (<25 0 0) (0 (0)	0 (0)	(0 0) (<25 0 0)	5> 0 (0)	0 (0)	(1 4) (〈2 0 0)	5> 0 (0)	0 (0)	(1 4)	〈2 0 (0)	5> 0 (0)	(0
Hematopoietíc	system]					•													•		
one marrow	decreased hematopoiesis	. (0 (<25 0 0) (> 0 0)	0 (0)	(0 0) (<28 · 0 · 0) · (i> 0 (0)	0 (0)	(1 4) (<2 0 0)	5> 0 (0)	0 (0)	(0	(2 0 (0)	5> 0 (0)	(0
	granulopoiesis:increased	(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)	(0
nymus	atrophy	(0 0) (<24 0 0) (0	0 (0)	(0 0) (<25 0 0) (0 (0)	(1 4) (<2: 0 0)	5> 0 (_0)	(0)	(0 0)	<2: 0 (0)	5> 0 (0)	(0
	lymphoid hyperplasia	(0 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
oleen	deposit of melanin		3 12) (<25 0 0) (0	0 (0)	(1 4) (<25 0 0) (0 (0)	0 (0)	(2	5 20) (<2! 0 0)	5> 0 (0)	0 (0)	(2 8)	<2: 0 (0)	5> 0 (0)	0 (0

b b: Number of animals with lesion (c) c: b / a * 100 Significant difference; *: P \leq 0.05 **: P \leq 0.01 Test of Chi Square

(HPT150)

BA1S6

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

REPORT TYPE : A1 SEX

MALE

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0- 27W)

PAGE: 3 Group Name Control 67ppm 200ppm 600ррт No. of Animals on Study 25 25 25 Grade 3+ 1+ 3+ 2+ Organ_ Findings_ (%) (%) (%) (%) (%) (%) (%) (%) [Hematopoietic system] spieen <25> <25> extramedullary hematopoiesis 0 (12) (0) (0) (0) (36) (4) (0) (0) (16) (0) (0) (0) (16) (4) (0) (0) (Circulatory system) heart inflammatory infiltration (4)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) mesothelial hyperplasia (0)(0)(0)(0) (4)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) [Digestive system] salivary gl <25> <25> lymphocytic infiltration (4)(0)(0)(0) (4)(0)(0)(0) (4)(0)(0)(0) (0)(0)(0)(0) stomach <25> erosion: forestomach 0 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (4)(0)(0)(0) (0)(0)(0)(0) Grade 1+ : Slight 4+ : Severe

2+ : Moderate

3+ : Marked

<a>>

b

a: Number of animals examined at the site

b: Number of animals with lesion

(c) c:b/a * 100

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

Test of Chi Square

: Jic:CB6F1-Tg rasH2@Jcl ANIMAL

REPORT TYPE: A1 SEX

MALE

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0- 27W)

PAGE: 4

		Group Name No. of Animals on Stud	dv	25	Contr	ol			5	67p !5	pm				2	200	mac				6 25	600pp	m
rgan		Grade	1+ (%)	2+ (%)	3+ (%)	4+ (%)		1+ (%)	2+ (%)	3+ (%)		4+ (%)		1+ (%)	2+ (%)	3+ (%)	4+ (%)		1+ (%)	2+	j.	3+ (%)	4+ (%)
Digestive sy	rstem}																						
tomach	ulcer:forestomach	(2 8) (<25 0 (0)	0	0 (0)	(0 0)	<2 0 (0)	(5) 0 (0)		0 0)		0 0) (0	5> 0 (0)	0 (0)	(0 0)	0 (0)		0 0) (0 (0)
	squamous celi metapiasia:glandular sto		0	0	0, (0)	0 (0)	. (1 4)	0 (0)	0 (0)		0 0)		0 0) (0 0)	0 (0)	0 (0)	(0 0)	0 (0)		0 0) (0 0)
	squamous cell hyperplasia:forestomach	(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)
iver	necrosis:central	(0	<25 0 (0) (0	0 (0)	(0 0)	0	5> 0 (0)	(0 0)	(0 0) (<2 0 0)	0	0 (0)	(1 4)	(0)	(25>	0 0) (0 0)
	necrosis:focal	. (1 4) (0 (0)	0 (0)	0 (0)	(2 8)	0 (0)	0 (0)	(0 0)	(1 4) (0 0)	0 (0)	0 (0)	(2 8)	0 (0)	(0 0) (0 0)
	inflammatory cell nest	(1 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)
÷	extramedullary hematopoiesis	(0 0) (0 (0 (0)	0 (0)	(0 0) (0 (0)	0 (0)	(0 0)	(0 0) (0 0)	0 (0)	0 (0)	(1 4)	0 (0)		0 0) (0 0)
	focus of cellular alteration	. (1 4) (0 (0	0 (0)	(1 4) (0 (0)	0 (0)	(0		0 0) (0	0 (0)	0 (0)	(2 8)	0 (0)	(0 0) (0 0)

Grade

1+ : Slight

2+ : Moderate

3+ : Marked

4+ : Severe

< a >

a: Number of animals examined at the site

þ

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

ANIMAL : Jic:CB6F1-Tg rasH2@Jc| REPORT TYPE : A1

SEX

: MALE

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY) ALL ANIMALS (0- 27W)

PAGE: 5

				·			-							I AUL -
Organ	Findings	Group Name No. of Animals on Study Grade 1+ (%)	Contro 25 2+ 3+ (%) (%)	4+ 1+ (%) (%)	25 2+	7ppm 3+ 4+ %) (%)	1+ (%)	25 2+	200ppm 3+ 4 (%) (9	1+ 6)	1+	2+ (%)	25	
Urinary syst	cem)		<u>-</u>		-									
i dney	tubular necrosis	0 (0)	<25> 0 0 (0) (0) (0 0	<25> 0 (0) (0 0 0) (0)	0 (0) (<25> 0 0) (0 ()))	0 (0)	<1 1 (4)	25> 0 (0)	0 (0)
	regeneration:renal tubule	0 (0)	0 0 (0) (0 1 (4)	0 (0 0	1 (4) (0 0) (0 ()))	2 (8)	0 (0)	0 (0)	0 (0)
eproductive	system}													
stis	interstitial cell hyperplasia	0 (0)	<25> 0 0 (0) (0) (0 0 0	<25> 0 ((0) (O O O) (O)	0 (0) (<25> 0 0) (1 0)))	0 (0)	<2 0 (0)	25> 25 (100)	0 ** (0)
	germ cell necrosis	1 (4)	0 0 (0) (0 1 (4)	0 () 0)) (0)	8 (32) (1 4) (1 0) *))	0 (0)	0 (0)	25 (100)	0 ** (0)
oididymis	debris of spermatic elements	. (4)	<25> 0 0 (0) (0) (0 1 0 (4)	<25> 0 ((0) (() 0)) (0)	6 (24) (<25> 0 0) (1 0 4) (0)))	0 (0)	0	25> 25 (100)	0 ** (0)
	e organs/appendage}													•
arder gl	hyperplasia	0 (0)	<25> 1 0 (4) (0) (0 0	<25> 0 () 0)) (0)	0 (0) (<25> 1 4) (0 0 0) (0) · (0 (0)	<2 0 (0)	25> 0 (0)	0 (0)

Grade < a > 1+ : Slight

2+ : Moderate

3+ : Marked

4+ : Severe

a: Number of animals examined at the site

b : Number of animals with lesion

(c)

c:b/a * 100

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

SEX

Organ_

pleura

ANIMAL : Jic:CB6F1-Tg rasH2@Jc1

Findings_

mesothelial hyperplasia

REPORT TYPE: A1

{Body cavities}

: MALE

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0- 27W)

0

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

Group Name Control 67ppm 200ppm 600ppm No. of Animals on Study 25 25 Grade 2+ 3+ 1+ 2+ 3+ 2+ 3+ 2+ 3+ (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) <25> <25> 0 0 . 0 0 0 0 0 0 (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) (4)(0)(0)(0) <25> <25>

0 0 0

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

0 0

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

Grade < a >

peritoneum

1+ : Slight

hemorrhage

2+ : Moderate

3+ : Marked

4+ : Severe

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

b (c) c:b/a * 100

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

(HPT150)

BAIS6

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

TABLE P2

HISTOPATHOLOGICAL FINDINGS:

NON-NEOPLASTIC LESIONS : FEMALE

ANIMAL : Jic:CB6F1-Tg rasH2@Jci REPORT TYPE : A1

SEX

: FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0- 27W)

•		iroup Name lo. of Animals on Study	25	Contro	d		25	67ррі	n		,	200p	pm į		2	600p	pm
rgan		1+ (%)	2+ (%)	3÷ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)		3+ (%)	4-1 (%)
Integumentary	/ system/appandage}					•			•								
kin/app	sebaceous hyperplasia	0 (0)	<25) 0 (0) (0	0 (0)	0 (0) (<25 0 (0) (0	0 (0)	0 (0)	<2 0 (0)	5> 0 (0)	0 (0)	1 (4)	<29 0 (0)	0	0 (0)
Respiratory s	system]													•			
asal cavit	eosinophilic change:olfactory epitheliu		<25) 0 (0) (0	0 (0)	14 (56) (<25 0 (0) (0	0 (0)	9 (36)	0	5> 0 (0)	0 (0)	12 (48)	(25 0 (0)	0	0 (0)
	eosinophilic change:respiratory epithel	ium 15 (60)	0 (0) (0	0 0)	· 17 (68) (0 (0 0)	0 (0)	8 (32)	2 (8)	0 (0)	0 (0)	10 (40)	1 (4)	0 (0)	0 (0)
	respiratory metaplasia:gland	19 (76)	0 (0) (0 0) (0 0)	25 (100) (0 (0 0)	0 * (0)	21 (84)	0 (0)	0 (0)	0 (0)	24 (96)	0 (0)	0 (0)	0 (0)
	hyperplasia transitional epithelium	. (0)	0 (0 0) (0 0)	0 (0) (0 0) (0 0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	atrophy:olfactory epithelium	0 (0) (0 (0 0) (0 0)	1 (4) (0 0) (0 0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
nsopharynx	eosinophilic change	11 (44)	<25> 0 (0) (0	0 0)	12 (48) (<25 0 0) (0	0 (0)	9 (36)	<2 0 (0)	0	0 (0)	16 (64)	<25 0 (0)	0	0 (0)

Grade

^{1+ :} Slight

^{3+ :} Marked

^{4+ :} Severe

< a >

a: Number of animals examined at the site

b (c)

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

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

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

REPORT TYPE: A1

SEX FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0- 27W)

PAGE: 8

		Group Name No. of Animals on Study	25	Contro	ol			25	37ppm	1				200 5)ppm				60 25	Оррп	J
organ	Findings	Grade 1+ (%)	2+ (%)	3+ (%)	4+ (%)	(%)	(9	4	3+ (%)	4+ (%)		1+ (%)	2+ (%)	.5 3+ (%)			1+ (%)	2+ (%)			4+ (%)
Respiratory s	ystem]									٠											
lung	inflammatory infiltration	0 (0)	<25 0 (0)	5> 0 (0)	0 (0)	0 (0)	((<25>))) (0 0) (0 (0)	(2 8) (<2 0 (0)	5> 0 (0)	0 (0)	(0 0)	(2 0 (0)	25> 0 (0)		0 0)
	bronchiolar-alveolar cell hyperplasia	1 (4)	0 (0)	0 (0)	0 (0)	1 (4)	(())) (0 0) (0 (0)	(0 0) (0 (0)	0 (0)	0 (0)	(0 0)	0 (0)	(0) (0 0)
Hematopoietic	system]																				
one marrow	congestion	0 (0)	<25 0 (0)	6> 0 (0)	0 (0)	0 (0)	- ((0	<25>)) (0 0) (0° (0)	(0 0) ((2 0 0)	5> 0 (0)	0 (0)	. (1 4)	<2 0 (0)	25> 0 (0)) (0 0)
	angiectasis	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)
	decreased hematopoiesis	0 (0)	0 (0) (0 0)	0 (0)	0 (0)	(0) (0 0) (0 (0)	(0 0) (0 0)	0 (0)	0 (0)	(0 0)	1 (4)	(0)) (0 0)
	granulopoiesis: increased	. (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)
hymus	atrophy	0 (0)	<25 0 (0) (0 (0 (0)	0 (0)	0	<25>) (0 0) (0 (0)		0 0) (<2 0 0)	5> 0 (0)	0 (0)	(3 12)	<2 0 (0)	25> 0 (0)		0 0)

Grade

1+ : Slight

2+ : Moderate

3+ : Marked

4+ : Severe

<a>>

a: Number of animals examined at the site

Ь

b: Number of animals with lesion

(c)

c:b/a * 100

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

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl REPORT TYPE : A1

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0- 27W)

SEX

: FEMALE

		Group Name No. of Animals on Study	25	Contr	ol		•	67p _t 25	pm			25	200pp	m			25	600p	pm
rgan	Findings	Grade 1+		3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	-	2+ (%)	3+ (%)	4+ (%)	1 (%	+	2+ (%)	3+ (%)	4+ (%)
Hematopoieti	c system)			-			•												
pleen	atrophy	0 (0)	<25 0 (0) (0	0 (0)	0 (0)	(2 0 (0)	25> 0 (0)	0 (0)	0 (0)	(<25 0 0) () 0 0)	0 (0)	1 (4) (·	<25 0 0) (6> 0 (0)	0 (0)
	deposit of melanin	2 (8)	(0) (0 (0)	0 (0)	3 (12)	0 (0)	0 (0)	0 (0)	2 (8)	(0 0) (0	0 (·0)	4 (16	0 (0 0) (0 (0)	0 (0)
	extramedullary hematopoiesis	6 (24)	0 (0) (0 (0)	0 (0)	5 (20)	0 (0)	0 (0)	0 (0)	7 (28)		0 0) (1 4)	0 (0)	3 (12) (0 0) (0 (0)	0 (0)
Digestive sy	stem}																		
alivary gi	lymphocytic infiltration	3 (12)	<25 0 (0) (0 (0)	2 (8)	<2 0 (0)	25> 0 (0)	0 (0)	0 (0)	(<25) 0 0) (0 0) (0 (0)	1 (4) (<25 0 0) (0 (0)	0 (0)
tomach	ulcer:forestomach	0 (0)	<25 0 (0) (0	0 (0)	0 (0)	<2 0 (0)	25> 0 (0)	0 (0)	. 0	(<25) 0 0) (0 0) (0 (0)	1 (4) (<25 0 0) (0 (0)	0 (0)
i.	hyperplasia:glandular stomach	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)

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

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

REPORT TYPE : A1 SEX

FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0- 27W)

		Group Name No. of Animals on Stud	lv.	25	Contro	ol				25	67ppm				25	200p	pm			2	600p	mqc
rgan	Findings	Grade	1+ (%)	2+ (%)	3+ (%)	4+ (%)	٠	1+ (%)	(%	2+	3+ (%)	4+ (%)		1+ (%)	2+ (%)	3+ (%)	4+ (%)		1+ (%)	2+ (%)	3+ (%)	4 (%
Digestive sys	etem}														٠							
stomach	squamous cell hyperplasia:forestomach		0 0) (<25 0 0) (0	0 (0)		1 (4)	(0	<25>))) (0 (0 0)	(0 0) (<25 0 0)		0 (0)	(2 8)	<2 1 (4)	5> 0 (0)	0 (0
mall intes	inflammatory infiltration		0 0) (<25 1 4) (0	0 (0)	-	0 (0)	0	<25>))) (0 0) (0	(0 0) (<25 0 0)	6> 0 (0)	0 (0)	(0 0)	<2 0 (0)	5> 0 (0)	0 (0
iver	necrosis:central ·	(0 0) (<25 0 0) (> 0 0)	0 (0)		0 (0)	(0	<25>))) (0 0) (0 0)	(1 4) ((25 0 0)	5> 0 (0)	0 · (0)	(0	<2 0 (0)	5> 0 (0)	0 (0)
٠,	necrosis:focal	(1 4) (0 0) (0 0)	0 (0)		1 (4)	(0))) (0 0) (0 0)	. (1 4) (0	0 (0)	0 (0)	(1 4)	0 (0)	0 (0)	(0
	degeneration:central	, (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
	inflammatory cell nest		1 4) (0 0) (0	0 (0)		2 (8)	(0)) (0 0) (0 0)	(1 4) (0	0 (0)	0 (0)	(1 4)	0 (0)	0 (0)	(0
	extramedullary hematopoiesis	(0 0) (0 0) (0	0 (0)		1 (4)	(0)) (0 0) (0 0)	(2 8) (0 (0)	0 (0)	0 (0)	(2 8)	0 (0)	0 (0)	0

< a >

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

b

c:b/a * 100

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

(HPT150)

BAIS6

ANIMAL : Jic:CB6F1-Tg rasH2@Jc!

REPORT TYPE : A1 SEX

FEMALE

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0- 27W)

	-	Group Name No. of Animals on Study	Contr 25	ol		25	67ррп	n		2	200pj	om	• ,		25	600p	pm
rgan	Findings	Grade 1	+ 2+ 3+	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)		1+ %) 	2+ (%)	3+ (%)	4+ (%)
Digestive sy	ystem}																
iver	focus of cellular alteration	1 (4	<25> 0 0 0 (0) (0)	0 (0)	0 (0)	<25 0 (0) (0 (0)	1 (4) (<2 0 0)	5> 0 (0)	0 (0)	(1 4) (<25 0 0) (0 0	0 (0)
ancreas	islet cell hyperplasia	1 (4	<25> 0 0) (0) (0)	0 (0)	0 (0)	<25 0 (0) () 0 0) (0 (0)	0 (0) (<2 0 0)	0	0 (0)	. (0 0) (<25 0 0) (0 (0)	0 (0)
Jrinary syst	cem}																
dney	tubular necrosis	. 0	<25> 0 0 0 (0) (0)	0 (0)	0 (0)	<25 0 0 (> 0 0) (0 (0)	0 ,(0) ,	<2 0 0)	5> 0 (0)	0 (0)		1 4) (<25 0 0) (> 0 0)	0 (0)
-	regeneration:renal tubule	0 (0)	0 0	0 (0)	1 (4)	0 (0 0) (0 (0)	1 (4) (·0 0)	0 (0)	0 (0)	() ()	0 0) (0 0)	0 (0)
	eosinophilic droplet:proximal tubule	. (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)
rin bladd	inflammation	0 (0)	<25> 0 0 0 (0) (0)	0 (0)	0 (0)	<25; 1 (4) (0	0 (0)	0 (0) (<2 0 0)	0	0 (0)) ()	<25 0 0) () 0 0)	0 (0)
a > b c)	1+: Slight 2+: Moderate 3+ a: Number of animals examined at the s b: Number of animals with lesion c: b / a * 100 lifference: *: P ≤ 0.05 **: P:							<u>. </u>									

(HPT150)

ANIMAL : Jic:CB6F1-Tg rasH2@Jcl

REPORT TYPE: A1

: FEMALE

HISTOPATHOLOGICAL FINDINGS : NON-NEOPLASTIC LESIONS (SUMMARY)

ALL ANIMALS (0- 27W)

SEX PAGE: 12 Group Name Control 67ppm 200ppm 600ppm No. of Animals on Study 25 Grade 3+ 3+ Findings_ (%) (%) (%) {Urinary system} urin bladd <25> <25> simple hyperplasia:transitional epithelium 0 1 0 (0)(0)(0)(0) (0)(4)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) [Reproductive system] uterus cystic endometrial hyperplasia (76) (0) (0) (0) (76) (0) (0) (0) (96) (0) (0) (0) (76) (0) (0) (0) [Special sense organs/appendage] Harder gl <25> hyperplasia 0 0 1 0 0 0 Ð (0)(4)(0)(0) (0)(0)(0)(0) (4)(0)(0)(0) (0)(0)(0)(0) {Body cavities} pleura mesothelial hyperplasia 0 0 0 0 0 0 0 0 (4) (0) (0) (0) (0)(0)(0)(0) (0)(0)(0)(0) (0)(0)(0)(0) Grade 1+ : Slight 2+ : Moderate 3+ : Marked 4+ : Severe < a > a: Number of animals examined at the site b b: Number of animals with lesion (c) c:b/a * 100 Significant difference : $*: P \le 0.05$ **: $P \le 0.01$ Test of Chi Square

(HPT150)

TABLE Q1

CAUSE OF DEATH: MALE

STUDY NO. : 0886 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl SEX : MALE

COUSE OF DEATH (SUMMARY) (0- 27W)

Group Name .	Control	67ppm	200ppm	600ppm	 	
Number of Dead and Moribund Animal	0	0	4	1		
tumor d:leukemia	0	0		0	 	
tumor disubcutis	0	0	Ō	1	•	
tumor d:spleen	0	Ō	i	'n		
tumor dioral cavity	0	Ò	i	0	•	

BAIS6

TABLE Q2

CAUSE OF DEATH: FEMALE

STUDY NO. : 0886
ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
SEX : FEMALE

COUSE OF DEATH (SUMMARY) (0- 27W)

Group Name	Control	67ррш	200ррт	600ppm	 				<u> </u>
Number of Dead and Moribund Animal	2	1	1	6		· <u>.</u>		· · ·	
no microscop confirm	0	0	0	2	 		 .		
hematopoietic sy les	0	ō.	ů	1					
tumor d:leukemia	1	Ö	Ď	3					
tumor d:bone marrow	1	Ď	ñ	ñ					
tumor d:spleen	0	i	ñ	n					
tumor d:vagina	ñ	'n	1	0					

BAIS6