

ブチルアルデヒドの rasH2 マウスを用いた  
吸入による中期発がん性試験報告書

試験番号 : 0919

# APPENDICES

## APPENDICES

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<INDIVIDUAL DATA (APPENDIX 4-1~14-2) : ATTACHED CD>

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APPENDIX 4-2 CLINICAL OBSERVATION (INDIVIDUAL) : FEMALE

APPENDIX 5-1 BODY WEIGHT CHANGES (INDIVIDUAL) : MALE

APPENDIX 5-2 BODY WEIGHT CHANGES (INDIVIDUAL) : FEMALE

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APPENDIX 1-1

IDENTITY OF BUTYRALDEHYDE

## IDENTITY OF BUTYRALDEHYDE

Test Substance : Butyraldehyde (Wako Pure Chemical Industries, Ltd.)

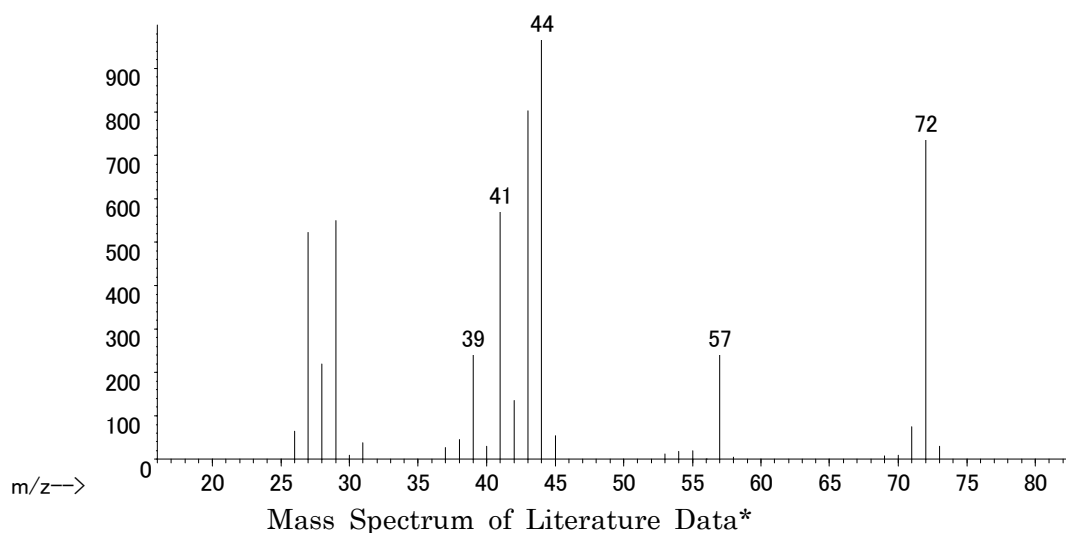
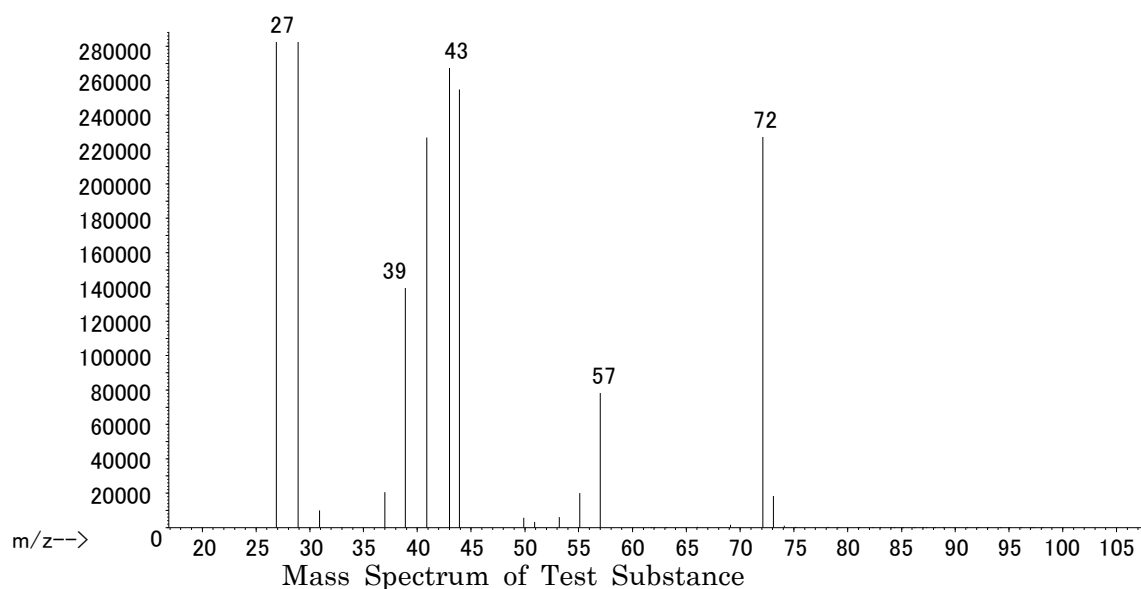
A : Lot No. : APJ5267

## 1. Mass Spectrometry

Instrument : Agilent Technologies 5973N Mass Spectrometer

Ionization : EI (Electron Ionization)

Ionization Voltage : 70 eV



Result: The mass spectrum was consistent with literature spectrum.

(\*McLafferty FW, ed. 1994. Wiley Registry of Mass Spectral Data. 6th ed. New York, NY:John Wiley and Sons.)

2. Conclusion: The test substance was identified as butyraldehyde by mass spectrum.

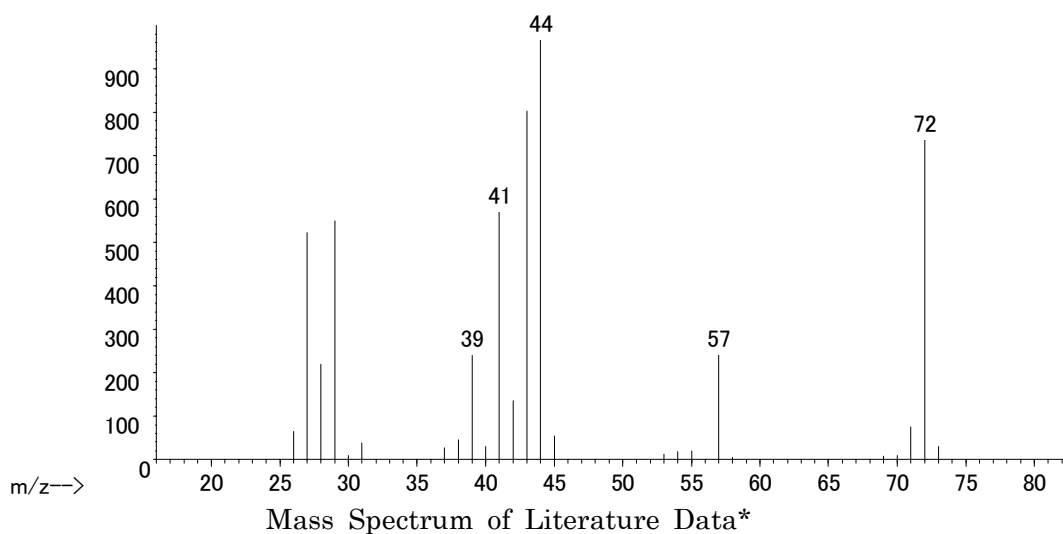
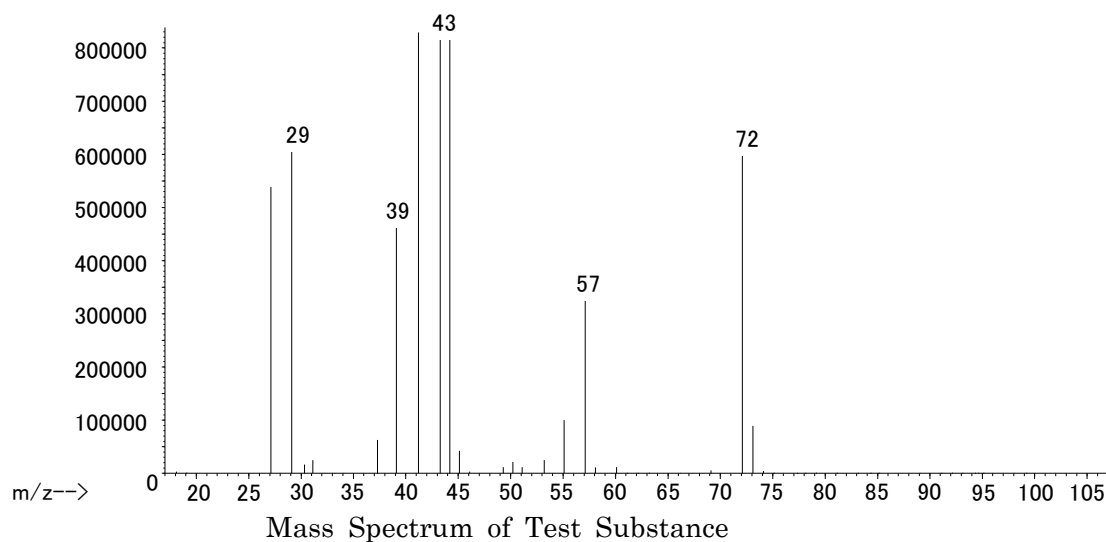
B : Lot No. : KCP5953

### 1. Mass Spectrometry

Instrument : Agilent Technologies 5973N Mass Spectrometer

Ionization : EI (Electron Ionization)

Ionization Voltage : 70 eV



Result: The mass spectrum was consistent with literature spectrum.

(\*McLafferty FW, ed. 1994. Wiley Registry of Mass Spectral Data. 6th ed. New York, NY:John Wiley and Sons.)

2. Conclusion: The test substance was identified as butyraldehyde by mass spectrum.

APPENDIX 1-2

STABILITY OF BUTYRALDEHYDE

## STABILITY OF BUTYRALDEHYDE

Test Substance : Butyraldehyde (Wako Pure Chemical Industries, Ltd.)

A : Lot No. : APJ5267

## 1. Gas Chromatography

Instrument : Agilent Technologies 5890A Gas Chromatograph

Column : INNOWAX (0.53 mm  $\phi$   $\times$  60 m)

Column Temperature : 75°C

Flow Rate : 5 mL/min

Detector : FID (Flame Ionization Detector)

Injection Volume : 1  $\mu$ L

Date Analyzed	Peak No.	Retention Time (min)	Area (%)
2019.01.28	1	4.362	100
2019.04.19	1	4.330	100

Result: Gas chromatography indicated one major peak (peak No.1) analyzed on 2019.1.28 and one major peak (peak No.1) analyzed on 2019.4.19. No new trace impurity peak in the test substance analyzed on 2019.4.19 was detected.

2. Conclusion: The test substance was stable for the period that the test substance had been used for the study.



B : Lot No. : KCP5953

1. Gas Chromatography

Instrument : Agilent Technologies 5890A Gas Chromatograph

Column : INNOWAX (0.53 mm  $\phi$   $\times$  60 m)

Column Temperature : 75°C

Flow Rate : 5 mL/min

Detector : FID (Flame Ionization Detector)

Injection Volume : 1  $\mu$ L

Date Analyzed	Peak No.	Retention Time (min)	Area (%)
2019.04.18	1	4.339	100
2019.08.07	1	4.392	100

Result: Gas chromatography indicated one major peak (peak No.1) analyzed on 2019.4.18 and one major peak (peak No.1) analyzed on 2019.8.7. No new trace impurity peak in the test substance analyzed on 2019.8.7 was detected.

2. Conclusion: The test substance was stable for the period that the test substance had been used for the study.

## APPENDIX 2

### ENVIRONMENTAL CONDITIONS OF INHALATION CHAMBER

## ENVIRONMENTAL CONDITIONS OF INHALATION CHAMBER

Group Name	Temperature	Humidity	During exposure time		Out of exposure time	
	(°C) Mean ± S.D.	(%) Mean ± S.D.	Ventilation Rate Mean ± S.D.	Air Change (time/h) Mean	Ventilation Rate Mean ± S.D.	Air Change (time/h) Mean
Control	23.0 ± 0.1	54.7 ± 0.5	390.6 ± 1.7	6.0	777.7 ± 4.9	12.0
300 ppm	22.9 ± 0.0	53.9 ± 0.4	390.7 ± 1.7	6.0	776.8 ± 4.1	12.0
1,000 ppm	23.0 ± 0.0	53.0 ± 0.5	392.1 ± 1.6	6.0	776.8 ± 3.4	12.0
3,000 ppm	23.0 ± 0.1	52.9 ± 0.8	391.7 ± 1.6	6.0	779.0 ± 3.9	12.0

## APPENDIX 3

### METHODS, UNITS AND DECIMAL PLACE FOR HEMATOLOGY AND BIOCHEMISTRY

METHODS, UNITS AND DECIMAL PLACE FOR HEMATOLOGY AND BIOCHEMISTRY  
IN

Item	Method	Unit	Decimal place
<b>Hematology</b>			
Red blood cell (RBC)	Hydrodynamically focussed DC detection method <sup>1)</sup>	$\times 10^6/\mu\text{L}$	2
Hemoglobin(Hgb)	SLS-Hemoglobin method <sup>1)</sup>	g/dL	1
Hematocrit(Hct)	Hydrodynamically focussed DC detection method <sup>1)</sup>	%	1
Mean corpuscular volume(MCV)	Calculated as $\text{Hct}/\text{RBC} \times 10^{11}$	fL	1
Mean corpuscular hemoglobin(MCH)	Calculated as $\text{Hgb}/\text{RBC} \times 10^{11}$	pg	1
Mean corpuscular hemoglobin concentration (MCHC)	Calculated as $\text{Hgb}/\text{Hct} \times 100^{11}$	g/dL	1
Platelet	Hydrodynamically focussed DC detection method <sup>1)</sup>	$\times 10^3/\mu\text{L}$	0
Reticulocyte	Flow cytometry method using semiconductor laser <sup>1)</sup>	%	1
White blood cell(WBC)	Flow cytometry method using semiconductor laser <sup>1)</sup>	$\times 10^3/\mu\text{L}$	2
Differential WBC	Flow cytometry method using semiconductor laser <sup>1)</sup>	%	1
<b>Biochemistry</b>			
Total protein(TP)	Biuret method <sup>2)</sup>	g/dL	1
Albumin (Alb)	BCG method <sup>2)</sup>	g/dL	1
A/G ratio	Calculated as $\text{Alb}/(\text{TP} - \text{Alb})^{2)}$	—	1
T-bilirubin	BOD method <sup>2)</sup>	mg/dL	2
Glucose	GlcK·G-6-PDH method <sup>2)</sup>	mg/dL	0
T-cholesterol	CE·COD·POD method <sup>2)</sup>	mg/dL	0
Triglyceride	MGLP·GK·GPO·POD method <sup>2)</sup>	mg/dL	0
Phospholipid	PLD·ChOD·POD method <sup>2)</sup>	mg/dL	0
Aspartate aminotransferase (AST)	JSCC method <sup>2)</sup>	U/L	0
Alanine aminotransferase (ALT)	JSCC method <sup>2)</sup>	U/L	0
Lactate dehydrogenase (LDH)	JSCC method <sup>2)</sup>	U/L	0
Alkaline phosphatase (ALP)	JSCC method <sup>2)</sup>	U/L	0
$\gamma$ -Glutamyl transpeptidase ( $\gamma$ -GTP)	JSCC method <sup>2)</sup>	U/L	1
Creatine kinase (CK)	JSCC method <sup>2)</sup>	U/L	0
Urea nitrogen	Urease·GLDH method <sup>2)</sup>	mg/dL	1
Sodium	Ion selective electrode method <sup>2)</sup>	mEq/L	0
Potassium	Ion selective electrode method <sup>2)</sup>	mEq/L	1
Chloride	Ion selective electrode method <sup>2)</sup>	mEq/L	0
Calcium	OCPC method <sup>2)</sup>	mg/dL	1
Inorganic phosphorus	PNP·XOD·POD method <sup>2)</sup>	mg/dL	1

1) Automated Hematology Analyzer (XN-2000V : Sysmex Corporation)

2) Automatic analyzer (Hitachi 7180 : Hitachi High-Tech Corporation)

APPENDIX 4-1

CLINICAL OBSERVATION (INDIVIDUAL) : MALE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
1001	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1002	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1003	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1004	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1005	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1006	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1007	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1008	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1009	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1010	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1011	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1012	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1013	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1014	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1015	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1016	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1017	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1018	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1019	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1020	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
1001	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1002	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1003	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1004	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1005	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1006	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1007	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1008	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1009	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1010	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1011	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1012	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1013	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1014	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1015	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1016	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1017	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1018	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1019	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1020	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
1001	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1002	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1003	NON REMARKABLE	NON REMARKABLE	DEAD ( 17-4)	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD
1004	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1005	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1006	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1007	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1008	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1009	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1010	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1011	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1012	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1013	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1014	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1015	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1016	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1017	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1018	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1019	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1020	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name Control

PAGE : 4

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
1001	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1002	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1003	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD
1004	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1005	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1006	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1007	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1008	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1009	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1010	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1011	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1012	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1013	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1014	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1015	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1016	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1017	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1018	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	IRREGULAR BREATHING
1019	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1020	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
1021	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1022	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1023	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1024	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1025	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
1021	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1022	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1023	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1024	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1025	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
1021	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1022	NON REMARKABLE	DEAD ( 16-4)	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD
1023	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1024	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1025	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
1021	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1022	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD
1023	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1024	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1025	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE            Group Name            300 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
1101	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1102	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1103	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1104	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1105	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1106	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1107	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1108	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1109	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1110	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1111	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1112	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1113	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1114	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1115	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1116	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1117	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1118	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1119	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1120	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE                      Group Name                      300 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
1101	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1102	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1103	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1104	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1105	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1106	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1107	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1108	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1109	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1110	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1111	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1112	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1113	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1114	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1115	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1116	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1117	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1118	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1119	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1120	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE



STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE                      Group Name                      300 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
1101	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1102	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1103	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1104	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1105	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1106	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1107	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1108	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1109	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1110	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1111	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1112	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1113	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1114	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1115	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1116	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1117	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1118	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1119	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1120	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE                      Group Name                      300 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
1101	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1102	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1103	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1104	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1105	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1106	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1107	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1108	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1109	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1110	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1111	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1112	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1113	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1114	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1115	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1116	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1117	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1118	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1119	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1120	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE            Group Name            300 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
1121	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1122	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1123	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1124	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1125	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

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STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE            Group Name            300 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
1121	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1122	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1123	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1124	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1125	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 300 ppm

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
1121	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1122	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1123	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1124	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1125	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 300 ppm

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
1121	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1122	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1123	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1124	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1125	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 1000 ppm

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
1201	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1202	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1203	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1204	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1205	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1206	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1207	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1208	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1209	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1210	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1211	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1212	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1213	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1214	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1215	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1216	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1217	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1218	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1219	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1220	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 1000 ppm

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
1201	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1202	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1203	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1204	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1205	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1206	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1207	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1208	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1209	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1210	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1211	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1212	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1213	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1214	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1215	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1216	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1217	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1218	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1219	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1220	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE



STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 1000 ppm

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
1201	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1202	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1203	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1204	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1205	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1206	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1207	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1208	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1209	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1210	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1211	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1212	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1213	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1214	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1215	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1216	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1217	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1218	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1219	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1220	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 1000 ppm

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
1201	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1202	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1203	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1204	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1205	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1206	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1207	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1208	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1209	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1210	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1211	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1212	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1213	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1214	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1215	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1216	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1217	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1218	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1219	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1220	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 1000 ppm

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
1221	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1222	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1223	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1224	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1225	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE            Group Name            1000 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
1221	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1222	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1223	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1224	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1225	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 1000 ppm

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
1221	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1222	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1223	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1224	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1225	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 1000 ppm

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
1221	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1222	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1223	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1224	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1225	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name 3000 ppm

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
1301	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1302	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1303	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1304	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1305	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1306	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1307	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1308	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1309	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1310	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1311	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1312	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1313	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1314	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1315	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1316	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1317	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1318	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1319	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1320	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name 3000 ppm

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
1301	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1302	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1303	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1304	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1305	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1306	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1307	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1308	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1309	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1310	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1311	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1312	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1313	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1314	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1315	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1316	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1317	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1318	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1319	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1320	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE



STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

Group Name 3000 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
1301	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1302	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1303	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1304	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1305	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1306	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1307	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1308	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1309	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1310	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1311	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1312	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1313	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1314	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1315	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1316	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1317	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1318	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1319	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1320	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

Group Name 3000 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
1301	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1302	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1303	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1304	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1305	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1306	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1307	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1308	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1309	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1310	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1311	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1312	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1313	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1314	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1315	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1316	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1317	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1318	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1319	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1320	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE            Group Name            3000 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
1321	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1322	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1323	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1324	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1325	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : MALE            Group Name            3000 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
1321	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1322	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1323	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1324	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1325	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 3000 ppm

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
1321	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1322	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1323	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1324	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1325	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : MALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 3000 ppm

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
1321	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1322	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	EXTERNAL MASS M. ABDOMEN 3c	EXTERNAL MASS M. ABDOMEN 3c
1323	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1324	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
1325	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

**APPENDIX 4-2**

**CLINICAL OBSERVATION (INDIVIDUAL) : FEMALE**

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
2001	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2002	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2003	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2004	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2005	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2006	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2007	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2008	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2009	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2010	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2011	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2012	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2013	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2014	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2015	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2016	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2017	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2018	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2019	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2020	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
2001	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2002	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2003	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2004	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2005	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2006	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2007	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2008	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2009	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2010	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2011	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2012	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2013	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2014	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2015	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2016	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2017	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2018	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2019	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2020	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
2001	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2002	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2003	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2004	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2005	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2006	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2007	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2008	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2009	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2010	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2011	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2012	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2013	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2014	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2015	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2016	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2017	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2018	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2019	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2020	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
2001	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2002	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2003	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2004	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2005	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2006	NON REMARKABLE	NON REMARKABLE	DEAD ( 24-4)	ALREADY DEAD	ALREADY DEAD
2007	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2008	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2009	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2010	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2011	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2012	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2013	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2014	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2015	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2016	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2017	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2018	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2019	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2020	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
2021	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2022	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2023	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2024	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2025	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
2021	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2022	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2023	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2024	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2025	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
2021	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2022	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2023	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2024	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2025	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name Control

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
2021	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2022	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2023	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2024	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2025	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE

Group Name 300 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
2101	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2102	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2103	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2104	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2105	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2106	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2107	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2108	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2109	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2110	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2111	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2112	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2113	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2114	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2115	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2116	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2117	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2118	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2119	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2120	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name 300 ppm

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
2101	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2102	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2103	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2104	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2105	DEAD ( 8-2)	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD
2106	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2107	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2108	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2109	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2110	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2111	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2112	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2113	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2114	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2115	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2116	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2117	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2118	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2119	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2120	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name 300 ppm

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
2101	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2102	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2103	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2104	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2105	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD
2106	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2107	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2108	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2109	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2110	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2111	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2112	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2113	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2114	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2115	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2116	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2117	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2118	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2119	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2120	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE            Group Name            300 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
2101	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2102	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2103	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2104	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2105	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD
2106	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2107	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2108	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2109	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2110	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2111	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2112	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2113	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2114	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2115	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2116	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2117	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2118	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2119	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2120	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE            Group Name            300 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
2121	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2122	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2123	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2124	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2125	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

(HAN230)

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STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE            Group Name            300 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
2121	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2122	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2123	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2124	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2125	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

(HAN230)

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name 300 ppm

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
2121	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2122	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2123	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2124	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2125	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	INTERNAL MASS	DEAD ( 21-3)

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE            Group Name            300 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
2121	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2122	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2123	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2124	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2125	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD

(HAN230)

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 1000 ppm

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
2201	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2202	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2203	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2204	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2205	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2206	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2207	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2208	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2209	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2210	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2211	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2212	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2213	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2214	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2215	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2216	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2217	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2218	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2219	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2220	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name 1000 ppm

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
2201	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2202	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2203	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2204	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2205	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2206	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2207	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2208	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2209	NON REMARKABLE	DEEP BREATHING	DEAD ( 10-2)	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD
2210	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2211	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2212	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2213	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2214	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2215	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2216	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2217	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2218	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2219	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2220	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name 1000 ppm

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
2201	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2202	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2203	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2204	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2205	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2206	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2207	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2208	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2209	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD
2210	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2211	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2212	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2213	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2214	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2215	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2216	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2217	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2218	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2219	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2220	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name 1000 ppm

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
2201	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2202	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2203	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2204	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2205	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2206	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2207	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2208	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2209	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD	ALREADY DEAD
2210	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2211	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2212	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2213	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	IRREGULAR BREATHING
2214	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2215	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2216	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2217	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2218	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2219	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2220	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE      Group Name      1000 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
2221	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2222	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2223	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2224	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2225	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

(HAN230)

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE            Group Name            1000 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
2221	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2222	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2223	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2224	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2225	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

(HAN230)

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE            Group Name            1000 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
2221	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2222	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2223	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2224	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2225	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE            Group Name            1000 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
2221	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2222	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2223	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2224	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2225	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 3000 ppm

Animal ID-NO.	Administration	Week-day					
	1- 7	2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
2301	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2302	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2303	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2304	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2305	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2306	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2307	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2308	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2309	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2310	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2311	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2312	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2313	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2314	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2315	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2316	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2317	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2318	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2319	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2320	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1 26  
 SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
 ALL ANIMALS

Group Name 3000 ppm

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
2301	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2302	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2303	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2304	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2305	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2306	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2307	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2308	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2309	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2310	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2311	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2312	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2313	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2314	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2315	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2316	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2317	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2318	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2319	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2320	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 3000 ppm

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
2301	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2302	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2303	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2304	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2305	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2306	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2307	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2308	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2309	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2310	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2311	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2312	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2313	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2314	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2315	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2316	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2317	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2318	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2319	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2320	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE

Group Name 3000 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
2301	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2302	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2303	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2304	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2305	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2306	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2307	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2308	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2309	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2310	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2311	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2312	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2313	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2314	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2315	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2316	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2317	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2318	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2319	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2320	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE      Group Name      3000 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 1- 7	Week-day 2- 7	3- 7	4- 7	5- 7	6- 7	7- 7
2321	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2322	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2323	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2324	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2325	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

(HAN230)

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE

Group Name 3000 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 8- 7	Week-day 9- 7	10- 7	11- 7	12- 7	13- 7	14- 7
2321	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2322	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2323	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2324	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2325	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

(HAN230)

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Group Name 3000 ppm

Animal ID-NO.	Administration 15- 7	Week-day 16- 7	17- 7	18- 7	19- 7	20- 7	21- 7
2321	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2322	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2323	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2324	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2325	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

(HAN230)

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1 26  
SEX : FEMALE

Group Name 3000 ppm

CLINICAL OBSERVATION (TIME-RELATED)  
ALL ANIMALS

Animal ID-NO.	Administration 22- 7	Week-day 23- 7	24- 7	25- 7	26- 7
2321	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2322	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2323	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2324	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE
2325	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE	NON REMARKABLE

APPENDIX 5-1

BODY WHIGHT CHANGES (INDIVIDUAL) : MALE



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day							
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	
Control	1001	26.2	25.7	27.1	28.0	29.4	28.7	29.7	
	1002	25.5	26.2	26.9	27.9	28.7	28.3	29.1	
	1003	26.4	26.7	27.9	27.5	28.0	28.6	29.8	
	1004	23.1	24.5	25.1	26.0	26.7	27.2	26.8	
	1005	24.7	25.1	26.0	26.4	26.5	27.0	28.0	
	1006	22.6	23.2	24.5	24.9	25.5	26.5	26.2	
	1007	25.6	26.1	26.5	27.3	28.6	29.0	30.7	
	1008	26.1	25.6	26.9	28.4	29.5	29.7	31.0	
	1009	24.9	24.6	26.6	27.3	29.3	29.0	29.0	
	1010	24.0	26.1	27.0	27.7	27.2	29.8	29.4	
	1011	25.3	25.3	25.7	26.2	27.3	27.6	28.4	
	1012	24.0	25.2	25.4	26.3	26.8	28.4	28.3	
	1013	26.0	25.9	27.0	27.7	28.8	30.0	30.0	
	1014	24.9	24.8	26.5	27.0	28.0	28.7	29.3	
	1015	25.1	25.3	25.9	26.7	28.3	29.0	29.5	
	1016	25.1	24.4	24.8	25.7	27.0	27.5	27.5	
	1017	22.6	22.2	23.7	24.6	25.4	26.7	27.9	
	1018	27.1	28.3	29.1	30.3	29.7	30.4	32.2	
	1019	25.3	26.0	26.3	26.3	26.5	26.9	27.4	
	1020	24.7	25.1	25.3	26.4	26.4	27.4	28.1	
	1021	24.3	24.0	25.2	25.8	25.9	26.6	26.7	
	1022	25.7	26.1	25.7	27.3	28.0	29.3	30.5	
	1023	26.8	27.0	27.2	27.2	28.9	30.3	30.9	
	1024	24.6	25.8	27.4	28.4	28.4	29.9	30.1	
	1025	23.6	23.7	23.6	24.6	25.1	25.7	26.1	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day						
		7-7	8-7	9-7	10-7	11-7	12-7	13-7
Control	1001	29.5	30.6	30.4	30.5	30.9	32.2	33.1
	1002	29.5	29.6	30.3	29.7	30.5	31.6	30.8
	1003	29.3	28.9	30.3	32.3	31.0	31.2	30.5
	1004	27.1	28.7	29.4	30.6	31.2	30.2	30.5
	1005	28.0	28.5	28.6	29.3	30.4	30.5	31.0
	1006	26.5	28.2	27.9	27.5	26.9	27.4	26.6
	1007	30.3	31.1	31.0	31.2	31.7	33.7	33.2
	1008	31.6	31.5	31.6	31.8	32.3	33.6	33.2
	1009	30.4	30.7	31.1	31.6	30.2	31.4	31.3
	1010	29.4	30.4	30.1	29.3	29.4	31.7	30.6
	1011	28.5	29.7	30.5	29.8	30.3	30.8	30.9
	1012	28.5	28.5	29.2	28.8	29.4	29.6	30.8
	1013	30.6	32.0	32.6	33.5	33.9	34.9	34.2
	1014	30.0	30.5	30.0	30.6	30.8	32.0	33.2
	1015	31.0	32.0	33.6	34.1	33.8	35.6	36.4
	1016	28.5	29.0	28.8	28.7	28.7	29.4	29.5
	1017	26.6	27.6	28.6	28.3	29.6	29.3	30.1
	1018	31.6	34.1	33.0	33.7	32.9	32.9	33.1
	1019	28.0	28.2	28.5	28.1	28.4	28.9	29.0
	1020	27.9	29.1	29.1	29.3	29.1	29.4	29.3
	1021	26.8	27.8	27.9	28.6	28.5	29.1	29.6
	1022	28.8	30.5	31.8	32.0	32.7	31.8	31.3
	1023	32.4	32.0	32.5	33.7	34.8	34.3	35.4
	1024	30.2	31.0	31.3	32.7	32.8	33.6	33.9
	1025	26.0	26.3	26.7	26.4	26.7	29.2	28.0

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day							
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	
Control	1001	31.7	32.3	33.1	33.5	34.5	33.8	33.6	
	1002	31.8	32.2	31.7	32.4	32.1	32.8	32.4	
	1003	31.3	31.9	32.8					
	1004	31.6	31.5	30.3	30.5	30.4	30.0	30.3	
	1005	30.8	30.8	30.4	30.6	31.3	31.5	31.5	
	1006	26.7	28.2	27.2	27.5	29.1	27.8	27.4	
	1007	33.3	33.4	32.6	33.7	34.2	34.3	35.0	
	1008	33.7	33.2	33.8	34.8	35.0	35.0	34.3	
	1009	31.4	31.8	32.0	31.9	32.0	32.5	31.7	
	1010	30.4	31.9	31.9	32.0	31.6	32.7	32.7	
	1011	31.1	31.3	32.4	32.3	33.0	32.7	33.0	
	1012	30.4	31.1	29.7	30.2	29.9	30.7	30.2	
	1013	34.3	33.8	34.7	34.8	35.6	35.6	36.1	
	1014	31.7	32.1	32.5	32.4	33.0	32.9	33.7	
	1015	37.4	37.2	37.4	38.0	38.7	37.8	37.2	
	1016	29.9	30.3	29.7	31.1	30.7	30.2	30.7	
	1017	28.8	29.2	30.8	29.5	30.4	30.1	29.7	
	1018	33.4	33.5	34.0	35.2	35.5	33.6	34.3	
	1019	29.6	30.3	29.9	29.7	30.5	30.8	31.3	
	1020	30.7	30.4	29.6	31.2	30.6	30.5	31.0	
	1021	29.2	29.3	30.0	29.6	30.2	30.1	29.7	
	1022	31.8	33.2						
	1023	36.2	35.4	35.0	35.2	36.8	36.6	37.3	
	1024	34.7	34.2	34.7	34.4	34.6	34.5	34.2	
	1025	27.4	27.5	27.7	28.3	27.9	27.6	27.3	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day					26-7
		21-7	22-7	23-7	24-7	25-7	
Control	1001	34.0	35.2	33.3	35.5	35.0	35.9
	1002	33.5	34.4	33.7	34.9	35.1	35.1
	1003						
	1004	31.5	32.5	32.0	32.2	31.6	32.0
	1005	31.4	31.3	31.4	32.6	31.5	31.5
	1006	27.3	27.7	28.3	30.4	29.0	28.8
	1007	35.0	34.8	34.8	34.3	34.2	35.2
	1008	34.1	33.4	33.7	34.3	35.6	35.2
	1009	32.3	32.0	32.3	33.2	33.8	33.0
	1010	33.0	32.4	32.2	33.5	32.3	33.6
	1011	33.1	33.6	33.6	33.9	34.1	33.9
	1012	30.7	30.8	31.6	31.2	31.6	32.0
	1013	35.3	36.0	36.4	37.8	36.3	36.8
	1014	33.2	33.9	33.7	31.2	33.2	33.1
	1015	37.9	38.3	39.8	40.5	40.9	41.1
	1016	30.5	30.5	30.5	31.2	32.1	31.8
	1017	29.8	29.7	30.6	29.5	30.8	30.2
	1018	35.5	35.2	35.2	35.8	32.7	26.6
	1019	30.7	31.5	31.6	32.5	32.5	31.4
	1020	31.6	31.5	32.4	32.1	32.4	33.5
	1021	29.8	30.0	30.1	30.4	31.6	32.0
	1022						
	1023	38.5	38.6	38.7	38.5	40.1	39.7
	1024	34.7	35.0	35.1	34.5	34.2	34.9
	1025	27.9	27.3	27.4	28.2	28.4	29.2

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day							
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	
300 ppm	1101	24.5	25.5	25.2	25.1	25.8	26.3	27.2	
	1102	25.7	25.7	27.2	27.6	28.4	29.5	30.7	
	1103	25.4	26.3	26.7	26.7	27.8	28.4	28.8	
	1104	22.9	23.2	23.9	24.4	24.3	25.3	25.5	
	1105	25.6	26.3	27.2	28.0	28.0	28.9	29.7	
	1106	25.1	25.3	25.8	25.3	26.1	27.5	27.8	
	1107	27.0	27.2	28.0	29.0	29.9	30.0	31.2	
	1108	25.1	25.7	26.4	26.3	27.5	28.1	29.1	
	1109	26.5	27.8	27.7	27.9	27.6	28.2	28.4	
	1110	25.0	25.0	25.8	26.4	26.3	27.2	27.5	
	1111	25.9	26.9	27.6	27.6	28.0	28.9	29.3	
	1112	25.3	26.1	26.3	26.9	27.4	27.9	27.9	
	1113	25.5	25.1	26.0	25.1	24.9	26.5	26.9	
	1114	24.8	26.3	27.7	26.8	28.1	30.0	30.6	
	1115	26.0	25.5	26.3	27.4	28.2	29.1	29.4	
1116	26.2	26.9	27.8	28.4	28.7	30.0	30.2		
1117	22.7	24.4	23.6	23.6	24.8	26.7	27.9		
1118	24.2	25.5	24.3	25.4	26.0	26.9	28.3		
1119	24.7	24.6	25.5	25.6	26.3	26.2	27.0		
1120	23.9	24.8	24.5	25.2	24.4	25.4	25.8		
1121	26.9	25.8	25.8	26.4	26.3	27.0	27.6		
1122	23.7	24.0	23.3	23.8	25.4	25.0	26.0		
1123	22.5	22.6	24.6	25.9	26.1	27.4	27.1		
1124	24.3	24.4	25.4	24.9	25.5	26.0	26.9		
1125	24.7	24.6	25.3	26.8	26.8	27.0	28.0		

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day						
		7-7	8-7	9-7	10-7	11-7	12-7	13-7
300 ppm	1101	26.5	26.9	26.8	28.0	28.7	29.2	28.6
	1102	30.7	31.7	30.7	31.4	31.6	31.7	32.4
	1103	29.2	30.1	30.7	32.0	31.6	33.4	32.9
	1104	26.2	26.8	27.3	26.2	27.1	26.8	27.1
	1105	30.0	30.2	30.3	30.7	31.1	31.2	31.7
	1106	28.3	29.0	30.4	30.7	30.1	31.1	30.4
	1107	31.9	31.7	31.6	32.4	31.3	32.4	32.3
	1108	29.5	30.7	31.4	31.5	32.0	32.1	32.4
	1109	29.0	29.2	30.1	29.8	29.9	29.9	29.5
	1110	28.5	27.5	28.1	28.2	27.9	29.4	28.5
	1111	29.0	29.7	29.4	29.5	29.8	31.0	31.6
	1112	28.2	29.5	28.9	29.4	29.3	30.3	31.2
	1113	26.0	27.4	27.0	27.1	27.7	29.6	28.2
	1114	30.3	29.9	30.0	29.6	29.5	32.0	31.3
	1115	30.2	30.7	30.8	31.9	31.6	32.2	34.5
1116	31.0	31.4	32.2	32.7	33.2	33.8	34.0	
1117	26.2	26.3	27.3	27.9	27.5	28.9	28.5	
1118	28.3	28.2	28.0	29.0	28.4	29.1	29.5	
1119	27.4	28.3	28.0	28.5	29.2	29.2	30.1	
1120	26.8	26.8	26.9	27.8	27.6	27.4	27.2	
1121	28.6	30.1	30.0	29.9	30.8	31.5	30.5	
1122	26.1	27.1	26.4	27.0	26.4	28.4	27.5	
1123	27.4	26.5	27.8	27.9	27.8	28.7	28.6	
1124	27.2	28.4	28.0	29.1	29.5	30.1	29.1	
1125	28.4	28.8	29.6	29.9	30.5	30.9	30.8	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day							
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	
300 ppm	1101	28.8	28.6	27.7	28.3	29.4	27.9	28.9	
	1102	32.3	33.1	33.2	32.9	32.2	31.9	33.2	
	1103	33.7	34.2	34.0	33.2	34.0	33.3	34.5	
	1104	27.7	27.6	28.7	28.4	28.4	28.7	29.7	
	1105	31.0	31.3	31.2	31.1	31.9	31.2	33.0	
	1106	31.0	31.7	32.6	31.1	32.5	31.4	32.3	
	1107	31.4	32.4	32.6	32.2	31.4	31.8	32.5	
	1108	33.0	33.6	33.3	34.1	34.2	34.3	34.8	
	1109	29.3	30.7	29.0	30.0	29.4	28.9	29.6	
	1110	29.6	28.7	28.6	29.2	28.8	28.3	29.0	
	1111	31.3	31.6	32.0	30.6	31.0	31.3	32.4	
	1112	31.3	31.4	31.3	31.6	31.0	31.1	31.7	
	1113	28.1	28.9	29.3	29.1	29.3	28.9	29.6	
	1114	32.0	31.5	31.8	31.2	31.6	30.2	31.0	
	1115	34.1	33.8	34.1	33.9	33.9	34.6	34.0	
1116	35.5	34.6	35.1	36.5	35.9	35.5	36.5		
1117	29.0	30.5	29.3	28.2	28.7	29.5	30.7		
1118	30.0	30.3	30.1	30.2	30.3	30.7	30.8		
1119	29.2	30.1	29.1	29.6	28.9	29.8	30.4		
1120	27.8	27.6	27.2	27.3	27.5	27.3	28.1		
1121	32.8	32.0	31.7	32.8	31.9	31.6	32.3		
1122	28.3	27.3	27.4	27.3	29.2	30.1	28.2		
1123	29.8	29.6	29.2	28.6	29.2	29.4	29.1		
1124	30.2	30.3	31.1	31.2	30.9	30.7	31.9		
1125	31.5	31.2	30.7	31.2	31.9	32.1	32.5		

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day					
		21-7	22-7	23-7	24-7	25-7	26-7
300 ppm	1101	30.0	28.9	29.6	29.9	30.9	29.9
	1102	31.0	31.8	31.7	32.7	32.7	33.2
	1103	34.2	34.7	34.8	35.4	35.9	35.6
	1104	29.3	29.6	29.8	30.9	31.5	31.0
	1105	33.3	33.0	32.4	32.9	33.0	32.4
	1106	32.9	33.7	32.2	33.5	33.1	32.9
	1107	32.3	32.7	32.8	32.9	32.8	33.4
	1108	35.3	35.2	35.5	36.0	36.9	37.1
	1109	30.4	30.6	29.9	30.7	31.5	32.8
	1110	29.4	29.7	29.5	30.6	30.7	31.9
	1111	33.0	32.8	32.6	33.0	32.8	33.0
	1112	31.5	32.8	32.7	33.2	33.0	33.3
	1113	30.0	30.5	31.7	30.7	30.4	30.7
	1114	31.9	32.3	31.7	32.3	32.5	31.9
	1115	36.0	35.2	35.4	35.3	35.9	36.6
1116	36.9	37.6	37.1	37.0	37.0	37.9	
1117	29.4	30.6	30.2	30.9	32.0	31.2	
1118	30.8	31.7	32.3	31.6	31.1	31.9	
1119	30.2	30.6	30.5	30.2	30.6	31.2	
1120	28.5	27.7	27.9	28.3	28.6	28.8	
1121	33.2	32.6	32.8	32.1	33.9	32.3	
1122	28.1	28.9	28.1	30.3	27.5	28.5	
1123	30.2	30.0	30.0	30.6	30.1	29.6	
1124	32.1	32.6	32.0	33.4	33.9	33.0	
1125	31.9	32.5	32.3	33.0	33.3	33.4	



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day							
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	
1000 ppm	1201	24.6	25.4	26.0	25.4	25.7	25.9	26.4	
	1202	26.2	26.6	27.2	27.9	28.4	29.5	29.7	
	1203	23.8	24.9	26.6	26.2	27.5	28.3	29.3	
	1204	25.0	26.0	27.3	27.6	28.4	29.1	28.6	
	1205	24.2	25.3	25.7	26.4	26.7	27.3	28.6	
	1206	25.6	25.5	27.0	26.7	26.8	27.6	27.9	
	1207	22.6	23.3	24.3	25.0	26.2	26.4	27.0	
	1208	27.1	27.5	28.2	27.8	28.0	28.0	28.9	
	1209	22.2	23.2	23.6	24.2	24.4	24.6	25.4	
	1210	24.6	24.8	25.4	26.1	26.1	26.8	27.2	
	1211	26.8	28.2	27.6	27.7	27.4	28.1	28.4	
	1212	25.5	26.1	26.5	26.9	26.0	27.0	26.9	
	1213	25.0	25.9	26.8	27.2	27.8	29.1	29.9	
	1214	25.2	26.2	26.8	29.0	29.6	28.2	28.3	
	1215	24.7	25.4	26.3	26.2	27.1	28.3	28.8	
	1216	25.2	25.2	25.9	26.1	26.4	27.4	28.1	
	1217	23.7	25.0	26.3	26.1	26.1	26.2	26.5	
	1218	26.3	26.1	27.0	26.2	27.3	27.7	28.4	
	1219	26.1	26.8	28.4	28.8	29.8	31.1	31.4	
	1220	25.7	24.8	26.4	26.3	27.0	27.5	28.9	
	1221	23.4	23.7	24.6	24.9	25.7	25.7	26.2	
	1222	24.8	25.2	25.9	27.2	27.8	28.7	30.2	
	1223	26.0	25.9	25.8	25.6	26.4	26.4	27.1	
	1224	24.3	25.6	26.1	26.0	27.1	28.4	29.0	
	1225	25.5	25.5	27.1	27.4	28.6	29.1	30.2	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day						
		7-7	8-7	9-7	10-7	11-7	12-7	13-7
1000 ppm	1201	27.1	28.0	28.2	28.4	28.9	28.7	29.6
	1202	30.7	30.5	31.8	31.2	32.4	33.1	32.3
	1203	28.9	29.0	29.9	30.5	30.0	30.0	31.5
	1204	28.6	29.2	29.1	29.5	29.3	30.1	30.3
	1205	28.1	28.9	29.6	29.9	29.7	31.1	31.3
	1206	28.7	30.3	29.6	29.5	30.5	31.9	33.0
	1207	27.7	28.2	27.9	28.1	28.5	29.0	28.9
	1208	29.2	30.2	29.4	30.2	31.0	31.2	32.8
	1209	25.8	27.0	27.1	27.7	28.5	29.4	29.9
	1210	26.9	28.4	28.1	28.8	28.9	29.3	30.0
	1211	29.3	30.0	30.9	30.7	29.9	31.1	32.6
	1212	28.6	29.5	29.5	29.7	29.9	31.1	32.5
	1213	31.0	31.3	31.7	31.1	32.2	32.6	32.8
	1214	28.8	29.4	29.6	29.4	29.5	30.2	29.9
	1215	28.9	29.4	29.0	29.1	30.1	30.5	30.8
	1216	28.5	30.0	30.5	29.5	29.7	29.9	30.7
	1217	26.8	27.9	28.0	28.7	28.2	28.3	29.3
	1218	28.9	28.9	29.1	29.8	30.8	30.2	31.5
	1219	32.5	33.5	33.5	34.9	35.8	35.8	38.1
	1220	28.4	29.0	29.3	29.9	30.5	31.5	32.3
	1221	26.9	28.0	27.5	27.9	27.9	28.2	29.0
	1222	29.9	31.0	30.7	30.7	32.2	32.0	32.8
	1223	27.5	27.1	27.9	28.5	28.6	28.9	29.1
	1224	30.2	31.2	31.1	31.3	31.9	31.8	33.1
	1225	29.3	30.2	31.2	31.8	31.3	31.2	32.8

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day							
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	
1000 ppm	1201	29.7	29.9	29.7	31.0	30.1	29.2	29.4	
	1202	33.3	33.8	33.3	33.5	33.6	33.8	34.5	
	1203	32.0	31.3	31.8	31.6	32.5	32.2	32.9	
	1204	31.1	29.8	30.2	29.4	30.6	30.1	31.2	
	1205	31.1	30.5	30.9	30.2	30.8	31.0	31.0	
	1206	32.5	32.6	33.2	33.5	33.8	33.8	34.4	
	1207	29.5	29.7	28.6	29.4	29.8	30.1	29.7	
	1208	31.8	32.1	32.2	31.8	32.1	31.8	32.4	
	1209	30.3	29.9	29.9	30.2	30.6	30.7	31.0	
	1210	30.3	29.8	29.4	30.2	29.9	29.9	29.9	
	1211	31.6	31.2	32.1	31.8	31.7	31.9	31.9	
	1212	32.1	33.0	32.0	31.9	33.0	33.3	32.7	
	1213	33.6	33.6	32.7	32.0	33.1	33.3	33.6	
	1214	30.8	30.3	30.5	30.1	30.1	30.6	30.4	
	1215	31.9	31.1	31.5	32.0	32.2	32.5	33.3	
	1216	30.7	30.3	30.2	31.0	31.4	31.2	31.1	
	1217	29.6	29.7	29.0	29.8	30.3	29.7	30.1	
	1218	30.7	30.7	31.0	31.5	31.4	31.0	31.0	
	1219	39.2	39.6	39.2	39.2	39.7	41.7	41.3	
	1220	32.8	32.8	32.3	31.9	33.6	33.5	33.5	
	1221	28.9	28.4	28.6	28.6	29.0	28.2	28.6	
	1222	33.0	32.0	32.7	33.6	34.2	34.1	33.2	
	1223	29.1	30.2	29.6	30.3	30.9	30.3	29.7	
	1224	33.7	34.6	34.7	34.7	35.2	35.0	35.4	
	1225	32.3	31.4	31.4	31.2	31.8	31.3	31.0	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day					
		21-7	22-7	23-7	24-7	25-7	26-7
1000 ppm	1201	29.6	30.3	31.4	30.8	31.2	31.6
	1202	34.0	34.1	33.8	34.9	35.6	36.4
	1203	33.8	34.6	33.7	34.3	34.3	35.0
	1204	31.6	31.0	32.1	32.2	32.5	32.2
	1205	30.6	30.6	32.1	32.1	32.7	32.4
	1206	33.8	35.2	35.8	36.2	37.3	37.6
	1207	29.8	29.6	30.0	30.1	29.7	29.8
	1208	32.0	33.0	33.6	34.4	33.6	33.5
	1209	31.3	31.2	31.8	32.4	32.0	32.1
	1210	29.8	30.4	30.8	31.3	31.0	31.5
	1211	31.6	32.5	31.4	32.9	33.8	34.3
	1212	33.3	32.0	32.3	33.7	34.3	35.6
	1213	33.9	33.4	33.2	33.9	34.5	34.1
	1214	30.3	30.0	30.4	30.8	31.5	31.3
	1215	34.3	33.7	33.6	34.2	34.2	35.2
	1216	31.4	31.2	31.6	33.2	33.2	32.6
	1217	30.8	31.2	32.2	32.6	32.1	32.2
	1218	31.7	32.3	32.1	32.3	32.3	33.3
	1219	41.6	42.5	41.6	42.8	42.7	43.3
	1220	34.9	34.0	33.8	35.6	35.8	35.6
	1221	29.1	30.1	30.1	30.0	30.8	29.6
	1222	32.4	32.7	34.1	33.7	33.2	33.5
	1223	29.3	30.7	31.6	31.7	30.5	31.5
	1224	36.6	37.0	37.0	38.3	37.0	37.3
	1225	32.1	32.0	31.4	32.0	32.2	32.6

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day							
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	
3000 ppm	1301	23.0	22.4	23.0	22.7	24.0	24.1	24.9	
	1302	24.8	24.2	27.0	26.5	27.0	27.5	27.2	
	1303	25.5	24.8	24.7	25.5	25.5	26.2	26.2	
	1304	24.0	24.0	24.8	24.9	24.8	24.8	25.0	
	1305	25.9	26.0	27.1	26.9	27.9	27.6	27.9	
	1306	24.9	25.3	24.9	24.5	24.8	25.1	24.9	
	1307	24.7	24.9	25.7	25.3	25.3	26.2	26.2	
	1308	22.9	22.4	23.2	24.1	24.3	24.5	24.3	
	1309	26.0	25.4	26.2	26.4	26.6	27.2	26.9	
	1310	24.8	24.8	25.0	25.1	25.0	25.9	26.0	
	1311	23.6	22.6	22.9	23.3	23.6	23.9	23.7	
	1312	25.8	26.9	26.8	26.7	27.2	27.1	27.5	
	1313	27.0	27.7	26.7	27.6	27.9	28.5	29.7	
	1314	26.9	26.9	26.1	26.2	27.2	27.0	27.9	
	1315	22.3	23.3	23.8	23.5	24.2	25.3	25.3	
	1316	24.5	24.2	25.4	26.1	25.9	26.4	26.7	
	1317	25.1	25.5	26.6	25.9	26.7	27.0	27.1	
	1318	26.2	25.5	27.4	27.1	28.1	27.9	28.3	
	1319	25.2	24.0	24.4	24.5	24.7	25.4	26.0	
	1320	25.1	24.7	26.0	26.3	26.3	26.9	26.5	
1321	25.4	24.4	16.3	24.6	23.8	24.4	24.6		
1322	25.6	25.0	25.9	26.9	27.6	27.7	28.2		
1323	24.3	24.9	27.2	27.2	27.3	26.6	26.8		
1324	24.1	23.6	24.5	24.8	25.1	25.8	27.0		
1325	26.5	26.0	26.2	25.8	25.9	25.8	26.1		

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day						
		7-7	8-7	9-7	10-7	11-7	12-7	13-7
3000 ppm	1301	24.7	25.1	25.2	25.4	24.9	25.9	26.2
	1302	27.5	27.6	27.5	27.3	28.3	28.2	28.8
	1303	26.0	26.0	26.5	26.0	26.9	27.5	28.0
	1304	24.7	25.6	25.1	25.1	25.1	25.2	25.8
	1305	27.0	27.2	27.4	27.5	27.5	28.6	28.9
	1306	25.5	25.4	25.9	25.6	25.6	25.9	26.9
	1307	25.9	26.7	26.8	26.6	26.9	27.7	27.3
	1308	24.6	25.0	25.1	25.1	25.6	26.1	26.3
	1309	27.6	28.7	28.2	28.6	27.6	28.3	28.3
	1310	26.3	26.0	25.9	25.9	27.1	26.9	28.1
	1311	24.0	25.3	25.2	25.8	26.0	26.7	26.4
	1312	27.7	27.7	27.4	27.8	28.1	28.6	28.4
	1313	28.8	29.3	29.4	29.3	29.7	29.9	29.2
	1314	27.6	28.6	27.7	27.3	27.9	28.8	28.7
	1315	25.8	26.1	27.1	27.6	27.4	27.4	28.2
	1316	25.9	25.7	27.1	26.1	26.2	26.9	27.8
	1317	27.2	27.5	27.1	26.9	27.6	27.7	27.9
1318	28.0	27.1	28.3	28.4	29.1	29.9	29.2	
1319	26.9	26.7	26.7	27.0	27.6	27.6	27.8	
1320	26.2	26.5	25.8	26.7	26.1	27.4	27.5	
1321	24.6	25.8	25.2	24.8	24.8	26.3	26.1	
1322	28.7	30.3	29.2	30.0	30.2	30.1	30.3	
1323	27.3	26.0	26.0	26.3	26.7	27.2	28.0	
1324	26.5	27.0	27.5	27.5	27.9	28.3	28.5	
1325	26.2	26.8	26.4	26.6	27.3	27.6	27.9	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day					18-7	19-7	20-7
		14-7	15-7	16-7	17-7	16-7			
3000 ppm	1301	26.2	26.1	26.1	26.3	25.6	26.1	25.9	
	1302	27.4	27.8	27.3	26.7	26.5	27.2	27.2	
	1303	28.0	28.0	28.0	28.5	28.1	27.8	28.0	
	1304	26.0	26.2	26.2	26.0	25.9	26.3	26.0	
	1305	28.9	28.0	28.1	28.1	28.5	27.9	28.2	
	1306	27.6	27.5	26.8	26.1	26.2	26.3	26.9	
	1307	27.6	27.5	27.5	27.6	27.6	27.3	27.5	
	1308	26.5	26.0	26.2	26.8	26.1	25.9	26.2	
	1309	28.8	28.0	28.4	28.0	28.5	27.7	27.9	
	1310	28.5	27.6	27.6	27.9	27.6	27.9	27.5	
	1311	27.8	27.0	26.5	26.5	26.6	26.9	27.1	
	1312	28.4	28.3	28.8	28.0	28.0	27.5	27.7	
	1313	29.5	29.2	30.0	30.6	30.7	29.5	29.8	
	1314	29.3	28.5	29.1	28.9	29.2	29.0	29.1	
	1315	27.9	28.3	28.4	28.4	29.4	28.3	28.6	
	1316	28.0	27.9	27.4	27.2	27.1	27.6	27.1	
	1317	28.9	28.4	28.2	28.1	28.6	28.3	28.7	
1318	28.1	29.1	29.8	29.5	29.9	28.8	28.8		
1319	28.1	27.8	28.2	28.1	28.4	27.9	28.3		
1320	26.8	27.4	27.8	27.5	27.4	26.6	27.2		
1321	25.9	25.9	25.9	25.0	25.2	25.8	25.1		
1322	31.1	30.6	30.1	29.2	29.2	29.3	29.8		
1323	27.6	27.1	27.0	26.5	26.7	26.3	26.7		
1324	28.9	28.2	28.5	29.2	29.3	29.1	29.3		
1325	28.1	27.7	28.7	27.5	27.5	27.4	27.5		

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day					
		21-7	22-7	23-7	24-7	25-7	26-7
3000 ppm	1301	26.1	26.5	26.6	27.0	27.0	27.1
	1302	27.5	26.6	27.3	27.2	27.4	28.1
	1303	27.8	28.1	27.3	27.6	27.5	27.9
	1304	26.6	27.6	26.1	26.9	27.1	26.3
	1305	28.1	28.3	28.5	28.3	28.1	28.3
	1306	27.4	27.2	27.4	27.5	27.2	28.4
	1307	28.2	28.0	27.6	28.3	28.3	28.4
	1308	26.6	25.6	26.3	26.3	27.0	27.2
	1309	28.2	28.2	29.0	29.5	28.6	29.4
	1310	28.2	28.8	28.3	28.4	27.9	29.1
	1311	27.0	27.6	26.2	28.1	28.2	28.5
	1312	27.8	27.6	27.4	28.0	27.8	28.5
	1313	29.4	29.5	29.6	30.3	31.2	31.1
	1314	29.6	29.5	30.1	31.0	30.6	31.5
	1315	29.3	29.0	29.3	29.8	28.8	30.3
1316	27.9	28.2	27.9	27.8	27.7	27.6	
1317	27.9	28.9	28.3	28.7	28.0	29.4	
1318	30.0	29.5	29.2	30.3	29.6	31.2	
1319	28.4	28.2	28.2	28.3	28.6	29.6	
1320	27.1	27.9	27.5	28.2	27.9	27.4	
1321	25.8	25.9	25.9	26.0	25.7	25.3	
1322	29.5	30.6	30.0	30.5	31.0	30.5	
1323	27.1	28.0	27.1	27.9	26.8	29.0	
1324	29.4	29.7	29.7	29.6	29.5	30.5	
1325	27.6	27.8	27.9	27.5	27.8	29.3	



APPENDIX 5-2

BODY WHIGHT CHANGES (INDIVIDUAL) : FEMALE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day							
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	
Control	2001	21.6	21.7	21.8	21.9	22.5	21.9	23.4	
	2002	20.8	22.8	22.1	21.7	21.0	22.2	23.1	
	2003	17.5	17.5	18.4	18.3	18.5	20.2	19.9	
	2004	19.2	19.4	19.8	19.2	21.5	20.6	21.2	
	2005	20.6	20.9	22.1	20.5	21.7	21.5	22.5	
	2006	21.4	22.2	22.0	22.2	23.5	21.3	23.0	
	2007	19.0	19.7	19.8	20.5	21.7	21.2	22.7	
	2008	22.0	22.3	23.3	22.9	22.3	22.6	22.6	
	2009	20.0	20.7	22.0	20.6	21.5	21.2	21.6	
	2010	22.0	21.4	21.9	20.6	22.2	22.7	22.6	
	2011	19.4	19.2	18.9	19.3	19.6	20.0	20.8	
	2012	19.6	21.4	21.0	21.0	20.7	21.7	23.1	
	2013	20.4	20.5	21.2	21.4	22.2	21.9	23.0	
	2014	19.0	20.6	20.9	20.6	21.7	21.5	21.0	
	2015	20.1	20.1	20.3	20.6	20.5	21.7	21.9	
	2016	19.7	20.3	20.1	20.9	21.3	21.3	21.4	
	2017	19.2	20.1	21.1	21.2	21.6	23.9	22.7	
	2018	20.7	23.9	22.2	22.5	22.8	22.2	22.8	
	2019	20.3	21.3	21.2	21.3	21.8	22.5	21.9	
	2020	19.5	19.8	20.1	20.2	21.0	21.3	22.0	
	2021	20.2	21.6	22.0	21.4	22.1	22.5	23.8	
	2022	20.4	22.4	22.1	21.5	22.1	22.6	22.6	
	2023	21.2	21.4	21.1	21.6	21.6	21.5	23.0	
	2024	21.0	22.1	21.9	22.0	21.9	21.6	21.9	
	2025	21.0	22.5	22.4	22.9	24.6	23.0	23.7	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day							
		7-7	8-7	9-7	10-7	11-7	12-7	13-7	
Control	2001	21.8	23.0	24.3	23.5	24.0	23.4	23.5	
	2002	22.6	23.0	24.5	24.5	24.2	25.1	24.6	
	2003	19.7	21.2	21.2	20.9	20.6	20.5	21.0	
	2004	21.2	21.7	22.1	21.1	21.2	22.6	22.2	
	2005	22.8	23.0	22.9	24.7	24.5	24.2	23.9	
	2006	22.2	24.1	23.9	24.6	23.2	24.1	23.4	
	2007	22.4	22.2	22.4	22.5	23.9	23.8	26.3	
	2008	22.1	23.9	24.7	26.7	22.9	23.6	22.6	
	2009	22.1	22.0	21.9	20.8	21.0	21.1	22.3	
	2010	23.4	23.1	22.3	22.9	23.4	23.7	23.2	
	2011	21.7	21.2	21.7	22.0	21.5	22.0	22.3	
	2012	22.8	23.8	22.4	23.0	22.9	23.0	22.9	
	2013	23.2	23.9	23.1	22.9	23.4	23.8	23.6	
	2014	23.1	22.9	24.5	22.1	23.3	23.4	22.9	
	2015	22.2	21.8	22.2	22.0	21.8	22.7	23.2	
	2016	22.3	22.8	22.2	22.3	23.9	26.2	23.7	
	2017	23.4	22.9	22.1	22.0	22.5	24.6	23.1	
	2018	23.6	22.8	25.2	23.0	23.9	24.1	24.5	
	2019	22.0	24.7	25.2	23.9	22.5	23.2	24.2	
	2020	21.8	21.3	22.4	21.7	21.3	22.8	24.1	
	2021	24.0	23.8	23.7	24.9	26.9	24.4	23.8	
	2022	24.4	23.3	23.7	22.9	23.1	23.4	23.2	
	2023	21.7	24.2	23.3	22.8	23.5	23.7	22.4	
	2024	22.7	23.2	24.3	23.4	24.7	23.9	25.0	
	2025	24.3	24.9	24.4	24.5	24.3	24.4	25.0	

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
UNIT : g  
REPORT TYPE : A1 26  
SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day							
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	
Control	2001	24.9	24.6	23.5	24.4	25.1	25.6	24.3	
	2002	25.3	25.5	25.7	25.6	26.3	25.4	26.5	
	2003	21.4	21.5	21.4	21.1	21.9	21.3	21.0	
	2004	21.4	22.1	22.6	22.1	23.3	24.8	22.8	
	2005	24.2	24.8	24.0	24.5	25.3	24.6	24.4	
	2006	25.1	24.7	25.6	26.8	27.7	24.7	24.4	
	2007	23.8	24.5	23.6	24.0	25.1	24.5	23.4	
	2008	22.6	23.2	24.0	23.9	24.1	23.4	24.3	
	2009	21.6	22.0	22.2	23.1	23.2	22.7	22.8	
	2010	23.9	25.0	26.4	23.6	22.8	23.0	24.2	
	2011	22.5	22.0	21.6	23.2	24.8	25.1	22.9	
	2012	23.8	24.6	23.6	23.5	24.5	23.0	23.1	
	2013	23.6	23.8	24.2	24.2	24.2	24.3	24.5	
	2014	23.1	25.2	25.9	22.7	24.6	24.8	24.0	
	2015	23.5	22.6	23.4	24.4	23.9	23.4	22.8	
	2016	23.5	23.5	23.5	24.0	23.2	23.7	23.5	
	2017	22.1	22.1	23.1	23.3	23.5	23.0	23.6	
	2018	25.9	23.5	24.1	24.6	25.7	25.2	26.8	
	2019	23.3	23.1	23.3	24.3	24.2	23.7	23.0	
	2020	22.4	21.6	22.6	22.9	23.5	24.9	22.2	
	2021	25.7	28.1	24.6	24.9	27.6	28.9	28.7	
	2022	23.8	23.2	24.2	24.5	24.5	24.5	23.4	
	2023	23.4	23.7	25.0	23.7	23.3	23.8	24.1	
	2024	24.7	23.6	24.3	24.0	24.8	25.3	27.5	
	2025	25.9	27.8	26.1	25.8	26.2	27.7	26.2	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day					25-7	26-7
		21-7	22-7	23-7	24-7	25-7		
Control	2001	25.6	25.0	24.6	25.8	25.6	25.9	
	2002	26.3	27.0	25.8	28.5	26.0	27.2	
	2003	22.0	21.8	21.9	22.3	22.7	22.5	
	2004	23.4	23.4	23.4	22.7	23.0	23.4	
	2005	24.2	24.7	24.7	24.4	24.7	25.1	
	2006	25.9	25.6	26.6				
	2007	24.4	24.3	25.3	23.1	23.8	25.5	
	2008	26.9	24.6	23.7	24.7	23.4	24.6	
	2009	23.3	22.9	22.8	23.4	23.4	23.5	
	2010	23.1	23.7	24.4	25.1	25.0	25.1	
	2011	23.6	23.2	23.0	23.5	24.7	22.8	
	2012	23.2	23.2	24.6	24.6	23.3	23.1	
	2013	24.3	24.3	24.9	24.8	24.7	24.5	
	2014	25.5	27.3	26.6	26.1	28.7	24.4	
	2015	23.9	23.3	23.6	23.7	25.1	25.0	
	2016	23.1	23.6	22.8	24.3	24.7	24.5	
	2017	23.3	23.3	23.3	24.4	26.9	23.8	
	2018	25.2	24.1	24.6	25.1	26.7	24.7	
	2019	24.2	25.9	24.8	24.3	24.9	26.3	
	2020	22.8	23.2	22.8	22.0	22.8	23.6	
	2021	26.8	24.8	26.1	26.2	26.0	29.0	
	2022	24.6	24.2	24.6	26.8	25.0	24.8	
	2023	27.8	24.0	23.0	24.3	26.4	24.6	
	2024	24.2	24.5	25.0	24.9	24.9	25.1	
	2025	25.0	26.5	26.4	26.7	28.8	30.4	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day						
		0-0	1-7	2-7	3-7	4-7	5-7	6-7
300 ppm	2101	20.5	21.1	20.5	20.6	20.3	20.3	21.8
	2102	20.7	20.1	20.6	20.3	20.6	20.4	21.3
	2103	19.4	19.5	19.1	20.4	20.4	20.7	21.3
	2104	19.2	19.1	19.3	19.4	20.0	20.1	20.0
	2105	20.1	19.5	19.2	19.8	19.9	22.0	22.5
	2106	21.0	22.1	22.5	22.4	21.4	22.7	23.4
	2107	22.3	22.4	21.7	22.7	21.8	23.2	22.5
	2108	21.2	21.9	22.5	23.0	20.5	23.0	24.9
	2109	19.9	20.7	20.9	20.6	20.5	22.5	22.2
	2110	21.5	22.4	21.7	22.6	22.4	23.6	23.6
	2111	20.9	22.5	22.5	21.4	21.7	21.5	23.8
	2112	20.0	20.0	20.1	21.0	20.8	20.6	21.7
	2113	20.3	21.5	21.6	21.4	21.5	22.2	21.8
	2114	21.4	22.3	21.9	21.7	21.7	22.2	22.3
	2115	17.6	18.0	18.3	18.3	18.8	20.1	19.8
	2116	20.9	22.1	21.2	19.8	20.8	22.1	22.7
	2117	20.3	20.2	20.9	20.6	21.1	20.8	21.2
	2118	21.8	22.9	21.9	20.7	21.2	21.0	21.5
	2119	19.4	20.6	21.1	20.6	21.9	24.2	22.0
	2120	20.6	21.6	21.1	21.0	21.8	21.6	22.7
	2121	19.0	19.5	19.2	18.8	19.5	20.4	19.6
	2122	20.1	21.1	21.1	21.3	21.7	22.4	24.0
	2123	19.3	20.4	20.9	21.0	20.6	22.7	22.4
	2124	18.9	19.0	19.7	19.2	19.8	22.0	21.1
	2125	19.6	20.1	20.0	20.2	20.8	21.6	21.4

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day						
		7-7	8-7	9-7	10-7	11-7	12-7	13-7
300 ppm	2101	21.6	22.4	22.3	22.1	21.8	22.8	22.1
	2102	21.7	22.1	23.8	22.4	22.7	22.7	26.1
	2103	22.1	22.3	21.5	21.8	22.6	23.1	21.9
	2104	21.5	22.2	21.2	21.0	21.5	22.1	21.4
	2105	22.0						
	2106	23.6	23.1	23.1	24.3	23.3	23.9	23.7
	2107	24.0	25.4	26.9	25.7	23.0	24.5	26.7
	2108	22.7	24.9	24.3	23.3	24.5	24.8	23.0
	2109	22.6	22.9	22.9	23.6	22.8	23.6	25.3
	2110	22.6	24.2	24.5	25.3	25.6	24.1	23.7
	2111	23.1	22.7	22.4	23.0	23.2	24.1	27.7
	2112	22.3	22.1	22.4	22.4	23.8	23.4	22.3
	2113	22.5	23.2	23.0	23.4	23.3	24.0	24.1
	2114	23.7	22.6	22.5	22.8	23.2	23.2	23.4
	2115	20.5	19.7	20.4	21.1	20.8	21.0	21.3
	2116	21.8	23.7	23.4	23.5	22.4	24.0	23.7
	2117	22.9	22.8	23.2	22.8	24.3	26.1	24.0
	2118	21.8	22.4	22.6	22.3	22.5	22.7	22.9
	2119	22.2	23.6	23.1	23.4	23.2	24.4	25.9
	2120	22.4	23.0	21.6	22.9	22.5	24.6	24.9
	2121	20.7	21.0	21.1	22.3	21.8	23.5	23.4
	2122	23.8	22.9	24.7	25.1	23.4	24.2	24.2
	2123	23.2	22.8	22.2	22.4	24.5	23.9	24.3
	2124	20.5	20.6	21.5	22.0	21.5	21.6	22.8
	2125	22.8	22.5	22.1	23.3	24.0	23.1	22.4

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day					18-7	19-7	20-7
		14-7	15-7	16-7	17-7	18-7			
300 ppm	2101	22.0	25.1	21.8	24.0	25.6	24.0	22.6	
	2102	22.8	23.1	23.3	24.0	23.5	23.3	23.8	
	2103	22.0	23.2	23.0	23.0	22.4	22.6	22.8	
	2104	21.0	21.2	21.9	22.5	22.4	21.6	21.7	
	2105								
	2106	23.6	26.6	24.0	24.5	24.6	23.8	24.5	
	2107	24.4	25.5	24.8	24.9	26.5	28.3	24.7	
	2108	23.5	24.5	23.8	23.6	25.0	24.5	24.9	
	2109	23.2	25.6	24.5	23.3	23.3	24.7	23.6	
	2110	23.9	25.2	26.6	24.2	25.1	25.1	24.5	
	2111	23.7	23.6	23.0	24.2	24.0	23.6	27.4	
	2112	23.0	22.7	23.7	23.7	22.9	22.6	22.3	
	2113	23.7	24.1	23.8	24.7	24.1	23.5	23.8	
	2114	23.7	23.5	23.7	24.7	27.8	23.4	23.3	
	2115	21.9	21.9	22.1	22.0	22.2	21.6	21.2	
	2116	23.2	24.8	23.5	24.2	23.4	24.0	23.3	
	2117	24.1	24.3	23.7	24.2	26.6	25.0	23.7	
	2118	22.8	23.1	23.5	23.9	23.9	23.2	22.9	
	2119	23.2	22.6	23.0	23.8	25.2	25.2	26.5	
	2120	22.7	22.9	23.1	23.7	23.7	22.6	22.9	
	2121	22.2	22.1	23.1	22.8	22.2	22.1	22.4	
	2122	24.9	25.2	25.6	24.3	24.6	25.2	24.8	
	2123	23.2	24.2	26.0	23.8	24.0	24.6	23.5	
	2124	23.1	22.5	23.6	23.5	22.0	22.2	23.1	
	2125	22.7	24.2	22.4	24.1	23.3	25.8	25.5	



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day					25-7	26-7
		21-7	22-7	23-7	24-7	25-7		
300 ppm	2101	24.9	25.6	23.0	23.2	24.3	24.2	
	2102	23.3	23.8	23.9	26.3	29.8	25.4	
	2103	22.5	22.8	23.4	23.9	23.6	22.7	
	2104	22.7	22.9	21.4	21.8	22.4	22.9	
	2105							
	2106	23.7	23.7	25.1	26.8	24.5	24.6	
	2107	25.2	26.3	29.0	25.3	26.6	26.4	
	2108	23.5	25.2	25.2	25.5	24.7	27.3	
	2109	25.3	23.0	23.7	26.7	25.4	24.4	
	2110	24.6	24.8	25.0	25.1	25.3	26.3	
	2111	23.7	24.1	23.6	24.4	26.1	25.0	
	2112	23.6	24.1	23.1	23.3	24.8	24.4	
	2113	23.5	23.7	25.2	26.0	25.0	25.7	
	2114	24.1	24.1	23.0	24.2	26.9	28.5	
	2115	22.2	21.9	22.8	22.5	22.3	25.1	
	2116	23.4	23.8	24.4	24.4	23.3	24.1	
	2117	24.2	24.9	25.3	24.6	24.8	25.9	
	2118	22.5	24.8	27.5	26.5	24.6	25.7	
	2119	24.4	24.3	24.1	24.4	24.6	25.4	
	2120	23.7	23.7	23.0	24.6	27.1	24.5	
	2121	21.9	22.5	22.6	22.9	22.4	22.3	
	2122	24.8	26.3	25.1	25.2	25.0	25.6	
	2123	24.9	24.0	24.0	24.3	24.3	24.6	
	2124	23.2	22.5	22.3	23.4	23.1	22.4	
	2125							

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day							
		0-0	1-7	2-7	3-7	4-7	5-7	6-7	
1000 ppm	2201	20.2	21.4	21.8	20.2	21.1	21.0	21.1	
	2202	20.7	21.8	21.5	21.0	20.7	22.5	22.5	
	2203	20.3	20.0	20.5	19.0	19.1	20.2	21.6	
	2204	18.2	19.1	19.5	18.2	18.3	20.6	19.9	
	2205	19.7	20.5	21.4	20.7	21.2	21.6	22.0	
	2206	19.3	18.4	19.1	18.8	18.9	19.8	20.1	
	2207	21.5	22.1	22.7	21.6	21.3	21.6	21.7	
	2208	20.0	20.6	20.5	20.0	21.0	21.0	21.3	
	2209	19.7	20.8	21.7	21.6	21.7	21.3	21.9	
	2210	18.2	18.2	18.9	18.3	19.5	19.5	20.1	
	2211	21.0	20.7	21.0	20.0	20.2	21.4	21.5	
	2212	20.6	20.9	20.8	20.5	21.1	21.2	21.0	
	2213	22.4	22.8	23.6	21.7	22.3	22.9	22.7	
	2214	19.2	19.1	19.9	21.9	21.1	21.3	21.4	
	2215	21.1	21.2	21.7	20.7	21.6	22.2	22.0	
	2216	20.2	19.3	20.2	20.3	20.2	20.4	22.5	
	2217	21.4	22.6	23.2	21.8	22.4	23.2	21.9	
	2218	20.9	20.7	20.9	20.1	20.6	20.9	20.2	
	2219	19.3	20.7	20.1	20.4	20.0	20.6	21.2	
	2220	20.1	20.9	21.4	20.5	21.7	22.8	22.9	
	2221	19.1	19.3	19.0	19.5	19.9	21.2	21.0	
	2222	21.6	21.7	21.3	21.4	20.7	24.0	21.2	
	2223	19.5	20.5	20.8	20.0	20.8	20.6	20.6	
	2224	21.2	21.6	21.3	20.7	22.0	22.5	22.5	
	2225	20.4	20.2	19.8	19.8	20.3	21.4	20.6	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day						
		7-7	8-7	9-7	10-7	11-7	12-7	13-7
1000 ppm	2201	22.6	22.4	21.9	22.4	22.5	22.8	22.6
	2202	21.4	22.1	22.1	23.3	22.1	22.1	23.8
	2203	21.5	22.1	22.3	22.7	22.3	22.7	23.5
	2204	20.9	20.9	22.7	20.5	21.3	21.6	21.9
	2205	21.8	23.2	22.8	23.3	23.1	23.6	23.3
	2206	20.7	20.9	20.9	21.1	20.3	20.5	21.7
	2207	21.3	23.2	23.8	22.3	21.5	21.7	23.2
	2208	21.3	24.7	23.8	23.7	23.0	23.2	23.2
	2209	22.8	23.4	17.5				
	2210	20.8	21.1	20.4	21.3	21.1	21.3	22.0
	2211	21.7	22.7	22.6	22.3	22.0	22.6	23.1
	2212	22.2	22.0	21.9	22.6	22.6	24.4	22.5
	2213	23.3	24.0	23.4	24.5	23.7	23.8	24.7
	2214	22.6	25.0	22.2	22.8	22.6	24.0	24.2
	2215	22.6	24.2	22.6	22.9	23.1	23.6	24.5
	2216	22.4	22.6	22.6	25.1	22.5	23.7	24.4
	2217	23.1	24.5	23.3	23.9	23.3	23.9	23.8
	2218	21.5	21.7	21.2	22.4	22.4	22.0	21.8
	2219	22.0	22.1	21.5	21.8	21.7	22.7	23.5
	2220	22.9	24.5	25.4	23.0	23.3	26.2	23.7
	2221	21.6	21.9	21.4	21.5	21.6	22.1	22.9
	2222	23.3	24.6	22.6	21.6	22.2	23.4	22.5
	2223	22.4	22.3	21.6	21.9	22.6	22.2	22.7
	2224	22.3	23.4	22.4	22.8	23.4	23.6	24.2
	2225	20.2	22.0	24.1	21.5	21.9	23.3	23.0

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day							
		14-7	15-7	16-7	17-7	18-7	19-7	20-7	
1000 ppm	2201	22.9	23.5	22.6	23.5	22.8	23.6	22.3	
	2202	23.8	23.4	23.5	23.8	24.3	24.5	23.8	
	2203	23.7	23.3	24.5	24.3	24.0	23.3	22.9	
	2204	21.8	22.3	22.4	22.2	21.6	22.2	23.0	
	2205	23.3	23.3	23.3	23.3	23.3	24.3	23.6	
	2206	21.6	24.0	21.3	21.2	22.3	22.0	24.0	
	2207	23.2	22.9	21.8	24.1	22.7	22.0	24.3	
	2208	23.4	22.8	23.7	24.7	24.3	23.5	23.5	
	2209								
	2210	21.2	21.3	21.7	24.1	22.5	22.5	22.2	
	2211	22.7	22.7	23.2	23.3	23.0	22.2	23.0	
	2212	22.5	23.0	25.2	23.6	22.8	23.4	23.1	
	2213	25.3	24.6	24.9	26.1	26.0	24.8	24.6	
	2214	24.8	24.3	23.6	23.8	25.1	23.8	23.0	
	2215	25.1	24.5	23.5	23.9	24.7	24.5	23.5	
	2216	24.1	24.3	26.9	23.7	24.5	23.7	23.9	
	2217	23.2	24.5	23.7	24.3	24.6	24.5	25.0	
	2218	22.5	22.2	22.7	22.9	22.8	22.6	22.5	
	2219	24.1	22.6	23.2	23.8	24.4	23.1	22.8	
	2220	24.1	26.1	23.7	24.2	25.3	24.5	24.1	
	2221	22.7	23.4	23.4	23.8	22.5	23.1	24.0	
	2222	24.1	25.8	22.8	24.0	23.5	23.7	22.8	
	2223	22.6	23.0	22.1	22.9	23.2	23.3	22.0	
	2224	23.7	26.4	26.8	23.7	24.7	24.4	23.6	
	2225	22.6	24.2	23.8	22.9	25.9	23.0	21.3	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day					25-7	26-7
		21-7	22-7	23-7	24-7	25-7		
1000 ppm	2201	23.4	22.8	24.0	23.7	22.8	23.8	
	2202	24.1	23.7	23.9	24.1	24.5	24.7	
	2203	23.4	23.7	23.5	24.5	25.3	25.1	
	2204	22.8	21.8	22.9	23.4	23.4	23.0	
	2205	24.1	24.2	24.0	25.2	27.3	24.8	
	2206	22.5	21.7	22.0	22.9	22.1	21.7	
	2207	25.3	22.2	22.4	22.9	23.1	23.3	
	2208	24.4	23.9	24.0	24.5	25.1	25.1	
	2209							
	2210	22.2	22.3	23.0	22.6	22.5	23.1	
	2211	23.6	22.9	23.1	24.1	23.7	24.2	
	2212	23.8	23.5	24.0	24.1	24.3	24.5	
	2213	25.7	25.9	25.2	25.3	22.2	19.4	
	2214	26.1	28.7	23.7	25.4	25.4	26.3	
	2215	25.1	25.1	24.2	25.5	24.8	25.4	
	2216	24.7	25.3	26.0	24.7	24.8	25.2	
	2217	28.0	24.2	25.5	24.9	27.4	25.7	
	2218	23.9	23.5	23.2	24.0	23.4	23.6	
	2219	23.3	23.6	23.6	24.1	24.5	24.0	
	2220	25.3	24.6	26.8	27.7	25.1	25.0	
	2221	23.3	22.6	23.8	23.2	26.8	24.5	
	2222	24.2	23.4	23.5	23.4	24.1	23.9	
	2223	22.6	23.2	23.5	23.5	23.6	26.8	
	2224	24.5	24.4	24.1	24.1	26.6	29.1	
	2225	24.1	22.8	25.2	25.8	23.0	24.1	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day						
		0-0	1-7	2-7	3-7	4-7	5-7	6-7
3000 ppm	2301	19.2	19.7	20.6	20.4	20.5	20.4	20.9
	2302	19.7	20.8	21.5	21.0	21.8	21.0	21.1
	2303	20.2	20.9	22.6	20.6	20.4	20.4	20.4
	2304	20.4	20.9	20.7	21.6	20.6	21.8	22.5
	2305	20.5	20.5	20.2	19.6	19.4	21.4	20.8
	2306	19.6	19.1	19.4	20.3	20.0	21.3	21.4
	2307	20.1	20.9	20.3	19.4	20.9	20.4	20.7
	2308	19.3	20.1	20.0	19.4	20.4	19.8	20.9
	2309	18.0	18.1	18.1	19.0	19.5	19.7	21.6
	2310	20.0	20.2	20.5	19.8	20.5	20.8	20.6
	2311	19.3	19.3	19.3	19.0	19.4	20.4	20.5
	2312	20.6	20.5	20.4	19.6	20.1	20.0	20.0
	2313	21.5	21.6	21.4	21.0	20.2	21.1	21.3
	2314	20.2	20.5	20.1	20.5	21.9	22.3	24.7
	2315	20.8	20.5	20.3	20.5	21.3	20.5	20.9
	2316	20.9	20.6	20.6	20.9	21.6	20.5	21.0
	2317	19.5	19.8	21.0	20.4	20.6	20.6	21.5
	2318	23.1	22.7	22.3	21.8	21.5	22.6	21.8
	2319	21.6	21.3	22.0	21.3	21.5	21.7	22.2
	2320	21.0	20.9	20.6	21.0	20.5	20.2	19.4
	2321	21.3	19.9	20.7	20.6	20.7	21.0	21.5
	2322	21.2	20.8	20.9	20.9	21.7	20.5	21.6
	2323	20.3	19.9	20.3	19.6	20.0	20.1	20.8
	2324	18.8	19.8	19.6	19.4	20.3	20.5	21.2
	2325	19.1	19.1	18.5	19.1	19.5	19.7	20.5

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day						
		7-7	8-7	9-7	10-7	11-7	12-7	13-7
3000 ppm	2301	21.0	21.2	21.2	21.6	21.2	22.0	21.5
	2302	21.3	21.7	20.7	21.0	21.8	21.3	22.9
	2303	20.8	21.3	21.5	21.1	21.7	20.6	21.0
	2304	21.1	23.0	21.0	22.3	21.7	22.3	22.0
	2305	21.5	21.4	22.1	22.3	22.2	21.8	22.6
	2306	22.1	22.2	22.1	23.9	22.7	22.4	22.5
	2307	20.5	20.7	20.3	20.0	20.4	20.9	20.7
	2308	20.7	21.1	22.7	22.3	21.7	22.5	22.7
	2309	19.7	21.0	20.6	21.2	22.2	20.6	20.7
	2310	22.5	22.3	21.9	21.9	22.3	22.9	22.0
	2311	20.7	20.7	20.3	21.2	20.7	21.4	20.6
	2312	20.3	20.5	20.6	22.2	22.0	21.7	22.1
	2313	20.2	22.0	22.9	22.2	23.1	22.2	23.6
	2314	21.8	23.6	23.1	23.0	22.9	24.4	24.4
	2315	20.7	20.9	21.8	21.2	21.2	21.7	21.9
	2316	21.9	20.8	21.7	22.5	22.3	22.8	22.6
	2317	20.9	20.3	20.3	21.1	21.5	21.6	20.7
	2318	22.2	22.1	23.1	22.9	23.7	23.3	23.8
	2319	21.8	23.3	23.3	23.6	23.4	22.8	24.5
	2320	19.3	21.0	20.3	19.6	21.5	21.0	20.8
	2321	19.6	20.9	20.8	22.1	20.1	20.7	21.5
	2322	20.6	21.6	22.4	21.9	22.4	22.5	22.8
	2323	20.2	21.4	20.5	21.6	21.4	21.5	22.0
	2324	19.5	21.2	20.7	21.4	21.7	21.3	23.4
	2325	20.0	19.7	20.0	20.3	20.6	20.6	20.8

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day					18-7	19-7	20-7
		14-7	15-7	16-7	17-7	18-7			
3000 ppm	2301	22.2	20.8	20.8	21.4	22.0	21.0	22.4	
	2302	23.9	22.3	22.8	23.1	22.7	21.7	22.2	
	2303	21.2	19.9	21.0	20.5	20.4	20.9	21.3	
	2304	21.9	22.4	23.0	23.7	22.3	21.7	23.4	
	2305	22.2	22.3	21.6	22.7	21.7	21.8	22.3	
	2306	24.3	24.6	22.7	22.6	24.3	23.8	23.6	
	2307	21.5	21.5	22.5	22.2	22.2	22.5	21.9	
	2308	22.0	23.1	22.4	22.3	23.3	22.6	23.2	
	2309	22.2	22.9	21.9	21.6	20.7	22.0	23.3	
	2310	22.4	23.7	22.9	22.7	22.9	25.4	23.9	
	2311	22.5	20.7	21.4	20.8	22.1	21.1	21.0	
	2312	21.6	21.7	22.8	22.0	21.9	21.6	23.7	
	2313	22.6	22.6	22.2	21.5	21.3	22.8	21.9	
	2314	23.1	24.8	26.7	23.1	23.4	25.9	23.5	
	2315	22.5	23.1	21.6	21.7	22.1	22.0	21.9	
	2316	22.1	21.9	22.2	22.8	23.0	21.9	21.1	
	2317	22.3	20.7	21.8	22.0	21.1	21.6	21.1	
	2318	23.7	23.0	23.4	23.3	23.4	24.5	23.2	
	2319	23.9	23.7	23.6	22.9	23.0	24.1	24.6	
	2320	22.3	20.5	21.4	21.6	21.4	21.6	21.3	
	2321	22.2	22.2	21.0	22.5	21.3	21.5	22.1	
	2322	22.1	21.2	22.8	23.9	22.3	24.0	22.0	
	2323	21.0	22.2	22.1	22.6	21.7	21.9	22.2	
	2324	23.3	22.9	22.1	21.5	21.7	22.9	21.8	
	2325	21.1	20.9	21.2	21.1	21.5	20.8	21.9	



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

BODY WEIGHT CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day					26-7
		21-7	22-7	23-7	24-7	25-7	
3000 ppm	2301	22.6	21.4	22.5	23.9	22.4	22.8
	2302	22.8	23.6	23.7	22.7	23.4	23.8
	2303	20.9	22.0	22.1	22.0	22.1	23.9
	2304	22.2	21.3	22.4	22.7	23.3	23.4
	2305	21.4	21.0	22.5	21.7	22.3	23.0
	2306	23.1	22.8	24.3	24.0	23.7	25.3
	2307	22.1	22.9	22.1	22.5	22.1	23.5
	2308	24.2	23.2	23.1	22.8	23.9	23.5
	2309	21.0	21.9	21.8	21.8	22.6	22.3
	2310	23.3	23.5	22.8	24.6	23.4	24.0
	2311	22.0	21.4	22.0	21.6	21.6	23.1
	2312	21.8	22.0	22.9	22.8	21.8	22.6
	2313	22.2	22.4	23.0	23.0	24.5	22.5
	2314	23.7	24.6	23.1	23.4	23.7	23.9
	2315	22.3	22.7	23.8	22.2	22.4	22.9
	2316	23.1	22.1	23.2	23.4	23.2	24.0
	2317	21.6	22.6	22.4	24.2	21.8	22.2
	2318	23.8	23.0	22.7	23.6	23.8	24.3
	2319	24.7	23.8	23.5	24.7	24.6	25.6
	2320	22.0	22.2	22.0	23.2	23.6	23.5
	2321	21.7	22.5	22.4	22.5	22.0	23.0
	2322	22.8	24.2	23.4	23.0	23.4	23.7
	2323	22.5	22.5	22.4	25.0	23.0	23.2
	2324	21.7	22.7	22.9	23.0	22.3	24.2
	2325	20.9	21.7	22.0	21.7	21.6	22.7

**APPENDIX 6-1**

**FOOD CONSUMPTION CHANGES (INDIVIDUAL) : MALE**

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		1-7(7)	2-7(7)	3-7(7)	4-7(7)	5-7(7)	6-7(7)	7-7(7)
Control	1001	3.3	3.8	3.8	4.1	3.9	4.0	3.8
	1002	4.0	3.9	4.0	4.1	4.0	4.1	4.4
	1003	3.7	3.8	3.4	3.8	3.9	4.1	3.8
	1004	3.9	3.4	3.8	4.1	4.3	4.0	4.5
	1005	3.5	3.7	3.7	3.8	3.8	4.0	3.8
	1006	3.6	3.8	3.9	3.8	3.8	3.9	3.8
	1007	4.1	3.5	4.1	4.0	4.1	4.2	4.0
	1008	3.3	3.8	4.0	4.4	4.0	4.1	4.4
	1009	3.4	4.1	4.7	5.0	4.7	4.7	5.0
	1010	3.7	3.7	4.0	3.5	4.4	4.0	4.1
	1011	3.5	3.6	3.7	4.0	4.0	4.1	4.3
	1012	3.9	3.6	3.8	4.0	4.4	4.0	4.2
	1013	4.1	3.7	4.0	4.4	4.5	4.1	4.5
	1014	3.5	4.0	4.1	4.2	4.3	4.6	4.6
	1015	3.5	3.9	4.1	4.6	4.5	4.8	4.8
	1016	3.8	3.3	4.0	4.3	4.1	4.2	4.1
	1017	3.3	3.2	3.8	4.1	3.9	4.3	3.9
	1018	4.5	3.9	4.2	4.0	4.3	4.7	4.4
	1019	4.0	3.8	3.8	3.8	3.8	3.8	4.0
	1020	4.0	3.6	4.1	4.1	4.2	4.4	4.2
	1021	3.5	4.0	3.9	4.0	4.0	4.1	4.0
	1022	4.2	2.9	3.9	3.6	4.1	4.2	3.7
	1023	3.9	3.5	3.8	4.3	4.7	4.5	4.6
	1024	4.2	4.1	4.6	4.7	4.9	4.8	4.8
	1025	3.7	3.5	4.1	3.9	3.8	3.8	3.8

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		8-7(7)	9-7(7)	10-7(7)	11-7(7)	12-7(7)	13-7(7)	14-7(7)
Control	1001	4.3	4.0	4.2	4.2	4.3	4.1	3.9
	1002	4.4	4.8	4.7	4.9	4.8	4.5	5.0
	1003	3.8	3.9	4.3	3.9	3.9	3.9	4.2
	1004	4.6	4.7	4.8	4.8	4.4	4.4	4.6
	1005	3.9	4.1	4.0	4.0	3.9	3.8	3.8
	1006	4.0	3.9	4.0	3.6	3.8	3.4	3.6
	1007	4.5	4.3	4.3	4.5	4.8	4.3	4.4
	1008	4.3	4.3	4.2	4.5	4.5	4.1	4.4
	1009	4.7	5.0	5.1	4.9	5.0	4.8	5.0
	1010	4.4	4.2	4.1	4.1	4.4	3.9	4.1
	1011	4.4	4.5	4.2	4.3	4.5	4.3	4.4
	1012	4.2	4.3	4.2	4.3	4.1	4.3	4.4
	1013	4.8	4.8	5.1	4.7	5.0	4.8	4.5
	1014	4.6	4.4	4.7	4.4	4.8	4.7	4.3
	1015	5.1	5.2	5.3	5.1	5.5	5.3	5.5
	1016	4.3	4.5	4.5	4.2	4.4	4.2	4.2
	1017	4.5	4.6	4.5	4.7	4.7	4.7	4.3
	1018	4.9	4.7	4.6	4.6	4.8	4.7	4.8
	1019	4.0	4.0	4.0	4.1	4.0	3.7	4.0
	1020	4.4	4.6	4.3	4.6	4.5	4.2	4.5
	1021	4.2	4.2	4.2	4.2	4.2	4.0	3.9
	1022	4.2	4.2	4.1	4.3	4.0	3.9	3.9
	1023	4.7	4.8	5.4	5.0	4.8	5.0	5.3
	1024	4.8	5.1	5.1	4.9	5.0	5.1	5.1
	1025	3.8	3.8	3.9	3.8	4.8	3.4	3.5

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		15-7(7)	16-7(7)	17-7(7)	18-7(7)	19-7(7)	20-7(7)	21-7(7)
Control	1001	4.3	4.4	4.5	4.4	3.9	4.0	4.5
	1002	4.8	4.7	4.4	4.6	4.8	4.8	5.0
	1003	3.8	3.9					
	1004	4.6	4.4	4.3	4.5	4.5	4.8	4.8
	1005	3.9	3.7	3.7	4.0	3.8	3.6	3.8
	1006	3.8	3.6	3.8	3.9	3.7	3.9	3.8
	1007	4.3	4.1	4.7	4.4	4.6	4.7	4.9
	1008	4.3	4.2	4.5	4.3	4.4	4.4	4.5
	1009	4.7	4.7	4.7	4.9	4.8	4.8	5.1
	1010	4.5	4.0	4.3	4.2	4.4	4.2	4.5
	1011	4.5	4.6	4.4	4.5	4.5	4.8	4.9
	1012	4.2	4.0	4.3	4.2	4.3	4.3	4.5
	1013	4.4	4.8	4.8	4.8	4.9	5.1	4.8
	1014	4.5	4.4	4.4	4.6	4.5	4.9	4.8
	1015	5.1	5.3	5.2	5.1	4.9	5.2	4.9
	1016	4.5	4.2	4.2	4.1	4.1	4.4	4.3
	1017	4.7	4.9	4.5	4.5	4.5	4.6	4.7
	1018	4.8	4.8	5.0	4.7	4.5	5.0	4.9
	1019	4.0	3.8	3.8	4.0	3.8	4.1	3.7
	1020	4.4	4.2	4.4	4.0	4.2	4.7	4.5
	1021	3.9	4.1	4.0	4.1	4.2	4.0	4.0
	1022	4.1						
	1023	4.8	4.7	4.9	5.4	5.1	5.5	5.6
	1024	4.8	4.7	4.6	4.9	4.7	5.0	4.9
	1025	3.7	4.1	3.7	3.7	3.6	3.6	3.6

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)				
		22-7(7)	23-7(7)	24-7(7)	25-7(7)	26-7(7)
Control	1001	4.6	3.9	4.8	4.3	4.7
	1002	5.2	4.7	5.4	4.8	5.0
	1003					
	1004	4.9	4.8	4.8	4.6	4.9
	1005	4.1	3.9	4.1	3.8	4.2
	1006	4.1	3.8	4.3	4.0	4.2
	1007	4.7	4.5	4.6	4.7	4.7
	1008	4.3	4.7	4.8	5.1	4.8
	1009	5.0	4.8	5.1	4.9	5.1
	1010	4.4	4.2	4.4	4.3	4.5
	1011	4.9	4.7	4.7	4.6	4.9
	1012	4.6	4.7	4.6	4.6	4.8
	1013	5.2	4.8	5.2	4.7	5.1
	1014	4.8	4.6	4.7	4.8	4.7
	1015	5.4	5.9	5.7	5.3	5.6
	1016	4.5	4.3	4.7	4.5	4.7
	1017	4.7	4.7	4.7	4.9	5.0
	1018	5.1	4.9	5.0	3.8	1.8
	1019	4.1	4.0	4.1	4.3	4.4
	1020	4.7	4.7	4.6	4.9	5.1
	1021	4.3	4.3	4.2	4.6	4.5
	1022					
	1023	5.7	5.4	5.3	5.7	5.6
	1024	5.1	4.9	4.7	4.6	5.1
	1025	3.8	3.7	4.0	3.9	4.0

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		1-7 (7)	2-7 (7)	3-7 (7)	4-7 (7)	5-7 (7)	6-7 (7)	7-7 (7)
300 ppm	1101	4.0	3.5	3.5	3.7	3.6	3.8	3.5
	1102	3.9	3.7	4.1	4.2	4.5	4.6	4.7
	1103	4.1	3.9	4.1	4.6	4.4	4.5	4.8
	1104	3.6	3.3	3.6	3.6	3.7	3.8	4.0
	1105	4.2	4.3	4.2	4.3	4.7	4.6	4.7
	1106	4.0	3.3	3.5	4.0	4.1	4.1	4.1
	1107	4.4	4.1	4.4	4.9	4.8	4.9	5.0
	1108	4.1	3.9	4.3	4.5	4.6	4.6	4.8
	1109	4.3	3.7	3.7	3.9	4.0	3.7	4.1
	1110	4.0	3.8	4.0	3.9	3.9	3.8	3.9
	1111	4.5	3.5	3.9	4.1	4.3	4.3	4.4
	1112	4.4	3.9	4.2	4.5	4.6	4.9	4.7
	1113	3.9	3.6	3.3	3.9	4.1	4.0	3.9
	1114	4.4	4.2	3.9	4.5	4.8	4.6	4.6
	1115	3.6	3.7	3.8	4.2	4.2	4.3	4.7
1116	4.4	4.2	4.1	4.4	4.6	4.5	4.8	
1117	4.3	3.4	3.5	3.8	4.2	4.3	4.0	
1118	4.5	3.3	3.9	4.2	4.1	4.3	4.5	
1119	3.6	3.9	3.6	4.0	3.8	3.9	4.1	
1120	4.0	3.6	3.9	3.8	3.8	4.0	4.1	
1121	3.7	3.7	3.7	3.9	4.0	4.2	4.6	
1122	3.5	3.1	3.8	3.8	3.9	3.9	4.0	
1123	3.4	3.8	4.0	4.1	4.2	4.1	4.1	
1124	3.6	3.7	3.8	3.9	3.8	4.1	4.0	
1125	3.6	3.9	4.4	4.1	4.1	4.2	4.2	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		8-7(7)	9-7(7)	10-7(7)	11-7(7)	12-7(7)	13-7(7)	14-7(7)
300 ppm	1101	3.7	4.0	3.9	4.1	4.1	3.9	3.9
	1102	4.9	4.6	4.8	4.8	4.5	4.7	4.4
	1103	4.8	5.0	5.3	4.8	5.1	4.9	5.2
	1104	4.0	3.9	3.8	3.9	3.8	3.9	3.9
	1105	4.6	4.8	4.7	4.7	4.5	4.8	4.6
	1106	4.3	4.4	4.4	4.2	4.6	4.2	4.2
	1107	5.1	5.2	5.3	5.0	5.3	5.0	4.8
	1108	4.9	4.9	4.9	5.1	5.0	4.9	5.1
	1109	3.8	4.1	3.9	4.1	4.0	4.1	3.8
	1110	3.7	4.1	4.1	4.0	4.0	3.9	3.9
	1111	4.2	4.4	4.4	4.4	4.6	4.4	4.3
	1112	4.8	4.8	4.8	4.9	4.9	5.0	4.9
	1113	4.2	4.5	4.4	4.7	4.5	4.2	4.3
	1114	4.5	4.8	4.8	4.8	4.8	4.9	4.7
	1115	4.6	4.8	5.0	4.8	4.9	5.1	4.8
1116	4.5	4.9	5.0	4.8	4.8	4.7	4.8	
1117	4.0	4.3	4.3	4.3	4.2	4.2	4.0	
1118	4.3	4.4	4.6	4.4	4.6	4.5	4.3	
1119	4.2	4.2	4.3	4.2	4.1	4.2	3.9	
1120	3.9	4.2	4.3	4.1	4.1	3.8	3.8	
1121	4.5	4.4	4.4	4.7	4.8	4.0	4.4	
1122	4.0	3.8	4.2	3.9	4.1	3.8	3.7	
1123	4.0	4.4	4.4	4.4	4.6	4.5	4.7	
1124	4.3	4.1	4.5	4.1	4.4	4.1	4.2	
1125	4.6	4.6	4.9	4.6	4.5	4.4	4.5	



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		15-7(7)	16-7(7)	17-7(7)	18-7(7)	19-7(7)	20-7(7)	21-7(7)
300 ppm	1101	3.9	3.7	3.9	3.9	3.8	4.1	4.1
	1102	4.8	4.7	4.6	4.5	4.8	5.4	4.6
	1103	5.0	4.9	4.7	5.0	4.8	5.3	4.8
	1104	3.9	4.1	3.9	3.8	3.9	4.1	4.1
	1105	4.9	4.8	4.9	4.7	4.8	5.2	5.2
	1106	4.5	4.6	3.8	4.5	4.5	4.6	4.5
	1107	5.1	5.3	5.2	5.3	5.6	5.6	5.3
	1108	5.1	5.1	4.8	5.0	4.7	5.4	5.2
	1109	4.0	3.6	4.1	3.8	3.8	4.1	4.1
	1110	3.9	3.8	3.9	3.9	3.9	4.0	4.2
	1111	4.5	4.2	4.1	4.5	4.5	4.7	4.5
	1112	5.1	4.9	5.0	4.5	4.7	5.1	4.9
	1113	4.5	4.5	4.5	4.3	4.2	4.5	4.6
	1114	5.0	4.8	4.7	4.8	4.4	4.9	4.7
	1115	4.6	4.9	4.7	4.6	4.4	4.8	5.3
	1116	4.8	4.9	5.2	4.7	4.5	4.8	5.2
	1117	4.5	4.0	4.1	4.0	4.2	4.6	4.2
	1118	4.8	4.7	4.7	4.4	4.7	4.8	5.0
	1119	4.4	4.0	4.3	4.0	4.3	4.5	4.4
	1120	4.0	3.9	4.0	4.0	3.9	4.4	4.2
	1121	4.4	4.2	4.4	4.3	4.1	4.8	4.8
	1122	3.7	3.9	3.9	4.0	3.8	3.6	3.9
	1123	5.0	4.8	4.8	4.6	4.7	4.9	4.9
	1124	4.4	4.4	4.3	4.2	4.2	4.4	4.4
	1125	4.6	4.5	4.2	4.6	4.5	4.7	4.5

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)				
		22-7(7)	23-7(7)	24-7(7)	25-7(7)	26-7(7)
300 ppm	1101	4.1	4.3	4.1	4.3	4.2
	1102	5.6	6.0	5.3	5.2	5.3
	1103	5.1	5.3	5.3	5.2	5.5
	1104	4.0	4.0	4.3	4.3	4.2
	1105	5.0	5.2	4.8	5.1	5.2
	1106	5.0	4.6	4.8	4.4	4.7
	1107	5.7	5.4	5.5	5.4	5.6
	1108	4.9	5.2	5.2	5.1	5.3
	1109	4.0	3.9	4.2	4.2	4.5
	1110	4.1	4.1	4.3	4.2	4.6
	1111	4.4	4.6	4.9	4.5	4.8
	1112	5.3	5.0	5.3	5.2	5.3
	1113	4.6	4.6	4.5	4.7	4.8
	1114	5.0	4.8	4.9	5.1	5.0
	1115	4.6	4.6	4.9	5.0	5.6
1116	5.4	5.3	5.0	5.2	5.7	
1117	4.4	4.4	4.8	4.8	4.7	
1118	5.1	5.3	5.0	5.2	5.6	
1119	4.6	4.2	4.2	4.5	4.9	
1120	4.4	4.3	4.1	4.2	4.6	
1121	4.3	4.6	4.3	4.9	4.5	
1122	3.9	4.0	4.3	3.9	4.6	
1123	4.9	4.9	4.9	4.8	5.0	
1124	4.4	4.2	4.8	4.5	4.3	
1125	4.7	4.9	5.0	5.0	5.0	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		1-7(7)	2-7(7)	3-7(7)	4-7(7)	5-7(7)	6-7(7)	7-7(7)
1000 ppm	1201	4.2	3.7	3.2	3.6	3.6	3.7	3.8
	1202	4.2	3.8	4.1	4.1	4.3	4.3	4.7
	1203	3.8	3.8	3.6	4.1	4.2	4.2	4.0
	1204	3.8	4.1	3.6	3.9	3.6	3.8	3.7
	1205	4.1	3.9	3.8	3.9	3.9	4.1	3.9
	1206	3.7	3.7	3.8	4.0	3.8	4.1	4.2
	1207	3.7	3.5	3.8	4.1	4.0	4.2	4.3
	1208	4.4	3.9	3.9	4.1	4.0	4.2	4.2
	1209	3.9	3.4	3.6	3.5	3.6	3.8	3.8
	1210	3.6	3.5	3.8	3.7	3.7	3.9	3.7
	1211	4.5	3.8	4.0	4.3	4.7	4.7	5.1
	1212	3.7	3.3	3.9	3.7	4.3	4.2	4.5
	1213	4.4	3.9	4.1	4.4	4.6	4.5	4.9
	1214	4.0	3.6	4.0	4.2	3.7	3.8	4.1
	1215	4.0	3.6	3.7	3.9	3.9	4.0	3.8
	1216	3.8	3.5	3.9	3.8	4.1	4.3	4.2
	1217	4.4	4.0	3.9	3.8	3.6	3.9	4.0
	1218	3.8	3.7	3.5	3.8	3.7	4.0	3.8
	1219	4.2	4.0	4.0	4.2	4.4	4.6	4.5
	1220	3.6	4.3	3.7	4.3	4.3	4.8	4.8
	1221	3.9	3.8	4.0	4.1	4.1	4.1	4.4
	1222	4.1	3.8	3.9	4.3	4.0	4.3	4.4
	1223	4.3	3.5	3.8	4.0	4.1	4.4	4.4
	1224	4.3	3.9	3.9	4.1	4.4	4.3	4.5
	1225	4.2	3.8	3.7	4.3	3.9	4.2	3.5

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		8-7(7)	9-7(7)	10-7(7)	11-7(7)	12-7(7)	13-7(7)	14-7(7)
1000 ppm	1201	3.8	3.9	4.0	4.0	3.9	3.8	3.8
	1202	4.3	4.6	4.7	4.9	4.8	4.7	4.8
	1203	4.2	4.6	4.6	4.5	4.4	4.7	4.8
	1204	4.0	4.2	4.2	4.1	3.9	4.0	4.0
	1205	3.9	4.3	4.2	3.9	4.1	4.0	3.8
	1206	4.5	4.4	4.3	4.5	4.5	4.6	4.2
	1207	4.2	4.3	4.3	4.4	4.4	4.2	4.3
	1208	4.2	4.4	4.4	4.4	4.2	4.4	4.2
	1209	4.0	4.0	4.1	4.0	4.1	4.1	4.0
	1210	3.9	3.9	4.2	4.1	4.0	4.2	3.9
	1211	5.0	5.2	5.1	4.9	4.9	5.3	4.8
	1212	4.4	4.3	4.4	4.2	4.3	4.4	4.4
	1213	4.8	4.8	4.8	4.8	4.8	4.8	4.6
	1214	4.2	4.3	4.3	4.3	4.7	4.3	4.8
	1215	4.0	3.7	3.8	4.2	3.9	4.0	4.2
	1216	4.4	4.5	4.5	4.3	4.3	4.3	4.3
	1217	4.2	4.3	4.2	4.3	4.2	4.2	4.2
	1218	3.6	3.9	4.0	4.2	3.7	4.1	3.7
	1219	4.6	4.8	5.1	4.9	4.9	5.2	5.0
	1220	4.8	5.4	5.4	5.3	5.3	5.3	5.2
	1221	4.4	4.4	4.5	4.5	4.5	4.3	4.3
	1222	4.5	4.4	4.3	4.7	4.5	4.4	4.6
	1223	4.3	4.5	4.7	4.4	4.4	4.3	4.3
	1224	4.8	4.4	4.5	4.5	4.3	4.6	4.6
	1225	4.2	4.3	4.4	4.0	4.2	4.5	4.0

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		15-7(7)	16-7(7)	17-7(7)	18-7(7)	19-7(7)	20-7(7)	21-7(7)
1000 ppm	1201	3.9	3.9	3.9	3.9	3.6	4.0	4.1
	1202	4.7	4.8	5.0	5.1	4.9	4.9	4.8
	1203	4.6	4.7	4.5	4.7	4.6	4.9	5.1
	1204	3.9	4.0	4.0	4.2	4.2	4.6	4.4
	1205	3.7	4.0	3.7	3.8	3.9	4.0	4.0
	1206	4.3	4.7	4.6	4.7	4.9	5.1	4.7
	1207	4.3	4.0	4.3	4.4	4.5	4.5	4.3
	1208	4.4	4.3	4.3	4.3	4.0	4.7	4.3
	1209	4.0	3.9	4.0	4.0	4.1	3.9	4.0
	1210	4.2	4.0	4.3	4.0	4.1	4.3	4.3
	1211	5.1	5.2	5.1	4.8	5.3	5.4	5.2
	1212	4.5	4.2	4.2	4.4	4.5	4.2	4.4
	1213	5.0	4.5	4.6	5.0	4.9	5.1	5.2
	1214	4.7	4.5	4.3	4.4	4.5	4.7	4.5
	1215	4.1	4.2	4.1	4.0	4.2	4.6	4.5
	1216	4.5	4.2	4.5	4.6	4.5	4.7	4.6
	1217	4.3	4.2	4.2	4.3	4.3	4.4	4.4
	1218	4.0	3.7	4.1	3.7	3.9	3.9	4.2
	1219	5.2	5.1	4.9	4.8	5.3	5.3	5.3
	1220	5.5	5.4	5.2	5.8	5.6	5.7	5.9
1221	4.3	4.3	4.3	4.3	4.2	4.6	4.7	
1222	4.4	4.7	4.7	4.6	4.5	4.5	4.3	
1223	4.4	4.2	4.4	4.4	4.2	4.2	4.2	
1224	4.6	4.8	4.4	4.6	4.4	5.1	5.0	
1225	3.8	3.9	3.9	4.2	3.9	4.1	4.3	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)				
		22-7(7)	23-7(7)	24-7(7)	25-7(7)	26-7(7)
1000 ppm	1201	4.2	4.1	4.3	4.0	4.4
	1202	4.9	4.9	5.5	5.1	5.3
	1203	5.3	4.6	4.8	5.0	5.1
	1204	4.4	4.6	4.3	4.4	4.5
	1205	3.9	4.3	4.1	4.1	4.4
	1206	5.5	4.9	5.1	5.3	5.6
	1207	4.4	4.5	4.4	4.6	4.5
	1208	4.7	4.9	4.7	4.5	4.8
	1209	4.1	4.3	4.1	4.0	4.1
	1210	4.2	4.3	4.5	4.5	4.7
	1211	5.5	5.3	5.2	5.4	5.4
	1212	4.3	4.5	4.9	4.6	5.0
	1213	5.1	5.4	5.4	5.4	5.5
	1214	4.9	5.1	4.9	4.8	4.8
	1215	4.2	4.0	4.4	4.3	4.6
	1216	4.8	4.8	4.8	4.9	4.8
	1217	4.6	4.8	4.7	4.7	4.8
	1218	4.4	4.1	4.1	4.5	4.5
	1219	5.2	5.2	5.6	5.5	5.8
	1220	5.6	6.2	6.4	6.0	6.2
	1221	4.9	4.7	4.7	4.9	4.9
	1222	4.7	5.0	4.9	4.7	5.0
	1223	5.1	4.6	4.7	4.6	5.1
	1224	5.2	5.0	5.4	5.2	5.4
	1225	4.3	4.0	4.2	4.2	4.4

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		1-7 (7)	2-7 (7)	3-7 (7)	4-7 (7)	5-7 (7)	6-7 (7)	7-7 (7)
3000 ppm	1301	3.2	3.4	3.4	3.6	3.3	3.6	3.3
	1302	3.5	4.4	3.5	3.9	3.6	3.5	3.8
	1303	3.5	3.2	3.5	3.4	3.4	3.6	3.5
	1304	3.5	3.5	3.3	3.3	3.2	3.6	3.2
	1305	4.1	3.7	3.3	3.6	3.4	3.5	3.2
	1306	4.0	3.2	3.1	3.6	3.5	3.6	3.6
	1307	3.9	3.4	3.3	3.5	3.4	3.6	3.5
	1308	3.3	3.1	3.3	3.5	3.4	3.2	3.3
	1309	4.0	3.4	3.4	3.6	3.8	3.7	3.5
	1310	3.7	3.4	3.4	3.5	3.7	3.8	3.7
	1311	3.4	3.3	3.3	3.6	3.6	3.8	3.4
	1312	4.2	3.5	3.4	3.8	3.5	3.9	3.7
	1313	4.5	3.3	3.8	3.8	3.7	4.4	3.4
	1314	4.3	3.4	3.7	4.1	3.9	4.2	3.7
	1315	3.8	3.3	3.2	3.5	3.5	3.5	3.6
	1316	3.7	3.8	3.9	3.5	3.4	3.9	3.2
	1317	4.0	3.8	3.3	3.9	3.7	3.9	4.1
	1318	3.7	4.2	3.6	3.8	3.6	3.8	3.6
	1319	3.4	3.2	3.2	3.5	3.6	3.7	3.6
	1320	3.5	3.8	3.6	3.4	3.6	3.4	3.1
1321	3.6	1.3	5.0	3.3	3.4	3.6	3.8	
1322	3.9	3.5	3.9	4.0	3.9	4.0	3.9	
1323	4.0	4.5	4.2	3.5	3.2	3.9	4.1	
1324	3.7	3.8	3.7	3.8	3.9	4.2	3.7	
1325	3.6	3.7	3.3	3.6	3.5	3.7	3.4	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		8-7(7)	9-7(7)	10-7(7)	11-7(7)	12-7(7)	13-7(7)	14-7(7)
3000 ppm	1301	3.2	3.5	3.5	3.1	3.7	3.5	3.3
	1302	3.6	3.8	3.6	3.8	3.7	3.6	3.7
	1303	3.4	3.5	3.4	3.5	3.7	3.7	3.4
	1304	3.5	3.4	3.5	3.2	3.5	3.5	3.5
	1305	3.4	3.6	3.4	3.6	3.8	3.7	3.6
	1306	3.4	3.7	3.7	3.6	3.7	3.8	3.8
	1307	3.6	3.7	3.6	3.7	3.9	3.8	3.7
	1308	3.5	3.4	3.6	3.7	3.6	3.4	3.6
	1309	3.9	3.6	3.6	3.5	3.7	3.6	3.7
	1310	3.6	3.8	3.9	4.2	3.8	4.0	4.3
	1311	3.7	3.8	4.1	3.7	4.1	3.5	3.8
	1312	3.4	3.7	3.8	3.8	3.8	3.6	3.6
	1313	3.6	3.9	4.0	4.1	4.0	3.7	3.9
	1314	4.2	3.7	3.8	4.1	4.1	4.0	3.9
	1315	3.7	3.8	3.8	3.7	3.7	3.8	3.5
	1316	3.3	3.7	3.4	3.5	3.7	3.7	3.6
	1317	3.9	4.1	4.1	4.3	3.9	4.0	4.5
	1318	3.5	3.9	3.9	4.0	4.1	3.6	3.3
	1319	3.7	3.8	3.9	3.8	3.8	3.8	3.9
	1320	3.6	3.3	3.8	3.3	3.9	3.5	3.3
1321	3.9	3.9	3.6	3.9	3.9	3.7	3.6	
1322	4.2	4.1	4.4	4.3	4.0	4.0	4.1	
1323	3.3	3.8	3.7	3.9	3.9	3.9	3.8	
1324	3.9	4.1	4.0	3.9	4.0	3.8	3.8	
1325	3.8	3.8	3.8	3.8	3.6	3.8	3.6	



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		15-7(7)	16-7(7)	17-7(7)	18-7(7)	19-7(7)	20-7(7)	21-7(7)
3000 ppm	1301	3.6	3.4	3.4	3.3	3.4	3.3	3.5
	1302	4.0	3.6	3.5	3.8	3.8	3.7	3.9
	1303	3.6	3.6	3.4	3.6	3.3	3.4	3.4
	1304	3.6	3.3	3.4	3.5	3.4	3.4	3.5
	1305	3.6	3.6	3.5	3.6	3.6	3.6	3.6
	1306	3.9	3.6	3.7	3.9	4.1	4.1	4.1
	1307	3.4	3.7	3.5	3.5	3.5	3.7	3.9
	1308	3.6	3.5	3.5	3.5	3.6	3.6	3.6
	1309	3.5	3.6	3.5	3.8	3.5	3.8	3.6
	1310	3.9	4.0	4.0	3.8	3.8	3.9	4.2
	1311	3.7	3.7	3.6	4.0	3.9	3.7	3.8
	1312	3.8	3.8	3.3	3.5	3.5	3.6	3.5
	1313	3.8	4.2	4.1	4.1	3.6	4.0	3.9
	1314	3.9	4.0	3.9	4.0	3.9	4.2	3.9
	1315	3.7	3.6	3.6	3.9	3.4	3.7	3.9
	1316	3.5	3.4	3.6	3.5	3.6	3.3	3.5
	1317	4.0	4.2	3.9	4.2	4.1	4.2	4.2
	1318	4.0	3.9	3.7	3.9	3.5	3.8	4.0
	1319	3.8	4.1	3.9	4.0	3.8	4.0	4.0
	1320	3.7	3.5	3.4	3.7	3.2	3.6	3.5
1321	3.7	3.8	3.5	3.7	3.7	3.6	3.5	
1322	4.0	3.8	3.9	3.9	4.1	4.1	4.1	
1323	3.5	3.7	3.4	3.6	3.4	3.6	3.5	
1324	3.9	3.9	4.0	4.0	3.7	4.0	4.0	
1325	3.7	4.0	3.5	3.6	3.5	3.7	3.8	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : MALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)				
		22-7(7)	23-7(7)	24-7(7)	25-7(7)	26-7(7)
3000 ppm	1301	3.5	3.5	3.7	3.4	3.7
	1302	3.6	4.1	4.1	4.0	4.4
	1303	3.5	3.4	3.6	3.6	3.7
	1304	3.7	3.1	3.7	3.5	3.2
	1305	3.9	3.6	3.7	3.6	4.1
	1306	4.1	4.2	4.2	3.9	4.4
	1307	3.6	3.8	3.9	3.7	4.0
	1308	3.5	3.7	4.1	3.8	4.2
	1309	3.8	3.9	3.9	3.7	4.2
	1310	4.0	4.0	4.3	3.9	4.5
	1311	4.1	3.7	4.3	4.0	4.4
	1312	3.7	3.6	3.8	3.6	4.1
	1313	3.9	4.0	4.3	4.5	4.5
	1314	4.2	4.1	4.4	4.2	4.6
	1315	3.6	3.8	4.0	3.7	4.6
	1316	3.6	3.8	3.7	3.4	3.6
	1317	4.8	4.4	4.4	4.4	4.9
	1318	3.8	3.7	4.2	3.8	4.3
	1319	4.0	4.0	3.8	4.1	4.4
	1320	3.8	3.5	3.9	3.4	3.5
1321	3.8	3.8	3.8	3.8	3.9	
1322	4.2	4.2	4.3	4.4	4.2	
1323	3.7	3.7	3.7	3.5	4.2	
1324	4.2	4.1	4.0	4.0	4.6	
1325	3.8	3.9	3.7	3.8	4.3	

**APPENDIX 6-2**

**FOOD CONSUMPTION CHANGES (INDIVIDUAL) : FEMALE**

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
UNIT : g  
REPORT TYPE : A1 26  
SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		1-7 (7)	2-7 (7)	3-7 (7)	4-7 (7)	5-7 (7)	6-7 (7)	7-7 (7)
Control	2001	3.0	3.0	3.2	2.9	3.1	3.4	3.3
	2002	4.1	2.9	2.9	3.1	3.5	3.8	3.7
	2003	3.1	3.0	3.3	3.7	4.1	3.9	4.0
	2004	3.3	3.1	3.3	3.6	3.7	3.8	4.0
	2005	3.2	3.3	3.2	3.6	3.8	3.7	4.0
	2006	3.5	3.1	3.0	3.5	2.5	3.6	3.8
	2007	3.4	2.8	3.2	3.4	3.3	3.6	3.7
	2008	3.3	3.1	2.6	3.2	3.5	3.7	3.6
	2009	3.4	3.4	3.0	3.7	3.8	4.0	4.3
	2010	3.2	3.1	2.7	3.4	3.4	3.9	3.7
	2011	3.1	3.1	3.4	3.4	3.6	3.8	4.3
	2012	3.8	3.0	2.7	2.9	3.0	3.5	3.4
	2013	3.6	3.5	3.7	3.9	4.0	4.2	4.3
	2014	3.4	3.1	3.0	3.5	3.3	3.5	3.8
	2015	3.1	3.1	3.1	3.4	3.5	3.4	3.6
	2016	3.5	3.4	3.6	3.7	3.8	4.0	4.0
	2017	3.2	3.1	3.3	3.2	3.9	3.3	3.6
	2018	4.7	2.6	2.8	3.1	3.1	3.3	3.6
	2019	3.4	2.9	3.3	3.4	3.7	3.5	3.8
	2020	3.0	2.8	3.0	3.3	3.3	3.3	3.5
	2021	3.7	2.9	3.0	3.3	3.4	4.0	3.7
	2022	3.9	3.1	3.0	3.2	3.3	3.4	4.0
	2023	3.3	2.7	2.9	3.1	3.0	3.5	3.3
	2024	3.7	3.0	2.8	3.1	3.2	3.4	3.7
	2025	4.0	3.5	3.5	3.8	3.3	3.7	4.0

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		8-7(7)	9-7(7)	10-7(7)	11-7(7)	12-7(7)	13-7(7)	14-7(7)
Control	2001	3.6	3.9	3.9	3.6	3.7	3.5	3.8
	2002	3.7	4.0	4.1	3.9	3.9	3.6	3.8
	2003	4.1	4.4	3.8	3.9	3.9	4.1	3.9
	2004	4.0	3.8	3.7	3.9	3.9	3.7	3.7
	2005	4.2	4.4	4.3	4.1	4.0	4.1	4.1
	2006	4.0	4.0	4.2	4.1	4.1	4.0	4.1
	2007	3.8	3.9	3.7	4.0	3.7	4.5	3.5
	2008	4.1	4.0	4.7	3.3	4.2	4.1	4.0
	2009	4.3	4.4	3.6	3.8	3.8	4.1	3.9
	2010	3.8	4.0	4.0	4.0	3.7	3.9	3.9
	2011	4.2	4.6	4.4	4.4	4.4	4.6	4.5
	2012	3.7	3.6	3.7	3.5	3.7	3.7	3.7
	2013	4.2	4.1	4.2	4.2	3.8	4.2	4.0
	2014	3.6	4.2	3.6	3.8	3.7	3.7	3.9
	2015	3.9	3.7	3.7	3.7	3.9	3.8	3.7
	2016	3.9	3.9	4.2	4.1	4.9	3.9	4.2
	2017	3.6	3.5	3.7	3.7	4.0	3.6	3.7
	2018	3.1	4.0	3.5	3.5	3.7	3.7	4.2
	2019	4.3	4.6	3.7	4.0	3.9	3.8	3.7
	2020	3.6	3.8	3.7	3.6	3.6	3.9	3.3
	2021	3.7	4.1	4.1	4.5	3.3	3.9	4.1
	2022	3.2	3.6	3.7	3.6	3.6	3.6	3.6
	2023	3.7	3.9	3.3	3.4	3.5	3.4	3.7
	2024	3.8	4.0	3.7	3.8	3.7	3.8	4.1
	2025	4.0	4.1	4.0	3.9	3.8	3.9	4.0

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		15-7(7)	16-7(7)	17-7(7)	18-7(7)	19-7(7)	20-7(7)	21-7(7)
Control	2001	3.7	3.4	3.9	3.5	3.8	3.7	3.8
	2002	3.6	3.7	4.2	3.7	3.9	4.4	4.3
	2003	3.8	3.9	4.0	3.8	3.8	4.2	4.2
	2004	3.9	3.8	3.9	3.9	4.4	3.5	4.1
	2005	4.2	4.1	4.3	4.1	4.1	4.4	4.5
	2006	4.0	4.3	4.3	4.8	3.4	4.5	4.7
	2007	3.8	3.9	4.2	4.2	4.0	4.1	4.1
	2008	4.2	4.3	4.1	4.0	4.0	4.5	5.1
	2009	4.2	4.1	4.1	4.3	4.1	4.6	4.6
	2010	3.9	4.4	3.3	3.7	4.0	4.3	4.0
	2011	4.3	4.4	4.6	4.7	4.5	4.7	5.1
	2012	3.8	3.6	3.7	3.8	3.5	3.9	3.8
	2013	4.0	3.8	4.1	4.0	4.2	4.5	4.3
	2014	4.1	4.7	3.4	4.0	3.8	4.1	4.4
	2015	3.6	3.7	3.9	3.6	3.6	3.8	4.0
	2016	4.5	4.7	4.4	4.2	4.4	4.3	4.5
	2017	4.0	3.8	4.0	4.0	4.0	4.4	4.1
	2018	3.0	3.8	3.6	3.9	4.0	3.9	4.1
	2019	3.7	3.8	3.8	3.8	3.5	4.2	4.4
	2020	3.3	3.8	3.6	3.7	4.3	3.4	4.1
	2021	4.6	3.4	4.2	4.2	5.1	4.2	4.7
	2022	3.3	3.7	3.4	3.8	4.1	3.1	3.8
	2023	3.6	3.7	4.3	3.0	3.5	3.8	4.9
	2024	3.5	3.9	3.8	3.9	4.1	4.9	3.1
	2025	4.7	3.5	4.0	3.9	4.5	4.4	4.1

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)				
		22-7 (7)	23-7 (7)	24-7 (7)	25-7 (7)	26-7 (7)
Control	2001	3.7	3.8	4.2	3.8	4.1
	2002	4.3	4.1	4.6	4.0	4.5
	2003	4.1	4.1	4.1	4.2	4.3
	2004	4.0	4.1	3.9	4.3	4.3
	2005	4.9	4.7	4.7	4.9	5.2
	2006	4.4	4.6			
	2007	4.2	4.1	3.8	4.4	4.4
	2008	4.0	4.3	4.7	4.7	5.1
	2009	4.7	4.4	4.5	4.6	4.7
	2010	4.2	4.1	4.1	4.1	4.3
	2011	4.9	5.2	5.0	4.9	4.7
	2012	3.7	4.0	4.0	3.5	3.9
	2013	4.2	4.4	4.2	4.4	4.4
	2014	5.3	5.0	3.5	5.4	3.6
	2015	3.8	4.0	3.8	4.1	4.0
	2016	4.7	4.6	4.6	4.7	4.7
	2017	4.4	4.4	4.5	4.9	3.9
	2018	3.5	4.2	4.2	4.5	3.9
	2019	4.4	4.3	3.8	4.2	4.6
	2020	4.0	4.0	4.1	4.3	4.3
	2021	3.7	4.7	4.4	4.5	5.2
	2022	3.7	3.9	4.5	3.6	3.7
	2023	3.1	3.8	3.9	4.2	4.1
	2024	4.0	4.2	4.1	3.9	4.4
	2025	4.8	4.6	4.5	5.0	5.6

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		1-7 (7)	2-7 (7)	3-7 (7)	4-7 (7)	5-7 (7)	6-7 (7)	7-7 (7)
300 ppm	2101	3.3	2.9	2.9	3.2	3.4	3.7	3.7
	2102	2.8	2.9	3.1	3.2	3.4	3.5	3.7
	2103	3.1	2.7	3.2	3.5	3.7	4.1	3.9
	2104	3.2	3.2	3.3	3.5	3.4	3.7	4.1
	2105	3.0	2.9	3.1	3.6	3.6	3.6	3.7
	2106	3.6	3.3	3.5	3.7	3.6	3.9	3.9
	2107	3.7	3.0	3.4	3.5	3.6	3.5	4.2
	2108	3.3	3.5	3.5	3.5	4.1	4.3	3.7
	2109	3.6	2.9	3.3	3.6	3.9	3.6	4.0
	2110	3.6	2.7	3.2	2.9	3.5	3.2	3.5
	2111	4.0	3.3	2.8	3.4	3.7	4.1	4.1
	2112	3.1	3.0	3.1	3.3	3.5	3.6	3.8
	2113	3.5	3.1	3.2	3.7	3.6	3.8	4.0
	2114	3.7	2.9	2.9	3.2	3.3	3.2	3.6
	2115	3.0	3.3	3.5	3.8	4.2	3.7	4.0
	2116	3.9	2.9	3.2	3.5	3.8	3.7	3.8
	2117	3.2	3.5	3.5	3.7	3.7	3.8	4.0
	2118	4.4	3.0	2.8	3.4	3.5	3.8	3.9
	2119	3.4	3.1	3.2	3.6	4.4	3.3	3.9
	2120	3.9	2.8	3.3	3.6	3.5	3.7	3.6
	2121	3.4	3.2	3.3	3.3	3.5	3.4	3.8
	2122	3.6	3.0	3.2	3.6	3.6	3.8	3.8
	2123	3.4	3.2	3.2	3.3	3.8	3.5	3.9
	2124	3.3	3.0	3.1	3.6	4.1	3.9	3.7
	2125	3.4	3.1	3.3	3.5	3.6	3.4	3.9



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		8-7(7)	9-7(7)	10-7(7)	11-7(7)	12-7(7)	13-7(7)	14-7(7)
300 ppm	2101	3.8	3.7	3.8	3.7	3.7	3.6	3.6
	2102	3.9	3.9	3.6	3.8	3.8	4.2	3.7
	2103	3.8	3.6	3.8	3.9	3.9	3.7	4.0
	2104	3.9	4.0	4.0	4.1	3.9	4.0	3.9
	2105							
	2106	3.8	4.0	3.8	3.8	3.9	3.7	3.7
	2107	4.5	4.3	4.1	3.7	4.1	4.6	4.1
	2108	4.4	4.2	4.1	4.3	3.8	3.9	4.1
	2109	3.9	3.9	4.0	4.0	4.0	4.2	4.0
	2110	3.8	3.8	4.0	4.4	3.2	3.7	3.6
	2111	4.0	4.2	4.0	4.3	4.0	4.9	3.6
	2112	3.7	3.7	3.6	4.2	3.9	3.5	3.9
	2113	4.5	4.5	4.6	4.6	4.3	4.3	4.3
	2114	3.3	3.7	3.9	3.8	3.6	3.8	3.6
	2115	3.8	4.2	4.2	4.1	4.2	4.5	4.2
	2116	4.0	4.2	4.0	3.8	3.9	3.7	3.7
	2117	3.9	4.1	4.0	4.0	4.3	3.7	3.9
	2118	4.0	3.9	3.8	4.0	3.9	3.9	3.9
	2119	4.0	4.2	4.3	4.5	4.2	4.8	3.6
	2120	3.8	3.7	4.0	4.1	4.0	4.4	3.3
	2121	3.8	3.9	4.0	3.7	4.3	3.4	3.8
	2122	3.7	4.0	4.4	3.3	3.8	3.9	3.9
	2123	4.1	4.0	4.1	4.3	3.9	4.0	3.8
	2124	4.0	4.0	4.1	4.0	3.9	3.9	3.9
	2125	3.9	3.9	4.0	4.2	3.5	3.8	3.8

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration 15-7 (7)	week-day(effective) 16-7 (7)	17-7 (7)	18-7 (7)	19-7 (7)	20-7 (7)	21-7 (7)
300 ppm	2101	4.2	3.2	3.8	4.1	3.7	3.8	4.1
	2102	3.7	3.8	4.0	3.9	4.1	4.4	4.0
	2103	4.2	4.1	4.0	3.9	4.0	4.2	4.0
	2104	4.0	4.0	3.7	3.7	3.7	4.2	4.1
	2105							
	2106	4.5	3.5	3.8	3.9	3.9	4.2	4.1
	2107	4.1	4.0	4.3	4.3	4.9	3.6	4.1
	2108	4.0	4.1	3.9	4.1	3.9	4.6	4.2
	2109	4.3	4.3	3.5	3.8	4.3	4.5	4.3
	2110	3.9	4.6	3.4	3.6	3.8	4.1	4.1
	2111	4.2	4.4	4.4	4.2	4.0	5.3	4.0
	2112	4.0	4.1	3.9	3.6	3.6	4.0	4.3
	2113	4.5	4.4	4.4	4.4	4.3	4.9	4.7
	2114	3.6	3.6	3.9	4.6	3.4	3.8	4.2
	2115	4.2	4.2	4.3	3.9	4.1	4.3	4.6
	2116	4.0	3.7	4.2	3.8	4.1	4.1	4.3
	2117	4.2	4.3	4.3	4.4	4.2	4.2	4.6
	2118	4.1	4.3	4.1	3.8	3.8	4.4	4.5
	2119	4.1	4.1	4.2	4.6	4.5	5.0	3.9
	2120	4.1	4.0	3.9	3.7	3.9	4.1	4.3
	2121	3.7	3.9	3.9	3.8	3.8	4.2	4.0
	2122	4.1	4.0	4.0	3.9	4.0	3.9	4.4
	2123	4.4	4.5	4.0	4.0	4.2	4.1	4.4
	2124	4.0	4.2	4.4	3.6	3.9	4.6	4.2
	2125	4.2	3.9	3.9	3.7	4.2	4.1	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)				
		22-7(7)	23-7(7)	24-7(7)	25-7(7)	26-7(7)
300 ppm	2101	4.6	3.5	4.0	4.0	4.3
	2102	4.1	4.1	4.6	5.3	3.4
	2103	4.0	3.8	4.1	4.0	4.1
	2104	4.0	3.9	4.1	4.4	4.3
	2105					
	2106	4.0	4.3	5.3	3.5	4.2
	2107	4.7	5.6	3.9	4.2	4.3
	2108	4.5	4.3	4.3	4.2	5.2
	2109	4.0	3.9	4.5	4.3	4.2
	2110	4.0	3.8	4.1	4.3	4.5
	2111	4.7	4.8	4.9	5.0	5.0
	2112	4.2	4.5	4.4	4.6	4.4
	2113	4.8	5.1	5.0	5.2	5.1
	2114	4.1	4.0	4.4	4.4	5.0
	2115	4.5	4.9	4.6	4.8	4.7
	2116	4.2	4.3	4.2	4.4	4.8
	2117	4.6	4.5	4.4	4.7	4.9
	2118	4.6	5.3	4.9	3.7	4.9
	2119	4.5	4.5	4.7	4.9	5.2
	2120	4.2	4.3	4.6	5.4	3.8
	2121	4.2	4.0	4.1	4.3	4.6
	2122	4.4	4.1	4.4	4.5	4.5
	2123	4.3	4.4	4.7	5.0	4.6
	2124	4.5	4.3	4.8	4.6	4.6
	2125					

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		1-7 (7)	2-7 (7)	3-7 (7)	4-7 (7)	5-7 (7)	6-7 (7)	7-7 (7)
1000 ppm	2201	4.0	3.0	2.8	3.4	3.4	3.6	4.0
	2202	3.9	2.8	2.7	3.2	3.7	3.5	3.6
	2203	2.7	3.2	2.9	3.6	3.6	3.9	4.0
	2204	3.6	2.7	2.9	3.2	3.7	3.5	3.7
	2205	3.4	3.3	3.1	3.4	3.3	3.5	3.6
	2206	2.7	2.9	2.8	3.1	3.2	3.3	3.2
	2207	3.6	3.1	2.8	3.3	3.0	3.3	3.6
	2208	3.3	2.7	3.0	3.3	3.2	3.4	3.6
	2209	3.5	3.3	3.1	3.4	3.3	3.6	3.8
	2210	3.3	2.9	2.9	3.4	3.3	3.5	3.8
	2211	3.4	2.8	2.6	3.2	3.5	3.6	3.7
	2212	3.9	3.3	3.1	3.5	3.6	3.7	3.8
	2213	3.7	3.3	2.8	3.3	3.3	3.4	3.6
	2214	3.1	3.3	3.5	3.6	3.7	4.0	4.2
	2215	3.5	3.3	3.3	3.7	3.6	3.5	4.0
	2216	3.3	3.2	3.6	3.7	3.8	4.1	4.2
	2217	3.9	3.0	3.1	3.3	3.4	3.2	3.6
	2218	3.0	3.0	3.0	3.3	3.2	3.2	3.7
	2219	3.7	2.8	3.0	3.2	3.5	3.9	4.1
	2220	3.7	3.0	2.8	3.6	3.3	3.9	3.4
	2221	3.1	2.8	3.0	3.0	3.2	3.1	3.6
	2222	3.6	3.4	3.2	3.3	3.8	3.3	3.8
	2223	3.5	3.0	2.8	3.5	3.2	3.6	3.9
	2224	3.8	3.0	3.2	3.7	3.8	4.0	4.0
	2225	3.2	2.5	2.7	2.9	3.2	2.8	3.2

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		8-7(7)	9-7(7)	10-7(7)	11-7(7)	12-7(7)	13-7(7)	14-7(7)
1000 ppm	2201	4.1	4.0	4.3	3.9	3.9	4.1	4.1
	2202	3.9	3.8	3.8	3.6	3.7	3.9	3.7
	2203	4.3	4.2	4.2	4.3	4.2	4.4	4.5
	2204	4.0	4.2	3.8	4.1	4.0	4.1	4.0
	2205	3.9	3.9	3.8	3.8	3.8	3.7	3.8
	2206	3.2	3.4	3.3	3.1	3.5	3.4	3.2
	2207	3.8	4.2	3.3	3.4	3.6	3.6	3.6
	2208	4.2	3.6	3.7	3.7	3.8	3.7	3.6
	2209	3.8	1.5					
	2210	3.5	3.7	3.8	3.6	3.8	3.8	3.7
	2211	4.0	3.7	3.8	3.6	3.8	3.7	3.6
	2212	3.9	4.0	4.1	3.8	4.3	3.5	3.9
	2213	3.9	3.8	3.8	3.6	3.8	3.8	3.6
	2214	4.5	4.0	4.3	4.1	4.3	4.2	4.1
	2215	4.1	3.7	3.9	3.7	3.7	3.9	3.7
	2216	4.0	4.2	4.5	4.2	4.4	4.6	4.6
	2217	4.2	3.7	4.0	3.6	3.7	3.8	3.7
	2218	3.4	3.8	4.0	3.8	3.7	3.8	3.8
	2219	4.0	4.2	4.4	4.5	4.3	4.4	4.4
	2220	3.9	4.2	3.9	3.7	4.4	3.5	3.8
	2221	3.6	3.5	3.7	3.8	3.6	3.6	3.9
	2222	4.1	3.5	3.6	3.8	3.8	3.7	4.0
	2223	3.8	4.0	4.0	3.9	3.8	3.8	3.8
	2224	4.0	3.9	4.1	3.9	3.8	3.9	3.6
	2225	3.4	4.0	3.5	3.3	3.6	3.5	3.3

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		15-7(7)	16-7(7)	17-7(7)	18-7(7)	19-7(7)	20-7(7)	21-7(7)
1000 ppm	2201	4.1	3.9	4.2	4.1	4.2	4.1	4.6
	2202	3.8	3.7	3.8	3.6	4.0	4.2	3.9
	2203	4.2	4.5	4.2	4.2	4.2	4.8	4.8
	2204	4.1	4.0	3.8	3.9	4.0	4.2	4.1
	2205	3.9	3.9	3.9	3.7	3.9	4.1	4.2
	2206	4.1	2.9	3.3	3.5	3.6	4.2	3.5
	2207	3.5	3.5	4.0	3.6	3.3	4.0	4.5
	2208	3.9	3.8	4.0	3.8	3.7	4.1	4.5
	2209							
	2210	3.9	3.9	4.4	4.2	3.9	4.4	4.4
	2211	3.7	4.0	3.7	3.7	3.6	4.0	4.1
	2212	3.9	4.3	4.1	3.9	4.1	4.2	4.4
	2213	3.9	3.9	3.9	3.8	3.7	4.0	4.0
	2214	4.1	4.2	4.2	4.3	4.0	4.5	5.2
	2215	3.7	3.6	3.8	3.8	3.9	4.6	4.9
	2216	4.8	5.1	4.1	4.6	5.0	5.6	5.3
	2217	3.9	3.8	4.1	4.0	3.8	4.4	4.9
	2218	3.7	4.0	3.7	3.9	3.9	4.2	4.4
	2219	4.5	4.7	4.6	4.4	4.4	5.5	5.5
	2220	4.3	3.9	3.8	4.2	3.9	4.8	4.5
	2221	3.8	3.6	3.7	3.7	3.7	3.7	3.7
	2222	4.2	3.6	4.0	3.8	4.1	4.0	4.4
	2223	3.8	3.5	3.9	4.0	3.8	4.0	4.4
	2224	4.2	4.6	3.6	3.9	4.0	4.3	4.5
	2225	3.5	3.3	3.4	4.1	3.4	3.3	4.2

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)				
		22-7 (7)	23-7 (7)	24-7 (7)	25-7 (7)	26-7 (7)
1000 ppm	2201	4.4	4.3	4.2	4.2	4.8
	2202	4.3	4.1	4.4	4.2	4.3
	2203	5.0	5.0	5.7	6.0	6.1
	2204	4.3	4.3	4.3	4.3	4.6
	2205	4.1	4.1	4.2	7.0	4.1
	2206	3.7	3.8	3.8	3.5	3.8
	2207	3.1	3.9	4.1	4.0	4.0
	2208	4.0	4.1	4.3	4.2	4.3
	2209					
	2210	4.3	4.4	4.4	4.3	4.5
	2211	3.9	4.1	4.1	4.1	4.0
	2212	4.2	4.5	4.3	4.3	4.2
	2213	3.7	3.9	3.6	2.6	2.3
	2214	5.6	3.8	5.0	5.2	5.5
	2215	4.8	4.6	4.8	4.4	4.2
	2216	5.4	5.4	5.1	5.3	5.5
	2217	3.6	4.3	3.9	4.3	4.7
	2218	4.4	4.3	4.4	4.1	4.4
	2219	5.4	5.3	4.9	5.2	5.3
	2220	4.8	4.9	5.2	3.9	4.6
	2221	3.4	4.0	3.9	4.7	4.0
	2222	4.0	4.3	4.4	4.4	4.4
	2223	4.3	4.3	4.2	4.4	5.0
	2224	4.3	4.3	4.4	4.7	5.3
	2225	3.9	4.0	4.7	3.3	4.1

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		1-7 (7)	2-7 (7)	3-7 (7)	4-7 (7)	5-7 (7)	6-7 (7)	7-7 (7)
3000 ppm	2301	3.6	3.3	3.0	2.9	3.1	3.2	3.0
	2302	3.5	2.9	2.7	2.9	2.7	2.9	3.0
	2303	3.8	4.0	2.5	3.2	3.3	3.7	3.9
	2304	4.1	3.2	3.5	3.7	3.8	3.8	3.3
	2305	3.4	3.0	2.7	3.2	3.6	3.4	3.6
	2306	3.1	3.3	3.6	3.7	3.8	3.8	4.1
	2307	3.7	2.5	2.6	3.1	2.9	3.0	3.1
	2308	3.5	2.8	2.8	3.4	3.3	3.4	3.7
	2309	3.1	2.8	3.1	3.3	3.3	3.7	3.2
	2310	3.4	3.0	2.6	3.2	3.0	3.4	3.5
	2311	3.5	3.0	3.1	3.2	3.4	3.4	3.6
	2312	3.5	2.7	2.9	3.2	3.2	3.4	3.5
	2313	3.3	3.1	2.4	2.9	3.2	3.1	3.2
	2314	3.4	3.0	3.7	3.9	3.8	4.3	3.5
	2315	3.2	2.6	3.0	3.2	3.1	3.5	3.4
	2316	3.4	3.2	3.4	3.4	3.1	3.3	3.6
	2317	3.3	3.2	2.9	3.0	3.1	3.1	2.8
	2318	3.3	3.0	3.2	3.2	3.4	3.5	3.4
	2319	3.4	3.3	3.2	3.4	3.4	3.5	3.3
	2320	3.5	2.8	3.3	2.8	2.9	2.8	2.9
	2321	3.2	3.6	3.1	3.2	2.8	3.1	2.6
	2322	3.1	2.8	3.0	3.4	3.0	3.2	3.0
	2323	3.0	2.8	3.0	3.1	3.1	3.3	3.1
	2324	3.2	2.9	2.9	3.2	3.2	3.7	2.8
	2325	3.3	2.7	2.9	3.3	3.3	3.5	3.3



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration 8-7 (7)	week-day(effective) 9-7 (7)	10-7 (7)	11-7 (7)	12-7 (7)	13-7 (7)	14-7 (7)
3000 ppm	2301	3.2	3.3	3.4	3.3	3.6	3.5	3.4
	2302	3.0	2.9	3.0	3.2	3.1	3.4	3.2
	2303	3.8	4.1	3.7	3.8	3.6	3.7	3.6
	2304	3.9	3.4	3.7	3.5	3.8	3.4	3.7
	2305	3.5	3.7	4.0	3.5	3.6	3.7	3.5
	2306	3.9	3.9	4.2	3.8	3.7	3.8	3.9
	2307	3.3	3.2	3.1	3.3	3.3	3.2	3.6
	2308	3.7	3.9	4.0	3.8	3.8	3.7	3.8
	2309	3.5	3.7	3.6	3.7	3.3	3.6	3.7
	2310	3.3	3.3	3.6	3.4	3.6	3.3	3.6
	2311	3.7	3.6	3.6	3.6	3.4	3.4	3.6
	2312	3.5	3.8	3.7	3.7	3.7	3.4	3.4
	2313	3.8	3.6	3.5	3.6	3.4	3.6	3.5
	2314	4.2	4.3	4.0	4.1	4.3	3.8	3.9
	2315	3.6	3.7	3.4	3.5	3.6	3.6	3.5
	2316	3.4	3.7	3.8	3.5	4.0	3.5	3.4
	2317	3.1	3.3	3.3	3.2	3.3	3.1	3.5
	2318	3.7	3.8	3.8	3.6	3.7	3.9	3.5
	2319	3.6	3.8	3.6	3.7	3.5	3.8	3.6
	2320	3.3	3.3	3.1	3.3	3.2	3.0	3.5
	2321	3.4	3.3	3.4	3.1	3.3	3.4	3.2
	2322	3.3	3.4	3.5	3.5	3.7	3.8	3.0
	2323	3.4	3.4	3.5	3.6	3.2	3.4	3.3
	2324	3.4	3.4	3.4	3.4	3.5	3.4	3.2
	2325	3.4	3.3	3.6	3.5	3.5	3.4	3.3

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)						
		15-7(7)	16-7(7)	17-7(7)	18-7(7)	19-7(7)	20-7(7)	21-7(7)
3000 ppm	2301	3.2	3.4	3.3	3.4	3.1	3.6	3.6
	2302	3.1	3.1	3.1	2.9	3.0	3.2	3.1
	2303	3.6	3.8	3.4	3.7	3.8	3.9	3.9
	2304	3.7	3.7	4.0	3.3	3.7	4.0	3.4
	2305	3.5	3.5	3.7	3.2	3.3	3.6	3.4
	2306	4.1	3.5	4.0	3.8	3.8	4.0	3.8
	2307	3.4	3.5	3.3	3.4	3.4	3.3	3.3
	2308	3.7	3.7	3.7	3.7	3.5	4.1	3.8
	2309	3.6	3.3	3.3	3.3	3.7	4.0	3.3
	2310	3.5	3.4	3.5	3.6	3.9	3.7	3.6
	2311	3.3	3.6	3.6	3.5	3.5	3.9	3.9
	2312	3.5	3.5	3.3	3.5	3.5	3.7	3.1
	2313	3.3	3.4	3.5	3.4	3.5	3.4	3.4
	2314	4.3	4.5	3.3	3.9	4.5	3.9	4.2
	2315	3.7	3.3	3.4	3.6	3.4	3.5	3.3
	2316	3.4	3.5	3.5	3.8	3.4	3.5	3.9
	2317	3.1	3.4	3.4	3.1	3.3	3.3	3.4
	2318	3.5	3.6	3.9	3.7	3.8	3.9	3.8
	2319	3.6	3.5	3.4	3.5	3.8	3.8	3.9
	2320	3.3	3.4	3.5	3.5	3.6	3.5	3.7
	2321	3.3	3.1	3.3	3.1	3.3	3.4	3.3
	2322	3.3	3.5	3.6	3.5	3.3	3.3	3.5
	2323	3.4	3.6	3.5	3.5	3.5	3.7	3.6
	2324	3.2	3.4	3.4	3.5	3.6	3.5	3.6
	2325	3.4	3.4	3.5	3.5	3.4	3.7	3.8

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 UNIT : g  
 REPORT TYPE : A1 26  
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (INDIVIDUAL)  
 ALL ANIMALS

Group Name	Animal ID-NO.	Administration week-day(effective)				
		22-7 (7)	23-7 (7)	24-7 (7)	25-7 (7)	26-7 (7)
3000 ppm	2301	3.5	3.8	4.1	3.5	3.8
	2302	3.4	3.2	3.1	3.5	3.6
	2303	4.1	4.0	4.1	4.2	4.7
	2304	3.9	4.1	4.3	4.1	4.4
	2305	3.6	3.9	4.0	3.8	4.4
	2306	4.0	4.1	4.3	4.1	4.5
	2307	3.8	3.3	3.6	3.6	4.0
	2308	3.8	4.0	3.8	4.2	4.1
	2309	3.7	3.7	3.8	3.8	4.0
	2310	3.8	3.9	4.1	3.8	4.2
	2311	3.9	4.0	4.1	4.2	4.1
	2312	3.6	3.8	3.9	3.7	4.0
	2313	3.6	3.7	3.6	4.1	3.6
	2314	4.3	4.4	4.5	4.5	4.5
	2315	3.6	4.1	3.5	3.9	4.0
	2316	3.8	3.9	4.0	4.2	4.3
	2317	3.5	3.6	4.1	3.2	3.9
	2318	4.2	4.3	4.5	4.2	4.7
	2319	3.8	3.9	4.0	3.9	4.3
	2320	3.7	3.8	4.0	4.1	3.8
	2321	3.5	3.3	3.4	3.3	3.6
	2322	3.7	3.8	3.8	3.9	4.0
	2323	3.8	3.9	4.4	3.7	4.2
	2324	4.0	3.9	4.1	4.1	4.3
	2325	3.9	4.0	3.9	4.0	4.0

APPENDIX 7-1

URINALYSIS (INDIVIDUAL) : MALE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : MALE

URINALYSIS (INDIVIDUAL)

REPORT TYPE : A1

Group Name	Animal ID-NO.	pH							Protein					Glucose					Ketone body					Occult blood			
		5.0	6.0	6.5	7.0	7.5	8.0	8.5	-	±	+	2+	3+	4+	-	±	+	2+	3+	4+	-	±	+	2+	3+		
Control	1001							*					*					*					*				*
	1004							*					*					*					*				*
	1005							*					*					*					*				*
	1006						*						*					*					*				*
	1007							*					*					*					*				*
	1008							*					*					*					*				*
	1009							*					*					*					*				*
	1010							*					*					*					*				*
	1011							*					*					*					*				*
	1012							*					*					*					*				*
	1013							*					*					*					*				*
	1014							*					*					*					*				*
	1015		*					*					*					*					*				*
	1018			*				*					*					*					*				*
	1019							*					*					*					*				*
1020							*					*					*					*				*	
1021							*					*					*					*				*	
1023						*						*					*					*				*	
1025							*					*					*					*				*	
300 ppm	1103							*					*					*					*				*
	1104							*					*					*					*				*
	1106							*					*					*					*				*
	1107							*					*					*					*				*
	1108							*					*					*					*				*
	1114				*			*					*					*					*				*
	1115							*					*					*					*				*
	1117							*					*					*					*				*
	1118							*					*					*					*				*
	1119							*					*					*					*				*
	1120							*					*					*					*				*
	1122							*					*					*					*				*
	1124					*		*					*					*					*				*
1125					*		*					*					*					*				*	

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
MEASURE. TIME : 1  
SEX : MALE

URINALYSIS (INDIVIDUAL)

REPORT TYPE : A1

PAGE : 2

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Group Name	Animal ID-NO.	Urobilinogen ± + 2+ 3+ 4+
Control	1001	*
	1004	*
	1005	*
	1006	*
	1007	*
	1008	*
	1009	*
	1010	*
	1011	*
	1012	*
	1013	*
	1014	*
	1015	*
	1018	*
	1019	*
1020	*	
1021	*	
1023	*	
1025	*	
<hr/>		
300 ppm	1103	*
	1104	*
	1106	*
	1107	*
	1108	*
	1114	*
	1115	*
	1117	*
	1118	*
	1119	*
	1120	*
	1122	*
1124	*	
1125	*	

---

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : MALE

URINALYSIS (INDIVIDUAL)

REPORT TYPE : A1

Group Name	Animal ID-NO.	pH							Protein					Glucose					Ketone body					Occult blood			
		5.0	6.0	6.5	7.0	7.5	8.0	8.5	-	±	+	2+	3+	4+	-	±	+	2+	3+	4+	-	±	+	2+	3+		
1000 ppm	1201		*								*			*				*						*			
	1202										*			*					*					*			
	1203										*			*					*				*				
	1206										*			*					*				*				
	1207										*			*					*				*				
	1208										*			*					*				*				
	1209										*			*					*				*				
	1210					*								*					*				*				
	1213							*						*					*				*				
	1215								*					*					*				*				
	1216							*			*			*					*				*				
	1218								*		*			*					*				*				
	1219								*		*			*					*				*				
	1220								*		*			*					*				*				
	1221								*		*			*					*				*				
1222								*		*			*					*				*					
1225			*							*			*					*				*					
3000 ppm	1303							*			*		*					*				*					
	1304							*			*		*					*				*					
	1305		*								*		*					*				*					
	1307		*								*		*					*				*					
	1308						*				*		*					*				*					
	1311							*			*		*					*				*					
	1312			*							*		*					*				*					
	1313						*				*		*					*				*					
	1314						*				*		*					*				*					
	1315					*					*		*					*				*					
	1316		*								*		*					*				*					
	1318						*				*		*					*				*					
	1319							*			*		*					*				*					
	1320							*			*		*					*				*					
	1322					*					*		*					*				*					
1323			*							*		*					*				*						
1324			*							*		*					*				*						

STUDY NO. : 0919

URINALYSIS (INDIVIDUAL)

ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)

MEASURE. TIME : 1

SEX : MALE

REPORT TYPE : A1

PAGE : 4

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Group Name	Animal ID-NO.	Urobilinogen ± + 2+ 3+ 4+
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1000 ppm	1201	*
	1202	*
	1203	*
	1206	*
	1207	*
	1208	*
	1209	*
	1210	*
	1213	*
	1215	*
	1216	*
	1218	*
	1219	*
	1220	*
	1221	*
1222	*	
1225	*	

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3000 ppm	1303	*
	1304	*
	1305	*
	1307	*
	1308	*
	1311	*
	1312	*
	1313	*
	1314	*
	1315	*
	1316	*
	1318	*
	1319	*
	1320	*
	1322	*
1323	*	
1324	*	

---



APPENDIX 7-2

URINALYSIS (INDIVIDUAL) : FEMALE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

URINALYSIS (INDIVIDUAL)

REPORT TYPE : A1

Group Name	Animal ID-NO.	pH_____							Protein_____					Glucose_____					Ketone body_____					Occult blood_____							
		5.0	6.0	6.5	7.0	7.5	8.0	8.5	-	±	+	2+	3+	4+	-	±	+	2+	3+	4+	-	±	+	2+	3+	4+					
Control	2001					*					*				*						*							*			
	2002					*					*				*						*							*			
	2003			*							*				*						*		*					*			
	2004							*			*				*						*		*					*			
	2005										*			*	*					*	*							*			
	2007					*					*				*						*		*					*			
	2008					*					*				*						*		*					*			
	2009					*					*				*						*		*					*			
	2010				*						*				*						*		*					*			
	2011						*				*				*					*	*		*					*			
	2012						*				*				*						*		*					*			
	2013						*				*				*						*		*					*			
	2014			*							*				*						*		*					*			
	2015						*				*				*						*		*					*			
	2016						*				*				*						*		*					*			
	2017				*						*				*						*		*					*			
	2021				*						*				*						*		*					*			
2022							*			*			*	*					*	*		*					*				
2024						*				*				*						*		*					*				
2025						*				*				*						*		*					*				
300 ppm	2101							*			*				*					*		*					*				
	2102							*			*				*					*		*					*				
	2103			*							*				*					*		*					*				
	2104							*			*		*	*				*	*		*		*				*				
	2106						*				*				*					*		*					*				
	2107			*							*				*					*		*					*				
	2109			*							*				*					*		*					*				
	2110							*			*				*					*		*					*				
	2111			*							*				*					*		*					*				
	2112						*				*				*					*		*					*				
	2113						*				*				*					*		*					*				
	2114			*							*				*					*		*					*				
	2115							*			*				*					*		*					*				
	2116			*							*		*	*					*		*		*				*				
	2118				*						*				*					*		*					*				
	2119			*					*		*				*					*		*					*				
2120				*						*				*					*		*					*					
2121				*						*		*	*					*		*		*			*	*					
2123				*						*				*					*		*					*					
2124				*						*				*					*		*					*					

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
MEASURE. TIME : 1  
SEX : FEMALE

URINALYSIS (INDIVIDUAL)

REPORT TYPE : A1

PAGE : 6

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Group Name	Animal ID-NO.	Urobilinogen ± + 2+ 3+ 4+
Control	2001	*
	2002	*
	2003	*
	2004	*
	2005	*
	2007	*
	2008	*
	2009	*
	2010	*
	2011	*
	2012	*
	2013	*
	2014	*
	2015	*
	2016	*
	2017	*
2021	*	
2022	*	
2024	*	
2025	*	
<hr/>		
300 ppm	2101	*
	2102	*
	2103	*
	2104	*
	2106	*
	2107	*
	2109	*
	2110	*
	2111	*
	2112	*
	2113	*
	2114	*
	2115	*
	2116	*
2118	*	
2119	*	
2120	*	
2121	*	
2123	*	
2124	*	

---

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

URINALYSIS (INDIVIDUAL)

REPORT TYPE : A1

Group Name	Animal ID-NO.	pH_____							Protein_____					Glucose_____					Ketone body					Occult blood			
		5.0	6.0	6.5	7.0	7.5	8.0	8.5	-	±	+	2+	3+	4+	-	±	+	2+	3+	4+	-	±	+	2+	3+	4+	
1000 ppm	2201				*							*				*					*					*	
	2202							*				*				*					*					*	
	2204							*				*				*					*					*	
	2206			*								*				*					*					*	
	2207							*				*				*					*					*	
	2208							*				*				*					*					*	
	2211							*				*				*					*					*	
	2212					*						*				*					*					*	
	2213			*								*				*					*					*	
	2214							*	*			*				*					*					*	
	2215					*						*				*					*					*	
	2216					*						*				*					*					*	
	2217					*						*				*					*					*	
	2218					*						*				*					*					*	
	2219					*						*				*					*					*	
2220				*							*				*					*					*		
2221			*								*				*					*					*		
2222							*				*				*					*					*		
2223					*						*				*					*					*		
2224					*						*				*					*					*		
2225							*				*				*					*					*		

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
MEASURE TIME : 1  
SEX : FEMALE

URINALYSIS (INDIVIDUAL)

REPORT TYPE : A1

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Group Name	Animal ID-NO.	Urobilinogen ± + 2+ 3+ 4+
1000 ppm	2201	*
	2202	*
	2204	*
	2206	*
	2207	*
	2208	*
	2211	*
	2212	*
	2213	*
	2214	*
	2215	*
	2216	*
	2217	*
	2218	*
	2219	*
	2220	*
	2221	*
	2222	*
	2223	*
	2224	*
	2225	*

---

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

URINALYSIS (INDIVIDUAL)

REPORT TYPE : A1

Group Name	Animal ID-NO.	pH							Protein					Glucose					Ketone body					Occult blood			
		5.0	6.0	6.5	7.0	7.5	8.0	8.5	-	±	+	2+	3+	4+	-	±	+	2+	3+	4+	-	±	+	2+	3+		
3000 ppm	2301		*										*							*						*	
	2302												*							*						*	
	2303												*							*						*	
	2304												*							*						*	
	2305					*							*							*						*	
	2306			*									*							*						*	
	2308							*					*							*						*	
	2309			*									*							*						*	
	2310				*								*							*						*	
	2311					*							*							*						*	
	2312							*					*							*						*	
	2313		*										*							*						*	
	2314			*									*							*						*	
	2315							*					*							*						*	
	2316				*								*							*						*	
	2318						*						*							*						*	
	2319						*						*							*						*	
	2320							*			*		*							*						*	
	2321			*							*		*							*						*	
	2322							*		*			*							*						*	
	2323						*						*							*						*	
	2324							*					*							*						*	
	2325					*							*							*						*	

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
MEASURE. TIME : 1  
SEX : FEMALE

URINALYSIS (INDIVIDUAL)

REPORT TYPE : A1

PAGE : 10

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Group Name	Animal ID-NO.	Urobilinogen ± + 2+ 3+ 4+
3000 ppm	2301	*
	2302	*
	2303	*
	2304	*
	2305	*
	2306	*
	2308	*
	2309	*
	2310	*
	2311	*
	2312	*
	2313	*
	2314	*
	2315	*
	2316	*
	2318	*
	2319	*
	2320	*
	2321	*
	2322	*
	2323	*
	2324	*
	2325	*

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APPENDIX 8-1

HEMATOLOGY (INDIVIDUAL) : MALE



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : MALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	RED BLOOD CELL 10 <sup>6</sup> /μl	HEMOGLOBIN g/dl	HEMATOCRIT %	MCV fl	MCH pg	MCHC g/dl	PLATELET 10 <sup>3</sup> /μl
Control	1001	11.38	16.4	47.8	42.0	14.4	34.3	1517
	1002	10.46	16.1	45.7	43.7	15.4	35.2	1446
	1004	10.55	16.3	45.8	43.4	15.5	35.6	1408
	1005	11.26	16.4	47.6	42.3	14.6	34.5	1455
	1006	11.15	16.3	47.2	42.3	14.6	34.5	1469
	1007	10.66	16.2	46.4	43.5	15.2	34.9	1526
	1008	11.23	16.3	47.4	42.2	14.5	34.4	1348
	1009	10.45	16.0	45.5	43.5	15.3	35.2	1366
	1010	10.94	16.2	46.5	42.5	14.8	34.8	1454
	1011	10.66	16.4	46.3	43.4	15.4	35.4	1493
	1012	10.39	15.9	44.7	43.0	15.3	35.6	1415
	1013	11.43	17.0	48.8	42.7	14.9	34.8	1418
	1014	11.81	17.1	49.2	41.7	14.5	34.8	1367
	1015	11.26	16.9	48.5	43.1	15.0	34.8	1465
	1016	10.69	16.1	46.2	43.2	15.1	34.8	1410
	1017	11.05	16.7	47.8	43.3	15.1	34.9	1322
	1018	11.87	16.9	51.2	43.1	14.2	33.0	276
	1019	10.85	15.9	46.0	42.4	14.7	34.6	1435
	1020	12.34	17.9	52.7	42.7	14.5	34.0	1458
	1021	11.47	16.7	48.3	42.1	14.6	34.6	1451
	1023	11.22	16.8	47.6	42.4	15.0	35.3	1404
	1024	11.01	16.4	47.5	43.1	14.9	34.5	1435
	1025	11.31	16.9	47.8	42.3	14.9	35.4	1451

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
MEASURE. TIME : 1  
SEX : MALE

HEMATOLOGY (INDIVIDUAL)  
ALL ANIMALS ( 27W)

REPORT TYPE : A1

PAGE : 2

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Group Name	Animal ID-NO	RETICULOCYTE %
Control	1001	3.2
	1002	3.1
	1004	3.1
	1005	3.2
	1006	3.5
	1007	3.3
	1008	3.2
	1009	3.2
	1010	3.3
	1011	3.2
	1012	3.4
	1013	3.4
	1014	3.1
	1015	3.0
	1016	3.2
	1017	3.2
	1018	2.2
	1019	3.1
	1020	3.4
	1021	3.2
	1023	3.3
	1024	3.2
	1025	3.0

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STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE. TIME : 1  
 SEX : MALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO.	WBC 1 O <sup>3</sup> /μl	Differential NEUTRO	WBC (%) LYMPHO	MONO	EOSINO	BASO
Control	1001	2.33	28.3	66.5	1.3	3.9	0.0
	1002	1.18	39.0	58.5	1.7	0.8	0.0
	1004	2.21	20.3	75.6	3.6	0.5	0.0
	1005	1.95	43.2	53.8	1.5	1.5	0.0
	1006	5.18	26.8	70.7	1.5	1.0	0.0
	1007	2.12	28.8	67.9	1.9	1.4	0.0
	1008	2.27	49.8	47.1	2.2	0.9	0.0
	1009	1.91	37.7	58.1	2.6	1.6	0.0
	1010	2.16	33.7	61.6	2.8	1.9	0.0
	1011	1.68	23.7	67.3	3.6	5.4	0.0
	1012	1.16	19.0	75.9	3.4	1.7	0.0
	1013	1.58	18.4	77.8	1.3	2.5	0.0
	1014	1.43	42.7	53.8	2.8	0.7	0.0
	1015	2.99	25.1	68.6	3.0	3.3	0.0
	1016	0.79	24.1	70.9	2.5	2.5	0.0
	1017	0.79	25.3	70.9	2.5	1.3	0.0
	1018	21.03	15.8	63.5	18.5	0.2	2.0
	1019	1.62	34.5	63.0	1.9	0.6	0.0
	1020	2.02	27.2	70.3	2.0	0.5	0.0
	1021	1.35	28.2	69.6	1.5	0.7	0.0
	1023	1.86	24.7	65.6	3.8	5.9	0.0
	1024	1.36	29.5	66.9	2.9	0.7	0.0
	1025	1.14	35.0	61.4	1.8	1.8	0.0

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : MALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	RED BLOOD CELL 10 <sup>6</sup> /μl	HEMOGLOBIN g/dl	HEMATOCRIT %	MCV fl	MCH pg	MCHC g/dl	PLATELET 10 <sup>3</sup> /μl
300 ppm	1101	10.77	16.4	46.6	43.3	15.2	35.2	1411
	1102	10.39	15.3	44.7	43.0	14.7	34.2	1385
	1103	11.44	16.8	49.1	42.9	14.7	34.2	1395
	1104	11.12	16.2	46.9	42.2	14.6	34.5	1357
	1105	10.99	16.9	48.1	43.8	15.4	35.1	1484
	1106	11.22	16.8	47.8	42.6	15.0	35.1	1452
	1107	11.00	16.2	47.7	43.4	14.7	34.0	1281
	1108	10.29	15.7	44.6	43.3	15.3	35.2	1417
	1109	11.38	16.8	48.5	42.6	14.8	34.6	1454
	1110	11.10	16.4	47.2	42.5	14.8	34.7	1444
	1111	10.98	16.2	46.9	42.7	14.8	34.5	1438
	1112	11.47	16.8	48.9	42.6	14.6	34.4	1541
	1113	11.01	16.6	46.7	42.4	15.1	35.5	1530
	1114	11.39	17.2	48.2	42.3	15.1	35.7	1584
	1115	11.51	16.9	49.1	42.7	14.7	34.4	1446
	1116	11.13	16.2	47.8	42.9	14.6	33.9	1382
	1117	11.95	17.0	50.0	41.8	14.2	34.0	1555
	1118	10.93	16.2	46.4	42.5	14.8	34.9	1325
	1119	11.21	16.4	47.5	42.4	14.6	34.5	1466
	1120	10.98	16.5	47.0	42.8	15.0	35.1	1450
	1121	11.01	16.4	47.0	42.7	14.9	34.9	1536
	1122	11.77	16.9	49.3	41.9	14.4	34.3	1487
	1123	11.14	16.9	48.6	43.6	15.2	34.8	1283
	1124	11.08	16.5	47.2	42.6	14.9	35.0	1448
	1125	11.47	16.9	49.2	42.9	14.7	34.3	1409

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
MEASURE. TIME : 1  
SEX : MALE

HEMATOLOGY (INDIVIDUAL)  
ALL ANIMALS ( 27W)

REPORT TYPE : A1

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Group Name	Animal ID-NO	RETICULOCYTE %
300 ppm	1101	3.0
	1102	3.2
	1103	3.4
	1104	3.1
	1105	3.2
	1106	3.1
	1107	4.0
	1108	3.1
	1109	3.3
	1110	3.0
	1111	2.9
	1112	3.0
	1113	3.1
	1114	2.9
	1115	3.3
1116	3.1	
1117	3.0	
1118	3.2	
1119	3.3	
1120	3.0	
1121	3.1	
1122	3.1	
1123	3.4	
1124	3.2	
1125	3.0	

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STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE. TIME : 1  
 SEX : MALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO.	WBC 10 <sup>3</sup> /μl	Differential NEUTRO	WBC (%) LYMPHO	MONO	EOSINO	BASO
300 ppm	1101	1.70	34.1	63.5	1.8	0.6	0.0
	1102	0.63	33.3	61.9	3.2	1.6	0.0
	1103	0.95	22.1	73.7	2.1	2.1	0.0
	1104	1.92	42.7	53.1	2.1	2.1	0.0
	1105	2.62	22.5	74.8	2.3	0.0	0.4
	1106	6.54	27.1	68.8	3.2	0.9	0.0
	1107	2.16	43.5	53.2	2.8	0.5	0.0
	1108	4.08	28.9	66.7	2.7	1.7	0.0
	1109	3.05	30.5	67.2	1.3	1.0	0.0
	1110	2.00	33.0	63.0	3.0	1.0	0.0
	1111	0.92	21.7	68.5	3.3	6.5	0.0
	1112	0.94	25.5	71.3	2.1	1.1	0.0
	1113	0.90	50.0	48.9	1.1	0.0	0.0
	1114	1.77	34.5	62.1	2.8	0.6	0.0
	1115	2.27	25.9	68.3	4.0	1.8	0.0
	1116	1.84	22.2	69.6	2.2	6.0	0.0
	1117	0.69	29.0	69.6	1.4	0.0	0.0
	1118	1.16	28.5	66.4	3.4	1.7	0.0
	1119	1.56	41.0	55.1	2.6	1.3	0.0
	1120	3.54	28.6	67.8	2.8	0.8	0.0
	1121	1.71	26.3	68.4	1.8	3.5	0.0
	1122	0.95	22.0	75.8	1.1	1.1	0.0
	1123	0.62	21.0	72.6	4.8	1.6	0.0
	1124	1.08	49.1	48.1	1.9	0.9	0.0
	1125	1.38	35.5	61.6	2.2	0.7	0.0

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : MALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	RED BLOOD CELL 10 <sup>6</sup> /μl	HEMOGLOBIN g/dl	HEMATOCRIT %	MCV fl	MCH pg	MCHC g/dl	PLATELET 10 <sup>3</sup> /μl
1000 ppm	1201	11.29	16.4	47.7	42.2	14.5	34.4	997
	1202	10.92	16.6	47.5	43.5	15.2	34.9	1449
	1203	10.01	16.0	44.1	44.1	16.0	36.3	1312
	1204	10.63	16.1	45.5	42.8	15.1	35.4	1399
	1205	11.40	16.8	48.5	42.5	14.7	34.6	1429
	1206	11.09	16.7	47.6	42.9	15.1	35.1	1376
	1207	10.69	16.1	46.2	43.2	15.1	34.8	1361
	1208	11.04	16.1	46.7	42.3	14.6	34.5	1407
	1209	10.64	15.9	45.5	42.8	14.9	34.9	1384
	1210	11.36	16.5	48.2	42.4	14.5	34.2	1414
	1211	10.46	16.3	45.8	43.8	15.6	35.6	1366
	1212	10.94	16.5	46.6	42.6	15.1	35.4	1461
	1213	10.49	15.8	45.7	43.6	15.1	34.6	1202
	1214	10.60	15.5	45.3	42.7	14.6	34.2	1280
	1215	10.91	16.1	46.3	42.4	14.8	34.8	1364
	1216	10.82	16.2	46.7	43.2	15.0	34.7	1381
	1217	10.94	16.5	46.8	42.8	15.1	35.3	1432
	1218	11.03	16.9	48.3	43.8	15.3	35.0	1504
	1219	10.36	16.2	45.5	43.9	15.6	35.6	1326
	1220	11.81	17.6	51.0	43.2	14.9	34.5	1459
	1221	11.92	17.3	50.8	42.6	14.5	34.1	1435
	1222	11.12	16.4	46.5	41.8	14.7	35.3	1562
	1223	11.13	16.7	47.5	42.7	15.0	35.2	1515
	1224	11.08	16.7	47.9	43.2	15.1	34.9	1386
	1225	11.04	16.3	47.0	42.6	14.8	34.7	1608

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
MEASURE. TIME : 1  
SEX : MALE

HEMATOLOGY (INDIVIDUAL)  
ALL ANIMALS ( 27W)

REPORT TYPE : A1

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Group Name	Animal ID-NO	RETICULOCYTE %
1000 ppm	1201	4.2
	1202	2.9
	1203	2.7
	1204	3.1
	1205	3.0
	1206	3.1
	1207	2.9
	1208	3.1
	1209	2.8
	1210	3.2
	1211	3.4
	1212	3.2
	1213	3.0
	1214	3.1
	1215	2.8
	1216	2.8
	1217	3.1
	1218	3.1
	1219	3.4
	1220	3.1
1221	3.1	
1222	3.2	
1223	3.2	
1224	3.3	
1225	3.2	

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STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE. TIME : 1  
 SEX : MALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO.	WBC 10 <sup>3</sup> /μl	Differential NEUTRO	WBC (%) LYMPHO	MONO	EOSINO	BASO
1000 ppm	1201	2.79	28.7	63.4	2.5	5.4	0.0
	1202	2.03	20.8	71.9	3.4	3.9	0.0
	1203	1.43	42.7	53.1	2.8	1.4	0.0
	1204	1.14	17.5	78.1	2.6	1.8	0.0
	1205	1.90	27.8	70.0	1.1	1.1	0.0
	1206	5.32	30.1	65.0	2.3	2.6	0.0
	1207	4.04	36.2	61.6	2.0	0.2	0.0
	1208	3.28	40.2	55.2	4.3	0.3	0.0
	1209	4.32	20.9	67.8	3.2	8.1	0.0
	1210	1.90	32.1	62.6	3.2	2.1	0.0
	1211	1.38	15.2	79.0	2.9	2.9	0.0
	1212	0.89	34.9	60.7	2.2	2.2	0.0
	1213	0.69	49.3	47.8	2.9	0.0	0.0
	1214	1.07	34.6	62.6	1.9	0.9	0.0
	1215	1.91	40.9	55.5	2.6	1.0	0.0
	1216	2.08	15.9	78.8	2.4	2.9	0.0
	1217	1.63	28.8	67.5	2.5	1.2	0.0
	1218	1.44	29.1	66.7	2.8	1.4	0.0
	1219	2.53	26.5	64.4	5.5	3.6	0.0
	1220	1.55	22.0	74.8	1.9	1.3	0.0
	1221	1.10	30.0	69.1	0.9	0.0	0.0
	1222	1.86	20.4	75.8	2.2	1.6	0.0
	1223	1.11	27.9	67.6	2.7	1.8	0.0
	1224	1.11	35.1	61.3	1.8	1.8	0.0
	1225	1.19	40.4	56.3	2.5	0.8	0.0

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : MALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	RED BLOOD CELL 10 <sup>6</sup> /μl	HEMOGLOBIN g/dl	HEMATOCRIT %	MCV fl	MCH pg	MCHC g/dl	PLATELET 10 <sup>3</sup> /μl
3000 ppm	1301	10.78	16.9	47.7	44.2	15.7	35.4	1321
	1302	10.97	16.3	47.4	43.2	14.9	34.4	1194
	1303	11.83	17.1	50.6	42.8	14.5	33.8	1298
	1304	11.32	16.3	47.5	42.0	14.4	34.3	1256
	1305	11.02	16.6	47.0	42.6	15.1	35.3	1403
	1306	10.78	16.3	46.7	43.3	15.1	34.9	1324
	1307	11.29	16.7	48.4	42.9	14.8	34.5	1357
	1308	11.15	16.6	48.0	43.0	14.9	34.6	1308
	1309	11.32	16.7	48.7	43.0	14.8	34.3	1264
	1310	10.67	16.3	46.2	43.3	15.3	35.3	1336
	1311	10.78	16.0	46.6	43.2	14.8	34.3	1103
	1312	11.40	16.5	48.3	42.4	14.5	34.2	1415
	1313	10.76	16.3	46.0	42.8	15.1	35.4	1292
	1314	11.05	16.9	47.2	42.7	15.3	35.8	1329
	1315	11.47	16.8	48.4	42.2	14.6	34.7	1336
	1316	11.18	15.9	46.8	41.9	14.2	34.0	1224
	1317	11.23	16.4	48.5	43.2	14.6	33.8	1305
	1318	10.28	15.3	43.5	42.3	14.9	35.2	1255
	1319	11.13	16.4	48.0	43.1	14.7	34.2	1360
	1320	10.68	15.8	45.6	42.7	14.8	34.6	1349
	1321	10.71	16.3	46.7	43.6	15.2	34.9	1337
	1322	11.62	16.8	49.4	42.5	14.5	34.0	1298
	1323	11.25	16.5	47.9	42.6	14.7	34.4	1402
	1324	11.53	17.1	49.1	42.6	14.8	34.8	1492
	1325	11.56	16.9	48.8	42.2	14.6	34.6	1389

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
MEASURE. TIME : 1  
SEX : MALE

HEMATOLOGY (INDIVIDUAL)  
ALL ANIMALS ( 27W)

REPORT TYPE : A1

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Group Name	Animal ID-NO	RETICULOCYTE %
3000 ppm	1301	3.4
	1302	3.7
	1303	3.6
	1304	2.9
	1305	3.2
	1306	3.3
	1307	3.5
	1308	3.6
	1309	3.7
	1310	3.1
	1311	3.1
	1312	2.7
	1313	3.2
	1314	3.0
	1315	3.4
	1316	2.8
	1317	2.9
1318	3.1	
1319	2.9	
1320	2.7	
1321	3.5	
1322	2.8	
1323	3.2	
1324	2.9	
1325	3.0	

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STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE. TIME : 1  
 SEX : MALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO.	WBC 10 <sup>3</sup> /μl	Differential NEUTRO	WBC (%) LYMPHO	MONO	EOSINO	BASO
3000 ppm	1301	1.81	18.8	73.5	2.2	5.5	0.0
	1302	1.07	57.0	40.2	1.9	0.9	0.0
	1303	1.58	37.4	60.1	1.9	0.6	0.0
	1304	1.08	40.8	57.4	0.9	0.9	0.0
	1305	1.49	28.2	69.8	1.3	0.7	0.0
	1306	3.43	43.5	54.2	1.7	0.6	0.0
	1307	4.52	22.3	73.5	2.4	1.8	0.0
	1308	3.84	27.1	68.2	2.6	1.8	0.3
	1309	2.58	42.7	53.1	2.3	1.9	0.0
	1310	2.39	34.3	60.3	2.5	2.9	0.0
	1311	1.75	53.1	44.0	2.3	0.6	0.0
	1312	1.51	39.1	57.6	2.0	1.3	0.0
	1313	1.38	28.3	65.2	2.9	3.6	0.0
	1314	1.44	48.6	47.9	3.5	0.0	0.0
	1315	1.09	24.8	70.6	1.8	2.8	0.0
	1316	3.53	39.1	57.5	2.0	1.4	0.0
	1317	1.51	21.2	72.8	2.0	4.0	0.0
	1318	2.05	24.9	69.3	3.4	2.4	0.0
	1319	0.89	31.5	65.2	1.1	2.2	0.0
	1320	1.68	33.3	64.3	1.8	0.6	0.0
	1321	0.91	35.2	62.6	2.2	0.0	0.0
	1322	1.11	35.1	64.0	0.9	0.0	0.0
	1323	1.44	37.5	59.0	2.8	0.7	0.0
	1324	1.06	37.8	58.5	2.8	0.9	0.0
	1325	0.78	39.7	57.7	1.3	1.3	0.0

**APPENDIX 8-2**

**HEMATOLOGY (INDIVIDUAL) : FEMALE**

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	RED BLOOD CELL 10 <sup>6</sup> /μl	HEMOGLOBIN g/dl	HEMATOCRIT %	MCV fl	MCH pg	MCHC g/dl	PLATELET 10 <sup>3</sup> /μl
Control	2001	11.23	16.3	46.9	41.8	14.5	34.8	1265
	2002	10.18	15.8	44.5	43.7	15.5	35.5	1268
	2003	10.52	16.0	45.3	43.1	15.2	35.3	1144
	2004	10.89	16.5	46.4	42.6	15.2	35.6	1277
	2005	10.43	15.5	45.3	43.4	14.9	34.2	1249
	2007	10.19	15.9	44.5	43.7	15.6	35.7	1162
	2008	10.11	15.7	44.0	43.5	15.5	35.7	1173
	2009	10.95	16.4	47.2	43.1	15.0	34.7	1161
	2010	9.83	15.3	42.3	43.0	15.6	36.2	1399
	2011	10.60	16.6	46.5	43.9	15.7	35.7	1317
	2012	-	-	-	-	-	-	-
	2013	11.12	16.6	47.4	42.6	14.9	35.0	1304
	2014	11.06	17.0	47.7	43.1	15.4	35.6	1312
	2015	11.80	17.6	51.0	43.2	14.9	34.5	1304
	2016	10.60	16.6	46.0	43.4	15.7	36.1	1314
	2017	11.19	17.0	47.6	42.5	15.2	35.7	1319
	2018	11.09	16.9	47.9	43.2	15.2	35.3	1441
	2019	11.10	16.9	47.6	42.9	15.2	35.5	1217
	2020	10.82	16.6	46.1	42.6	15.3	36.0	1401
	2021	11.46	16.9	48.9	42.7	14.7	34.6	1488
	2022	10.82	16.5	44.9	41.5	15.2	36.7	1430
	2023	10.85	16.6	46.2	42.6	15.3	35.9	1524
	2024	11.69	17.4	49.6	42.4	14.9	35.1	1422
	2025	11.16	17.4	48.0	43.0	15.6	36.3	1541

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
MEASURE TIME : 1  
SEX : FEMALE

HEMATOLOGY (INDIVIDUAL)  
ALL ANIMALS ( 27W)

REPORT TYPE : A1

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Group Name	Animal ID-NO	RETICULOCYTE %
Control	2001	3.0
	2002	3.7
	2003	3.9
	2004	3.6
	2005	3.5
	2007	4.2
	2008	2.8
	2009	3.5
	2010	2.9
	2011	4.2
	2012	-
	2013	2.8
	2014	2.0
	2015	3.7
	2016	4.3
	2017	2.0
	2018	2.3
	2019	4.2
	2020	2.8
	2021	3.6
	2022	3.1
	2023	2.4
	2024	3.1
	2025	2.0

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO.	WBC 1 O <sup>3</sup> /μl	Differential NEUTRO	WBC (%) LYMPHO	MONO	EOSINO	BASO
Control	2001	1.57	17.2	79.0	1.3	2.5	0.0
	2002	2.86	14.4	79.0	4.9	1.7	0.0
	2003	1.73	24.3	70.5	4.6	0.6	0.0
	2004	1.18	48.3	49.2	2.5	0.0	0.0
	2005	2.62	38.2	60.7	1.1	0.0	0.0
	2007	1.49	25.6	69.1	4.0	1.3	0.0
	2008	1.35	28.9	66.7	3.7	0.7	0.0
	2009	1.26	39.7	56.3	3.2	0.8	0.0
	2010	1.21	34.7	61.2	4.1	0.0	0.0
	2011	1.33	20.2	76.7	2.3	0.8	0.0
	2012	-	-	-	-	-	-
	2013	1.18	26.3	67.8	3.4	2.5	0.0
	2014	1.71	21.1	71.3	5.3	2.3	0.0
	2015	1.67	31.1	66.5	1.2	1.2	0.0
	2016	7.58	27.0	69.5	3.4	0.1	0.0
	2017	8.10	27.0	70.6	1.4	1.0	0.0
	2018	3.65	24.7	69.0	3.0	3.3	0.0
	2019	4.92	30.5	63.2	2.4	3.9	0.0
	2020	2.12	44.8	53.3	1.4	0.5	0.0
	2021	2.16	16.2	78.7	1.9	3.2	0.0
	2022	1.41	29.9	65.2	3.5	1.4	0.0
	2023	0.70	41.4	55.7	2.9	0.0	0.0
	2024	1.37	28.5	69.3	1.5	0.7	0.0
	2025	2.07	21.2	74.4	3.4	1.0	0.0



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	RED BLOOD CELL 10 <sup>6</sup> /μl	HEMOGLOBIN g/dl	HEMATOCRIT %	MCV fl	MCH pg	MCHC g/dl	PLATELET 10 <sup>3</sup> /μl
300 ppm	2101	10.99	17.4	48.2	43.9	15.8	36.1	1396
	2102	11.05	16.8	47.9	43.3	15.2	35.1	1363
	2103	10.98	16.5	47.8	43.5	15.0	34.5	1065
	2104	10.67	16.3	46.3	43.4	15.3	35.2	1190
	2106	10.67	16.5	45.7	42.8	15.5	36.1	1373
	2107	11.17	16.4	47.6	42.6	14.7	34.5	1269
	2108	10.71	16.7	46.0	43.0	15.6	36.3	1215
	2109	10.44	16.0	44.8	42.9	15.3	35.7	1253
	2110	11.54	17.1	49.2	42.6	14.8	34.8	1280
	2111	10.82	16.4	47.0	43.4	15.2	34.9	1377
	2112	11.25	17.0	48.0	42.7	15.1	35.4	1277
	2113	10.41	16.1	45.2	43.4	15.5	35.6	1392
	2114	11.76	17.2	49.7	42.3	14.6	34.6	1405
	2115	10.61	16.3	46.4	43.7	15.4	35.1	1092
	2116	11.49	17.3	49.0	42.6	15.1	35.3	1305
	2117	10.64	16.5	45.7	43.0	15.5	36.1	1254
	2118	11.23	16.7	47.8	42.6	14.9	34.9	1368
	2119	10.61	16.3	45.5	42.9	15.4	35.8	1200
	2120	11.35	17.0	48.2	42.5	15.0	35.3	1192
	2121	10.96	16.9	47.0	42.9	15.4	36.0	1298
	2122	11.31	16.7	47.5	42.0	14.8	35.2	1164
	2123	11.17	16.6	47.4	42.4	14.9	35.0	1276
	2124	11.19	17.3	48.5	43.3	15.5	35.7	1232

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
MEASURE TIME : 1  
SEX : FEMALE

HEMATOLOGY (INDIVIDUAL)  
ALL ANIMALS ( 27W)

REPORT TYPE : A1

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Group Name	Animal ID-NO	RETICULOCYTE %
300 ppm	2101	2.9
	2102	1.7
	2103	4.1
	2104	3.3
	2106	2.9
	2107	3.7
	2108	5.0
	2109	3.3
	2110	3.5
	2111	2.3
	2112	3.3
	2113	4.1
	2114	2.8
	2115	4.6
2116	2.8	
2117	2.7	
2118	2.8	
2119	2.7	
2120	2.5	
2121	3.5	
2122	2.7	
2123	2.7	
2124	3.9	

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STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO.	WBC 10 <sup>3</sup> /μl	Differential NEUTRO	WBC (%) LYMPHO	MONO	EOSINO	BASO
300 ppm	2101	1.78	24.8	70.2	2.8	2.2	0.0
	2102	2.52	22.6	71.8	3.2	2.4	0.0
	2103	2.13	49.4	47.4	2.3	0.9	0.0
	2104	1.20	23.4	73.3	2.5	0.8	0.0
	2106	2.10	20.0	72.4	4.3	3.3	0.0
	2107	1.73	12.1	82.7	2.9	2.3	0.0
	2108	1.27	18.1	77.2	3.9	0.8	0.0
	2109	1.14	31.6	65.8	2.6	0.0	0.0
	2110	3.24	54.0	42.3	2.5	1.2	0.0
	2111	1.52	13.2	82.9	2.6	1.3	0.0
	2112	1.71	22.8	73.1	3.5	0.6	0.0
	2113	1.25	24.8	69.6	4.8	0.8	0.0
	2114	1.43	22.4	69.9	4.9	2.8	0.0
	2115	1.57	36.4	61.1	2.5	0.0	0.0
	2116	8.69	25.0	69.5	2.5	2.9	0.1
	2117	4.26	33.6	64.3	1.6	0.5	0.0
2118	3.63	38.2	59.5	1.7	0.6	0.0	
2119	2.96	36.5	59.8	2.7	1.0	0.0	
2120	1.62	41.4	54.9	3.1	0.6	0.0	
2121	2.13	25.8	72.8	1.4	0.0	0.0	
2122	3.11	24.7	70.1	2.6	2.6	0.0	
2123	1.28	29.8	64.8	2.3	3.1	0.0	
2124	1.34	38.8	56.0	4.5	0.7	0.0	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	RED BLOOD CELL 10 <sup>6</sup> /μl	HEMOGLOBIN g/dl	HEMATOCRIT %	MCV fl	MCH pg	MCHC g/dl	PLATELET 10 <sup>3</sup> /μl
1000 ppm	2201	10.97	16.4	47.2	43.0	14.9	34.7	1212
	2202	10.90	16.7	46.6	42.8	15.3	35.8	1314
	2203	-	-	-	-	-	-	-
	2204	10.50	16.1	44.7	42.6	15.3	36.0	1096
	2205	10.42	16.3	45.0	43.2	15.6	36.2	1376
	2206	11.70	17.3	49.3	42.1	14.8	35.1	1377
	2207	10.69	16.5	45.9	42.9	15.4	35.9	1136
	2208	11.28	16.6	47.9	42.5	14.7	34.7	1241
	2210	10.26	15.9	45.2	44.1	15.5	35.2	1335
	2211	10.83	16.3	46.4	42.8	15.1	35.1	1111
	2212	11.39	16.7	48.7	42.8	14.7	34.3	1185
	2213	10.63	15.8	45.6	42.9	14.9	34.6	621
	2214	11.08	16.8	47.3	42.7	15.2	35.5	1239
	2215	11.57	17.7	50.9	44.0	15.3	34.8	1309
	2216	10.13	15.9	44.6	44.0	15.7	35.7	1448
	2217	11.46	17.3	48.7	42.5	15.1	35.5	1428
	2218	10.60	16.1	46.3	43.7	15.2	34.8	1243
	2219	11.14	16.8	48.2	43.3	15.1	34.9	1239
	2220	10.55	16.3	45.3	42.9	15.5	36.0	1360
	2221	11.99	18.0	51.2	42.7	15.0	35.2	1419
	2222	11.12	17.1	47.7	42.9	15.4	35.8	1442
	2223	10.97	16.8	47.5	43.3	15.3	35.4	1433
	2224	11.77	17.8	50.9	43.2	15.1	35.0	1329
	2225	11.53	17.3	49.2	42.7	15.0	35.2	1349

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
MEASURE. TIME : 1  
SEX : FEMALE

HEMATOLOGY (INDIVIDUAL)  
ALL ANIMALS ( 27W)

REPORT TYPE : A1

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Group Name	Animal ID-NO	RETICULOCYTE %
1000 ppm	2201	3.7
	2202	2.9
	2203	-
	2204	3.0
	2205	2.4
	2206	2.9
	2207	3.1
	2208	3.2
	2210	3.1
	2211	4.5
	2212	3.2
	2213	3.7
	2214	3.0
	2215	3.1
	2216	2.6
	2217	1.8
	2218	3.3
2219	3.1	
2220	2.8	
2221	1.9	
2222	3.2	
2223	3.6	
2224	3.3	
2225	2.5	

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STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO.	WBC 1 O <sup>3</sup> /μl	Differential NEUTRO	WBC (%) LYMPHO	MONO	EOSINO	BASO
1000 ppm	2201	1.60	32.4	64.4	1.9	1.3	0.0
	2202	1.36	28.7	67.6	2.2	1.5	0.0
	2203	-	-	-	-	-	-
	2204	2.11	36.0	57.3	6.2	0.5	0.0
	2205	1.67	44.3	53.9	1.8	0.0	0.0
	2206	2.03	20.6	75.9	1.5	2.0	0.0
	2207	1.71	32.2	61.4	2.9	3.5	0.0
	2208	1.23	30.2	65.0	2.4	2.4	0.0
	2210	0.78	38.5	56.4	3.8	1.3	0.0
	2211	1.15	37.4	59.1	3.5	0.0	0.0
	2212	1.42	34.5	60.6	1.4	3.5	0.0
	2213	3.78	42.6	55.8	1.3	0.3	0.0
	2214	2.49	24.5	72.7	2.0	0.4	0.4
	2215	1.89	25.9	71.4	1.6	1.1	0.0
	2216	4.49	31.2	67.0	1.6	0.2	0.0
	2217	8.37	29.7	65.6	2.2	2.4	0.1
	2218	4.65	25.0	72.0	1.9	0.9	0.2
	2219	2.41	46.1	52.7	1.2	0.0	0.0
	2220	2.45	32.3	64.1	2.4	1.2	0.0
	2221	1.49	33.6	62.4	2.0	2.0	0.0
	2222	1.72	23.8	73.8	1.2	1.2	0.0
	2223	1.23	35.0	58.5	4.9	1.6	0.0
	2224	1.28	35.1	62.5	1.6	0.8	0.0
	2225	0.76	34.3	61.8	2.6	1.3	0.0

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	RED BLOOD CELL 10 <sup>6</sup> /μl	HEMOGLOBIN g/dl	HEMATOCRIT %	MCV fl	MCH pg	MCHC g/dl	PLATELET 10 <sup>3</sup> /μl
3000 ppm	2301	10.57	16.1	45.4	43.0	15.2	35.5	1186
	2302	10.90	16.0	46.4	42.6	14.7	34.5	1246
	2303	10.73	16.9	47.4	44.2	15.8	35.7	1198
	2304	11.10	16.2	46.7	42.1	14.6	34.7	1119
	2305	10.20	15.6	45.2	44.3	15.3	34.5	1207
	2306	10.20	16.0	44.5	43.6	15.7	36.0	1110
	2307	11.17	16.3	47.5	42.5	14.6	34.3	1099
	2308	10.86	16.6	45.7	42.1	15.3	36.3	1179
	2309	10.34	15.2	43.7	42.3	14.7	34.8	1120
	2310	11.04	16.1	46.7	42.3	14.6	34.5	1079
	2311	10.93	16.1	47.0	43.0	14.7	34.3	1114
	2312	11.04	16.7	47.4	42.9	15.1	35.2	1240
	2313	10.39	15.6	43.9	42.3	15.0	35.5	1234
	2314	10.50	16.0	45.7	43.5	15.2	35.0	1133
	2315	10.70	16.0	45.1	42.1	15.0	35.5	1271
	2316	10.85	16.3	46.9	43.2	15.0	34.8	1004
	2317	10.96	16.6	47.1	43.0	15.1	35.2	1193
	2318	10.83	16.5	47.3	43.7	15.2	34.9	1332
	2319	10.45	15.9	44.4	42.5	15.2	35.8	1168
	2320	11.35	16.9	48.7	42.9	14.9	34.7	1125
	2321	10.71	16.1	45.3	42.3	15.0	35.5	1239
	2322	11.22	16.5	47.3	42.2	14.7	34.9	1211
	2323	10.82	16.0	46.6	43.1	14.8	34.3	1194
	2324	11.21	17.1	47.7	42.6	15.3	35.8	1327
	2325	10.24	15.6	43.8	42.8	15.2	35.6	1269

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
MEASURE. TIME : 1  
SEX : FEMALE

HEMATOLOGY (INDIVIDUAL)  
ALL ANIMALS ( 27W)

REPORT TYPE : A1

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Group Name	Animal ID-NO	RETICULOCYTE %
3000 ppm	2301	3.5
	2302	4.1
	2303	4.9
	2304	2.7
	2305	5.1
	2306	3.8
	2307	3.2
	2308	2.9
	2309	2.7
	2310	2.6
	2311	2.3
	2312	2.2
	2313	1.7
	2314	3.0
	2315	2.3
	2316	4.1
	2317	2.6
	2318	3.2
	2319	2.9
	2320	2.5
	2321	3.5
	2322	2.4
	2323	2.8
	2324	2.1
	2325	2.6

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STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

HEMATOLOGY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO.	WBC 10 <sup>3</sup> /μl	Differential NEUTRO	WBC (%) LYMPHO	MONO	EOSINO	BASO
3000 ppm	2301	6.31	19.0	73.9	3.0	4.1	0.0
	2302	4.78	19.6	72.6	3.6	4.2	0.0
	2303	2.08	17.4	77.4	3.8	1.4	0.0
	2304	1.36	22.8	72.8	1.5	2.9	0.0
	2305	0.99	30.3	68.7	1.0	0.0	0.0
	2306	3.27	30.0	64.5	3.1	2.4	0.0
	2307	1.39	56.9	41.0	1.4	0.7	0.0
	2308	1.19	41.2	56.3	1.7	0.8	0.0
	2309	1.13	24.7	71.7	2.7	0.9	0.0
	2310	1.22	43.5	54.9	1.6	0.0	0.0
	2311	1.64	54.3	43.3	2.4	0.0	0.0
	2312	1.90	35.8	59.5	2.6	2.1	0.0
	2313	1.38	50.0	46.4	2.9	0.7	0.0
	2314	2.75	32.7	65.1	1.5	0.0	0.7
	2315	0.86	51.2	46.5	2.3	0.0	0.0
	2316	7.57	24.8	69.9	3.2	2.1	0.0
	2317	6.94	35.7	59.2	2.6	2.4	0.1
	2318	1.17	58.1	40.2	1.7	0.0	0.0
	2319	3.95	33.2	62.8	2.0	2.0	0.0
	2320	1.09	33.0	66.1	0.9	0.0	0.0
	2321	2.24	33.5	62.1	3.1	1.3	0.0
	2322	2.96	31.0	64.9	1.7	2.4	0.0
	2323	0.99	62.7	33.3	4.0	0.0	0.0
	2324	1.71	41.5	53.2	4.1	1.2	0.0
	2325	0.94	42.5	51.1	4.3	2.1	0.0

APPENDIX 9-1

BIOCHEMISTRY (INDIVIDUAL) : MALE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : MALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	TOTAL PROTEIN g / dℓ	ALBUMIN g / dℓ	A/G RATIO	T-BILIRUBIN mg / dℓ	GLUCOSE mg / dℓ	T-CHOLESTEROL mg / dℓ	TRIGLYCERIDE mg / dℓ
Control	1001	5.3	3.1	1.4	0.08	191	84	60
	1002	5.0	2.9	1.4	0.10	183	81	54
	1004	4.9	2.8	1.3	0.09	201	81	79
	1005	5.2	3.0	1.4	0.09	211	90	86
	1006	5.2	3.0	1.4	0.11	241	86	59
	1007	5.0	2.9	1.4	0.11	136	72	45
	1008	5.0	2.8	1.3	0.11	146	76	56
	1009	4.8	2.8	1.4	0.13	141	63	36
	1010	5.0	2.8	1.3	0.10	156	85	70
	1011	5.2	3.0	1.4	0.09	194	86	46
	1012	4.9	2.9	1.5	0.10	266	63	36
	1013	5.1	3.0	1.4	0.09	218	88	35
	1014	5.0	2.9	1.4	0.10	213	77	89
	1015	5.2	3.0	1.4	0.10	233	78	60
	1016	4.9	2.8	1.3	0.12	200	65	38
	1017	5.0	2.8	1.3	0.11	182	66	39
	1018	5.0	3.0	1.5	0.19	162	84	21
	1019	5.0	3.0	1.5	0.10	185	72	79
	1020	5.1	2.9	1.3	0.10	204	78	69
	1021	5.2	3.0	1.4	0.11	195	76	32
	1023	5.0	2.7	1.2	0.12	234	72	79
	1024	5.0	2.9	1.4	0.10	190	69	50
	1025	5.5	3.0	1.2	0.10	185	71	65

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE. TIME : 1  
 SEX : MALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	PHOSPHOLIPID mg/dl	AST U/L	ALT U/L	LDH U/L	ALP U/L	G-GTP U/L	CK U/L
Control	1001	175	45	16	221	202	0.0	46
	1002	169	50	16	209	176	0.0	52
	1004	166	68	24	225	198	0.0	100
	1005	194	57	23	186	220	0.5	54
	1006	192	52	18	207	221	0.3	171
	1007	156	55	18	221	199	0.7	67
	1008	161	73	19	212	195	0.3	59
	1009	130	68	27	212	182	0.3	56
	1010	180	67	26	247	196	0.9	67
	1011	176	47	20	201	181	0.0	53
	1012	133	50	20	242	186	0.0	76
	1013	166	56	23	276	207	0.0	70
	1014	164	65	26	239	225	0.0	87
	1015	150	50	21	198	181	0.7	51
	1016	134	49	22	227	199	0.1	60
	1017	133	58	19	232	201	0.2	64
	1018	98	730	243	8767	340	0.5	879
	1019	171	75	26	214	244	0.2	77
	1020	174	51	18	194	207	0.0	65
	1021	157	45	16	166	221	0.0	40
	1023	155	46	17	171	194	0.0	54
	1024	148	55	20	249	184	0.2	76
	1025	170	60	25	230	229	0.0	73

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : MALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	UREANITROGEN mg/dl	SODIUM mEq/l	POTASSIUM mEq/l	CHLORIDE mEq/l	CALCIUM mg/dl	INORGANIC PHOSPHRUS mg/dl
Control	1001	25.5	150	4.1	118	8.6	4.5
	1002	32.4	152	3.7	119	8.4	6.5
	1004	13.1	149	3.5	117	8.4	5.9
	1005	22.4	150	3.3	118	8.4	5.2
	1006	25.7	148	4.0	117	8.4	3.8
	1007	27.6	149	3.8	116	8.6	6.2
	1008	22.9	150	3.9	116	8.4	4.8
	1009	24.2	149	4.1	117	8.5	4.6
	1010	20.1	150	3.6	119	8.4	4.6
	1011	25.0	150	3.8	118	8.4	5.0
	1012	23.4	150	3.7	116	8.3	5.9
	1013	16.6	151	3.6	116	8.6	6.8
	1014	24.9	149	3.9	115	8.7	7.3
	1015	20.5	149	3.5	116	8.6	6.2
	1016	32.2	149	4.0	116	8.1	5.1
	1017	21.2	150	3.8	116	8.4	5.8
	1018	47.2	152	6.2	118	8.3	9.5
	1019	34.2	150	3.5	118	8.0	6.4
	1020	36.2	151	3.5	119	8.2	6.3
	1021	19.8	150	3.6	116	8.3	5.2
	1023	20.9	149	3.9	117	8.8	5.3
	1024	30.5	151	4.0	118	8.1	5.6
	1025	22.3	151	3.3	118	8.6	6.3

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE. TIME : 1  
 SEX : MALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	TOTAL PROTEIN g / dℓ	ALBUMIN g / dℓ	A/G RATIO	T-BILIRUBIN mg / dℓ	GLUCOSE mg / dℓ	T-CHOLESTEROL mg / dℓ	TRIGLYCERIDE mg / dℓ
300 ppm	1101	5.4	3.1	1.3	0.09	204	78	51
	1102	5.0	2.9	1.4	0.09	256	73	49
	1103	5.3	3.2	1.5	0.09	255	91	66
	1104	5.3	3.1	1.4	0.09	245	89	77
	1105	5.3	3.0	1.3	0.09	193	78	65
	1106	5.1	3.0	1.4	0.11	194	75	52
	1107	5.1	2.9	1.3	0.10	136	76	38
	1108	5.2	3.0	1.4	0.10	235	88	59
	1109	5.4	3.2	1.5	0.11	254	96	65
	1110	5.0	2.9	1.4	0.11	187	76	40
	1111	5.0	2.9	1.4	0.10	203	72	32
	1112	5.2	3.0	1.4	0.10	201	76	32
	1113	5.1	3.0	1.4	0.09	216	70	58
	1114	5.3	3.0	1.3	0.09	203	74	48
	1115	5.3	3.1	1.4	0.08	262	91	71
	1116	5.2	2.9	1.3	0.11	248	87	66
	1117	5.4	3.1	1.3	0.10	275	84	55
	1118	4.9	2.8	1.3	0.11	232	76	59
	1119	5.2	3.0	1.4	0.10	170	84	64
	1120	5.3	3.0	1.3	0.10	200	81	30
	1121	5.2	3.0	1.4	0.13	220	73	26
	1122	5.0	2.8	1.3	0.11	228	64	27
	1123	5.0	2.8	1.3	0.11	211	64	56
	1124	5.1	2.9	1.3	0.08	207	76	64
	1125	5.1	2.9	1.3	0.09	199	73	53

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE. TIME : 1  
 SEX : MALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	PHOSPHOLIPID mg/dl	AST U/L	ALT U/L	LDH U/L	ALP U/L	G-GTP U/L	CK U/L
300 ppm	1101	163	62	22	235	235	0.0	59
	1102	151	65	30	191	192	0.1	44
	1103	185	57	20	205	200	0.1	48
	1104	188	85	29	297	241	0.0	94
	1105	167	50	18	217	219	0.0	57
	1106	168	54	28	192	192	0.0	60
	1107	156	80	24	295	231	0.4	76
	1108	185	52	19	191	195	0.0	51
	1109	205	50	19	172	216	0.7	45
	1110	166	64	23	176	210	0.2	54
	1111	141	57	23	219	189	0.0	50
	1112	144	46	16	185	187	0.1	45
	1113	146	53	18	184	203	0.0	51
	1114	163	91	44	310	210	0.5	76
	1115	191	57	22	244	200	0.1	59
1116	183	70	55	257	198	0.0	61	
1117	183	89	35	287	245	0.4	88	
1118	161	91	21	235	215	0.0	93	
1119	178	103	34	313	232	0.0	90	
1120	165	113	59	258	228	0.1	77	
1121	159	36	17	213	204	0.0	59	
1122	132	51	20	185	203	0.0	54	
1123	132	51	17	208	223	0.0	65	
1124	164	51	17	280	199	0.0	63	
1125	160	50	16	269	210	0.4	81	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : MALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	UREANITROGEN mg/dℓ	SODIUM mEq/ℓ	POTASSIUM mEq/ℓ	CHLORIDE mEq/ℓ	CALCIUM mg/dℓ	INORGANIC PHOSPHRUS mg/dℓ
300 ppm	1101	26.0	151	3.4	118	8.4	5.4
	1102	27.8	150	3.5	117	8.5	6.4
	1103	20.7	151	3.1	116	8.6	5.3
	1104	19.6	153	3.4	119	8.7	6.6
	1105	24.0	151	3.4	120	8.8	6.3
	1106	20.6	148	3.9	115	8.5	5.2
	1107	20.0	153	3.9	119	8.7	6.0
	1108	20.2	147	3.8	115	8.5	4.3
	1109	24.2	150	3.5	117	8.6	4.1
	1110	21.1	150	3.8	119	8.6	4.4
	1111	37.6	150	3.7	115	8.4	5.5
	1112	22.3	150	3.4	117	8.3	6.2
	1113	22.5	152	3.7	119	8.3	6.0
	1114	18.3	151	3.4	116	8.3	7.7
	1115	16.3	151	3.7	117	8.4	6.0
	1116	21.8	149	3.6	114	8.3	5.1
	1117	22.8	150	3.4	115	8.1	6.6
	1118	18.6	150	3.6	116	8.0	6.1
	1119	17.0	152	3.2	118	8.0	6.1
	1120	22.4	151	3.0	117	8.2	7.1
	1121	23.8	149	3.7	116	8.7	5.0
	1122	25.5	151	3.7	117	8.2	6.0
	1123	30.3	151	3.9	117	8.4	7.1
	1124	19.3	151	4.0	120	8.4	5.6
	1125	21.4	148	3.6	117	8.5	5.9



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE. TIME : 1  
 SEX : MALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	TOTAL PROTEIN g / dℓ	ALBUMIN g / dℓ	A/G RATIO	T-BILIRUBIN mg / dℓ	GLUCOSE mg / dℓ	T-CHOLESTEROL mg / dℓ	TRIGLYCERIDE mg / dℓ
1000 ppm	1201	4.8	2.8	1.4	0.17	154	49	29
	1202	5.2	2.9	1.3	0.09	211	87	63
	1203	5.2	3.0	1.4	0.10	228	75	51
	1204	5.0	2.9	1.4	0.10	216	75	51
	1205	5.2	3.0	1.4	0.09	221	86	96
	1206	5.0	2.9	1.4	0.10	196	90	77
	1207	4.9	2.9	1.5	0.11	181	71	41
	1208	5.3	3.0	1.3	0.11	221	86	36
	1209	5.0	2.9	1.4	0.11	195	79	64
	1210	4.9	2.9	1.5	0.11	219	78	63
	1211	5.0	2.9	1.4	0.10	238	68	33
	1212	5.2	3.1	1.5	0.11	249	81	54
	1213	4.9	2.9	1.5	0.08	196	74	72
	1214	4.9	2.8	1.3	0.10	156	73	53
	1215	5.2	3.1	1.5	0.10	177	87	90
	1216	5.2	2.9	1.3	0.11	209	75	49
	1217	5.3	3.1	1.4	0.10	215	77	53
	1218	5.4	3.0	1.3	0.09	207	85	52
	1219	5.2	2.9	1.3	0.10	225	72	93
	1220	5.2	2.9	1.3	0.10	213	74	71
	1221	5.3	3.0	1.3	0.10	234	69	37
	1222	5.0	2.6	1.1	0.09	263	86	45
	1223	5.1	2.8	1.2	0.10	202	70	43
	1224	5.4	3.0	1.3	0.09	256	79	76
	1225	5.2	3.0	1.4	0.09	246	98	84

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE. TIME : 1  
 SEX : MALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	PHOSPHOLIPID mg/dl	AST U/L	ALT U/L	LDH U/L	ALP U/L	G-GTP U/L	CK U/L
1000 ppm	1201	111	131	28	242	292	0.0	53
	1202	176	63	29	260	199	0.0	60
	1203	162	60	21	239	196	0.0	69
	1204	159	46	22	187	218	0.4	39
	1205	182	79	43	267	218	0.0	138
	1206	191	61	20	216	213	0.0	85
	1207	157	93	24	271	204	0.0	101
	1208	185	95	35	295	212	0.3	78
	1209	169	81	27	228	213	0.5	60
	1210	174	84	28	238	220	0.2	66
	1211	132	43	18	185	198	0.0	33
	1212	159	50	18	248	212	0.0	73
	1213	151	114	25	287	193	0.0	109
	1214	148	100	22	361	198	0.0	366
	1215	187	105	32	283	239	0.7	104
	1216	159	54	22	184	186	0.2	52
	1217	164	61	21	171	211	0.0	52
	1218	183	68	23	342	218	0.0	76
	1219	155	58	20	280	180	0.5	73
	1220	159	59	26	214	182	0.3	95
	1221	149	47	18	241	205	0.0	91
	1222	172	45	14	232	150	0.1	96
	1223	150	50	17	222	219	0.5	64
	1224	161	49	20	200	203	0.1	54
	1225	197	65	65	32	173	233	0.1

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : MALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	UREANITROGEN mg/dℓ	SODIUM mEq/ℓ	POTASSIUM mEq/ℓ	CHLORIDE mEq/ℓ	CALCIUM mg/dℓ	INORGANIC PHOSPHRUS mg/dℓ
1000 ppm	1201	18.6	150	3.7	115	8.5	5.2
	1202	20.7	151	3.3	118	8.4	5.8
	1203	20.1	150	3.4	117	8.2	6.2
	1204	16.4	152	3.5	119	8.7	6.1
	1205	24.2	150	3.4	117	8.4	5.4
	1206	16.6	148	3.7	114	8.6	5.2
	1207	23.4	148	3.7	117	8.4	4.5
	1208	21.2	150	3.7	117	8.8	4.8
	1209	17.4	150	3.8	118	8.3	4.0
	1210	19.6	150	3.5	118	8.5	4.3
	1211	25.8	149	3.7	114	8.4	5.5
	1212	30.5	150	3.7	113	8.7	6.8
	1213	14.0	151	3.8	116	8.5	7.1
	1214	19.5	152	3.9	118	8.1	6.9
	1215	18.0	152	3.7	121	8.7	6.6
	1216	23.3	150	3.7	116	8.2	5.2
	1217	22.1	150	3.4	115	8.4	6.4
	1218	22.1	150	3.3	116	8.3	5.6
	1219	16.0	150	3.9	116	8.3	6.6
	1220	22.8	151	3.8	117	8.3	6.3
	1221	23.8	151	3.3	118	8.7	6.3
	1222	26.5	151	3.6	117	8.5	4.6
	1223	24.0	152	3.5	120	8.4	5.7
	1224	27.6	151	3.7	117	8.7	6.1
	1225	23.1	152	3.4	120	8.3	6.6

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE. TIME : 1  
 SEX : MALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	TOTAL PROTEIN g / dℓ	ALBUMIN g / dℓ	A/G RATIO	T-BILIRUBIN mg / dℓ	GLUCOSE mg / dℓ	T-CHOLESTEROL mg / dℓ	TRIGLYCERIDE mg / dℓ
3000 ppm	1301	5.0	3.0	1.5	0.11	228	69	44
	1302	5.2	3.1	1.5	0.11	159	66	41
	1303	5.1	3.0	1.4	0.12	235	62	53
	1304	5.2	3.1	1.5	0.10	214	73	54
	1305	5.2	3.0	1.4	0.11	216	84	52
	1306	5.0	3.0	1.5	0.11	125	60	50
	1307	5.1	3.0	1.4	0.11	261	82	60
	1308	4.9	2.9	1.5	0.20	147	63	31
	1309	5.0	3.0	1.5	0.12	199	69	30
	1310	5.1	3.0	1.4	0.12	198	73	27
	1311	4.9	3.0	1.6	0.11	222	50	19
	1312	4.9	3.0	1.6	0.12	186	64	33
	1313	5.0	3.0	1.5	0.10	200	70	44
	1314	5.0	3.0	1.5	0.09	204	80	58
	1315	5.1	3.1	1.5	0.10	174	71	38
	1316	4.9	2.9	1.5	0.11	189	74	41
	1317	4.9	2.9	1.5	0.11	189	57	28
	1318	4.9	2.9	1.5	0.11	173	67	51
	1319	5.1	3.0	1.4	0.11	218	72	42
	1320	5.0	3.0	1.5	0.11	181	67	60
	1321	5.1	3.0	1.4	0.12	183	59	27
	1322	5.2	3.1	1.5	0.11	178	67	28
	1323	5.3	3.1	1.4	0.10	165	70	44
	1324	5.3	3.1	1.4	0.10	206	80	54
	1325	5.1	3.0	1.4	0.10	198	69	43

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE. TIME : 1  
 SEX : MALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	PHOSPHOLIPID mg/dl	AST U/L	ALT U/L	LDH U/L	ALP U/L	G-GTP U/L	CK U/L
3000 ppm	1301	147	41	20	160	224	0.0	40
	1302	136	69	24	249	245	0.0	72
	1303	134	54	18	255	259	0.0	795
	1304	162	63	21	197	234	0.1	50
	1305	171	54	18	178	227	0.1	53
	1306	136	80	36	196	227	0.0	88
	1307	181	53	15	196	226	0.0	51
	1308	142	72	25	195	232	0.0	65
	1309	149	70	19	226	237	0.3	73
	1310	160	49	15	152	252	0.1	49
	1311	108	70	26	198	218	0.1	56
	1312	135	114	42	305	234	0.0	91
	1313	149	80	26	198	216	0.2	71
	1314	169	111	26	313	232	0.0	147
	1315	165	66	21	240	291	0.0	102
	1316	169	121	37	229	254	0.1	101
	1317	112	53	19	182	241	0.0	51
	1318	149	94	30	221	236	0.0	63
	1319	160	65	23	226	244	0.0	77
	1320	149	91	23	159	232	0.4	74
1321	123	66	27	278	245	0.0	92	
1322	136	64	24	237	237	0.0	52	
1323	149	50	17	186	267	0.1	54	
1324	168	57	20	213	219	0.0	56	
1325	145	50	19	179	221	0.0	45	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE. TIME : 1  
 SEX : MALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	UREANITROGEN mg/dℓ	SODIUM mEq/ℓ	POTASSIUM mEq/ℓ	CHLORIDE mEq/ℓ	CALCIUM mg/dℓ	INORGANIC PHOSPHRUS mg/dℓ
3000 ppm	1301	30.4	147	3.6	115	8.4	5.6
	1302	19.4	150	3.7	117	8.6	6.4
	1303	27.0	152	3.7	122	8.5	5.6
	1304	22.5	154	3.6	121	8.6	6.1
	1305	24.3	149	3.3	116	8.4	8.1
	1306	20.7	150	5.2	119	8.3	5.5
	1307	22.8	149	3.8	116	8.6	3.5
	1308	20.1	151	4.1	120	8.7	5.4
	1309	22.3	150	3.7	119	8.6	4.5
	1310	20.9	150	3.8	117	8.5	5.2
	1311	30.4	151	3.5	118	7.9	5.7
	1312	26.2	152	3.7	119	8.3	5.2
	1313	18.0	151	3.7	116	8.5	5.7
	1314	17.0	151	3.4	117	7.9	6.4
	1315	20.7	150	3.3	115	8.3	6.6
	1316	17.8	151	3.8	118	8.3	3.8
	1317	24.5	151	3.8	119	8.2	5.1
	1318	17.4	152	3.7	121	8.0	5.0
	1319	31.6	152	3.8	119	8.1	6.1
	1320	19.0	155	3.7	121	8.4	6.9
	1321	27.6	152	3.8	120	8.5	5.7
	1322	27.6	152	3.6	120	8.5	5.1
	1323	34.4	152	3.6	120	8.4	6.3
	1324	22.7	154	3.3	121	8.7	6.4
	1325	19.8	150	3.5	116	8.6	6.6

**APPENDIX 9-2**

**BIOCHEMISTRY (INDIVIDUAL) : FEMALE**

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	TOTAL PROTEIN g / dℓ	ALBUMIN g / dℓ	A/G RATIO	T-BILIRUBIN mg / dℓ	GLUCOSE mg / dℓ	T-CHOLESTEROL mg / dℓ	TRIGLYCERIDE mg / dℓ
Control	2001	5.2	3.1	1.5	0.09	176	66	42
	2002	5.2	3.0	1.4	0.07	126	69	64
	2003	5.2	3.1	1.5	0.08	166	73	41
	2004	5.1	3.1	1.5	0.09	155	53	29
	2005	4.8	2.9	1.5	0.07	139	63	58
	2007	5.1	3.2	1.7	0.09	189	57	21
	2008	4.4	3.0	2.1	0.14	164	50	44
	2009	5.0	3.0	1.5	0.09	111	57	40
	2010	5.1	3.1	1.5	0.08	179	66	35
	2011	5.3	3.1	1.4	0.11	217	57	18
	2012	5.3	3.3	1.6	0.10	185	62	33
	2013	5.5	3.3	1.5	0.10	233	64	49
	2014	5.2	3.1	1.5	0.10	180	56	41
	2015	5.4	3.2	1.5	0.16	192	85	48
	2016	5.1	3.0	1.4	0.09	159	65	25
	2017	5.0	3.0	1.5	0.10	149	54	24
	2018	4.9	2.8	1.3	0.09	207	59	40
	2019	5.0	2.9	1.4	0.11	176	67	41
	2020	5.0	3.0	1.5	0.11	186	52	24
	2021	5.3	3.1	1.4	0.11	174	60	22
	2022	5.2	3.1	1.5	0.12	200	49	41
	2023	5.3	3.2	1.5	0.11	177	52	23
	2024	5.3	3.1	1.4	0.09	186	73	55
	2025	5.4	3.2	1.5	0.08	186	75	69



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	PHOSPHOLIPID mg/dl	AST U/L	ALT U/L	LDH U/L	ALP U/L	G-GTP U/L	CK U/L
Control	2001	130	51	17	199	360	0.0	57
	2002	141	86	20	253	327	0.0	78
	2003	154	125	27	240	363	0.1	118
	2004	109	91	31	217	422	0.2	59
	2005	132	117	36	216	337	0.0	91
	2007	109	90	26	238	356	0.0	80
	2008	104	78	22	162	306	0.0	58
	2009	122	82	24	239	356	0.0	66
	2010	141	76	23	175	383	0.4	64
	2011	112	78	27	219	341	0.0	65
	2012	135	72	24	242	392	0.0	141
	2013	133	64	21	225	363	0.7	66
	2014	125	53	18	165	327	0.0	51
	2015	184	58	19	221	308	1.1	79
	2016	138	79	23	154	327	0.5	82
	2017	117	63	19	150	309	0.3	85
	2018	131	51	18	160	300	0.1	47
	2019	145	49	17	172	248	0.1	68
	2020	113	68	21	153	319	0.2	68
	2021	115	62	19	208	268	0.0	67
	2022	106	54	18	169	344	0.1	43
	2023	107	59	21	169	374	0.0	53
	2024	144	72	16	150	299	0.3	62
	2025	155	58	16	158	277	0.0	68

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	UREANITROGEN mg/dℓ	SODIUM mEq/ℓ	POTASSIUM mEq/ℓ	CHLORIDE mEq/ℓ	CALCIUM mg/dℓ	INORGANIC PHOSPHRUS mg/dℓ
Control	2001	15.2	149	3.4	117	8.7	4.7
	2002	13.8	149	3.4	116	8.9	5.7
	2003	19.6	151	3.3	120	8.9	6.5
	2004	16.1	153	3.2	121	8.7	6.0
	2005	18.5	152	3.4	120	8.8	5.9
	2007	17.8	150	3.1	117	8.7	6.1
	2008	18.6	150	3.2	112	7.6	6.2
	2009	13.5	151	3.3	118	8.8	7.8
	2010	18.4	151	3.2	118	8.6	7.2
	2011	21.3	149	3.2	119	8.5	5.2
	2012	19.1	150	3.4	115	8.5	6.1
	2013	17.5	151	3.2	116	8.7	6.3
	2014	13.4	150	3.2	118	8.6	5.9
	2015	15.8	148	2.9	113	8.6	6.3
	2016	26.0	148	3.6	116	8.7	6.0
	2017	22.3	151	3.4	119	8.7	5.1
	2018	14.9	149	3.5	117	8.5	5.1
	2019	19.8	148	3.9	117	8.8	5.2
	2020	18.3	150	3.1	119	8.5	4.6
	2021	19.5	152	3.1	120	9.0	5.2
	2022	21.2	151	3.0	119	8.8	6.5
	2023	18.0	151	3.2	121	8.7	5.5
	2024	22.0	154	2.9	122	9.0	5.6
	2025	18.9	149	3.1	116	8.8	6.7

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	TOTAL PROTEIN g / dℓ	ALBUMIN g / dℓ	A/G RATIO	T-BILIRUBIN mg / dℓ	GLUCOSE mg / dℓ	T-CHOLESTEROL mg / dℓ	TRIGLYCERIDE mg / dℓ
300 ppm	2101	5.4	3.3	1.6	0.09	212	64	30
	2102	5.3	3.2	1.5	0.09	187	50	33
	2103	5.3	3.4	1.8	0.11	204	65	48
	2104	5.1	3.2	1.7	0.09	140	52	54
	2106	4.9	3.0	1.6	0.09	188	68	30
	2107	5.0	3.1	1.6	0.08	178	69	53
	2108	5.2	3.2	1.6	0.14	176	54	50
	2109	5.0	3.1	1.6	0.10	142	57	29
	2110	5.0	3.1	1.6	0.09	156	54	26
	2111	5.2	3.1	1.5	0.11	146	62	25
	2112	5.4	3.2	1.5	0.09	194	55	26
	2113	5.4	3.1	1.3	0.11	183	72	40
	2114	5.2	3.2	1.6	0.10	211	59	43
	2115	5.1	3.0	1.4	0.08	235	61	37
	2116	5.1	3.0	1.4	0.10	135	57	29
	2117	5.2	3.2	1.6	0.11	178	56	26
2118	5.2	3.1	1.5	0.11	161	69	27	
2119	5.1	3.0	1.4	0.09	179	63	41	
2120	5.3	3.1	1.4	0.10	156	62	25	
2121	5.2	3.1	1.5	0.10	231	56	25	
2122	5.3	3.2	1.5	0.09	138	58	20	
2123	5.1	3.1	1.5	0.09	177	56	35	
2124	5.5	3.3	1.5	0.10	230	54	39	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	PHOSPHOLIPID mg/dl	AST U/L	ALT U/L	LDH U/L	ALP U/L	G-GTP U/L	CK U/L
300 ppm	2101	131	80	23	259	348	0.1	84
	2102	108	72	25	226	353	0.0	71
	2103	136	84	20	232	367	0.0	68
	2104	116	90	37	206	415	0.0	58
	2106	128	58	21	172	324	0.0	51
	2107	134	87	34	369	342	0.0	101
	2108	116	62	18	214	254	0.6	60
	2109	124	75	20	223	339	0.7	64
	2110	122	67	22	235	345	0.0	89
	2111	131	52	18	194	306	0.0	58
	2112	111	58	20	177	329	0.3	48
	2113	140	55	16	154	303	0.3	65
	2114	124	52	20	176	250	0.6	46
	2115	139	140	32	305	300	0.0	174
	2116	123	63	21	156	322	0.2	79
	2117	122	112	37	243	338	0.5	392
	2118	138	81	29	219	358	0.2	76
2119	139	139	41	232	371	0.1	68	
2120	130	77	20	197	328	0.4	78	
2121	115	51	16	162	372	0.0	51	
2122	114	75	20	188	343	0.0	63	
2123	116	86	23	190	363	0.1	112	
2124	118	62	18	209	391	0.2	66	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	UREANITROGEN mg/dl	SODIUM mEq/l	POTASSIUM mEq/l	CHLORIDE mEq/l	CALCIUM mg/dl	INORGANIC PHOSPHRUS mg/dl
300 ppm	2101	20.5	151	2.8	117	8.9	5.6
	2102	17.0	152	2.9	121	8.8	5.1
	2103	22.3	151	3.2	118	8.9	6.6
	2104	12.0	150	3.4	118	8.7	4.7
	2106	15.0	150	3.2	117	8.6	4.7
	2107	12.9	150	3.3	118	8.8	5.2
	2108	16.2	152	3.2	112	8.2	6.0
	2109	16.6	152	3.1	120	8.6	7.3
	2110	11.6	153	3.2	122	8.8	6.0
	2111	16.1	152	3.2	117	8.6	5.8
	2112	20.1	150	2.9	118	8.7	6.0
	2113	17.7	151	3.0	119	8.6	6.5
	2114	16.9	152	3.2	119	8.5	5.8
	2115	16.5	150	3.0	118	8.6	6.6
	2116	23.4	149	3.4	115	8.7	6.7
	2117	21.5	150	3.4	118	8.6	4.4
	2118	20.4	151	3.2	117	8.6	5.1
	2119	18.3	150	3.0	116	8.7	4.5
	2120	15.9	151	3.1	119	8.7	5.4
	2121	23.5	150	2.9	118	8.7	5.5
	2122	20.2	153	2.9	121	8.9	6.7
	2123	19.9	151	3.0	119	8.8	5.4
	2124	23.5	154	3.0	121	8.8	8.3

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	TOTAL PROTEIN g / dℓ	ALBUMIN g / dℓ	A/G RATIO	T-BILIRUBIN mg / dℓ	GLUCOSE mg / dℓ	T-CHOLESTEROL mg / dℓ	TRIGLYCERIDE mg / dℓ
1000 ppm	2201	5.4	3.3	1.6	0.10	155	63	23
	2202	5.2	3.2	1.6	0.09	228	55	32
	2203	5.1	3.0	1.4	0.10	218	62	27
	2204	5.1	3.3	1.8	0.10	208	63	45
	2205	5.1	3.2	1.7	0.10	180	53	27
	2206	5.1	3.2	1.7	0.10	194	44	22
	2207	5.2	3.2	1.6	0.09	231	58	17
	2208	5.1	3.2	1.7	0.09	134	70	46
	2210	5.2	3.3	1.7	0.10	158	51	17
	2211	5.3	3.1	1.4	0.11	166	61	36
	2212	5.2	3.2	1.6	0.10	221	56	63
	2213	4.3	2.3	1.1	0.16	19	79	14
	2214	5.3	3.3	1.6	0.11	229	62	32
	2215	5.4	3.2	1.5	0.10	230	76	81
	2216	5.0	3.0	1.5	0.10	154	47	23
	2217	5.1	3.1	1.5	0.10	219	63	47
	2218	5.1	3.0	1.4	0.09	215	79	66
	2219	5.1	3.0	1.4	0.11	202	59	27
	2220	5.1	2.8	1.2	0.10	118	79	48
	2221	5.5	3.3	1.5	0.10	203	57	16
	2222	5.3	3.2	1.5	0.10	200	57	38
	2223	5.2	3.1	1.5	0.10	174	67	34
	2224	5.4	3.3	1.6	0.10	205	61	29
	2225	5.2	3.2	1.6	0.11	200	46	31

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	PHOSPHOLIPID mg/dl	AST U/L	ALT U/L	LDH U/L	ALP U/L	G-GTP U/L	CK U/L
1000 ppm	2201	119	107	28	228	324	0.0	69
	2202	113	59	22	154	332	0.1	44
	2203	124	85	26	233	369	0.0	84
	2204	136	145	36	259	373	0.0	111
	2205	110	114	30	262	414	0.1	121
	2206	93	50	17	153	325	0.1	41
	2207	114	58	17	151	339	0.2	48
	2208	143	82	21	190	331	0.0	86
	2210	114	95	31	260	381	0.2	231
	2211	119	59	19	202	435	0.0	59
	2212	122	72	23	216	411	0.0	55
	2213	69	165	61	587	225	2.3	539
	2214	132	70	21	152	353	0.1	58
	2215	172	62	20	183	346	0.0	56
	2216	101	72	24	165	339	0.2	75
	2217	144	56	18	175	307	0.2	64
	2218	173	97	28	270	294	0.0	95
	2219	130	110	30	192	324	0.4	90
	2220	166	83	24	189	226	0.0	86
	2221	110	59	19	231	355	0.0	103
	2222	113	58	19	154	383	0.2	44
	2223	137	62	22	177	277	0.2	57
	2224	119	62	17	239	307	0.0	70
	2225	105	58	23	220	382	0.0	66

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	UREANITROGEN mg/dℓ	SODIUM mEq/ℓ	POTASSIUM mEq/ℓ	CHLORIDE mEq/ℓ	CALCIUM mg/dℓ	INORGANIC PHOSPHRUS mg/dℓ
1000 ppm	2201	21.5	151	2.9	120	8.7	5.1
	2202	19.6	150	3.1	118	8.5	4.9
	2203	21.9	150	3.0	116	8.7	6.6
	2204	23.3	150	2.9	118	8.7	5.9
	2205	18.8	151	3.1	119	8.5	6.7
	2206	18.1	150	3.0	117	8.6	5.7
	2207	20.6	150	3.0	118	8.7	5.6
	2208	13.5	151	3.4	118	8.3	6.2
	2210	15.2	153	2.8	119	8.6	7.6
	2211	17.4	150	3.1	116	8.7	5.1
	2212	21.6	151	3.1	117	8.7	5.7
	2213	51.1	150	5.5	121	8.3	6.8
	2214	23.7	151	2.9	118	8.4	7.0
	2215	16.3	151	3.0	118	9.0	6.1
	2216	21.0	149	3.6	117	8.3	6.4
	2217	23.1	151	3.5	119	8.9	4.0
	2218	15.3	152	3.7	119	8.8	4.5
	2219	21.3	150	2.9	118	8.7	5.1
	2220	16.7	151	3.4	117	8.8	5.4
	2221	21.7	153	2.9	119	9.1	5.1
	2222	19.9	153	3.1	121	9.1	4.3
	2223	16.0	152	3.3	120	8.6	5.8
	2224	17.1	153	3.1	120	8.9	5.9
	2225	12.4	153	3.0	118	8.7	6.1



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE. TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	TOTAL PROTEIN g / dℓ	ALBUMIN g / dℓ	A/G RATIO	T-BILIRUBIN mg / dℓ	GLUCOSE mg / dℓ	T-CHOLESTEROL mg / dℓ	TRIGLYCERIDE mg / dℓ
3000 ppm	2301	5.0	3.1	1.6	0.10	172	55	45
	2302	5.1	3.2	1.7	0.09	231	57	51
	2303	5.2	3.2	1.6	0.09	236	65	39
	2304	5.1	3.2	1.7	0.11	164	57	33
	2305	5.1	3.2	1.7	0.09	232	61	40
	2306	4.9	3.1	1.7	0.09	174	62	30
	2307	5.2	3.3	1.7	0.10	207	51	17
	2308	5.1	3.3	1.8	0.10	204	50	30
	2309	4.7	3.0	1.8	0.10	182	46	22
	2310	5.1	3.2	1.7	0.10	152	49	22
	2311	5.3	3.2	1.5	0.11	235	59	19
	2312	5.1	3.2	1.7	0.12	240	55	21
	2313	4.8	3.0	1.7	0.10	172	44	24
	2314	5.0	3.0	1.5	0.11	216	51	14
	2315	5.1	3.2	1.7	0.11	211	52	27
	2316	4.9	3.0	1.6	0.10	177	57	40
	2317	5.1	3.1	1.5	0.10	172	60	22
	2318	5.5	3.2	1.4	0.11	181	49	28
	2319	5.0	2.9	1.4	0.11	226	65	46
	2320	5.4	3.2	1.5	0.11	246	61	20
	2321	5.7	3.3	1.4	0.09	247	53	23
	2322	5.2	3.2	1.6	0.09	207	48	24
	2323	5.2	3.2	1.6	0.10	200	55	20
	2324	5.3	3.3	1.6	0.10	186	52	30
	2325	5.0	3.0	1.5	0.11	219	43	30

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	PHOSPHOLIPID mg/dl	AST U/L	ALT U/L	LDH U/L	ALP U/L	G-GTP U/L	CK U/L
3000 ppm	2301	120	46	13	125	295	0.0	40
	2302	125	53	17	167	264	0.1	54
	2303	135	69	24	199	262	0.0	74
	2304	117	62	23	159	344	0.2	53
	2305	126	74	32	139	349	0.2	45
	2306	126	103	24	205	274	0.0	66
	2307	101	94	26	212	353	0.2	55
	2308	109	93	29	223	394	0.0	70
	2309	103	73	22	169	348	0.0	60
	2310	107	88	32	247	360	0.1	84
	2311	118	144	57	265	350	0.0	93
	2312	115	72	23	145	305	0.5	56
	2313	94	95	24	173	338	0.2	65
	2314	100	142	53	209	358	0.0	61
	2315	111	79	22	167	389	0.4	58
	2316	125	73	23	190	255	0.0	94
	2317	127	64	24	180	338	0.3	64
	2318	102	88	24	187	321	0.0	74
	2319	134	62	18	160	282	0.3	55
	2320	117	122	30	246	410	0.3	119
	2321	109	59	22	172	317	0.1	50
	2322	100	96	35	212	412	0.3	57
	2323	107	133	36	260	383	0.0	82
	2324	112	89	25	202	340	0.1	62
	2325	98	76	21	198	318	0.1	212

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 MEASURE TIME : 1  
 SEX : FEMALE

BIOCHEMISTRY (INDIVIDUAL)  
 ALL ANIMALS ( 27W)

REPORT TYPE : A1

Group Name	Animal ID-NO	UREANITROGEN mg/dℓ	SODIUM mEq/ℓ	POTASSIUM mEq/ℓ	CHLORIDE mEq/ℓ	CALCIUM mg/dℓ	INORGANIC PHOSPHRUS mg/dℓ
3000 ppm	2301	18.6	150	3.2	118	9.0	4.1
	2302	21.2	150	3.5	118	8.9	4.1
	2303	20.6	151	3.0	118	8.8	6.6
	2304	17.8	153	3.7	120	8.7	7.5
	2305	14.1	151	3.5	117	8.9	6.2
	2306	18.7	151	3.1	120	8.5	4.6
	2307	22.3	151	3.0	119	8.6	5.0
	2308	19.6	151	3.4	119	8.6	7.0
	2309	14.2	151	3.2	119	8.1	6.2
	2310	14.5	153	3.2	120	8.7	7.1
	2311	19.7	151	3.0	119	8.2	5.8
	2312	21.4	153	2.8	121	8.5	5.3
	2313	21.6	153	2.9	121	8.4	7.1
	2314	18.9	152	3.2	119	8.2	5.8
	2315	19.0	154	2.9	122	8.5	7.2
	2316	20.7	149	4.3	118	8.4	5.9
	2317	24.7	150	3.9	119	8.5	4.8
	2318	14.2	150	3.3	119	8.6	5.3
	2319	16.4	149	3.6	117	8.4	4.2
	2320	22.7	151	3.2	117	8.6	6.1
	2321	24.4	152	2.9	120	9.1	5.5
	2322	22.6	154	3.0	122	8.8	6.3
	2323	17.9	153	3.1	121	8.6	5.5
	2324	17.4	152	3.1	120	8.6	6.7
	2325	20.9	150	3.0	121	8.4	6.6

APPENDIX 10-1

GROSS FINDINGS (INDIVIDUAL) : MALE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

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

GROUP NAME : Control

PAGE : 1

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1001	SCHEDULED	027-1		NON-REMARKABLE
1002	SCHEDULED	027-1		NON-REMARKABLE
1003	DEAD	017-4	thoracic ca	pleural fluid, red, moderate
1004	SCHEDULED	027-1	liver	nodule, white, 2, mm
1005	SCHEDULED	027-1		NON-REMARKABLE
1006	SCHEDULED	027-1		NON-REMARKABLE
1007	SCHEDULED	027-1		NON-REMARKABLE
1008	SCHEDULED	027-1	spleen	black zone
1009	SCHEDULED	027-1	spleen	black zone
1010	SCHEDULED	027-1		NON-REMARKABLE
1011	SCHEDULED	027-2		NON-REMARKABLE
1012	SCHEDULED	027-2		NON-REMARKABLE
1013	SCHEDULED	027-2		NON-REMARKABLE
1014	SCHEDULED	027-2		NON-REMARKABLE
1015	SCHEDULED	027-2		NON-REMARKABLE
1016	SCHEDULED	027-3		NON-REMARKABLE
1017	SCHEDULED	027-3	spleen	black zone
1018	SCHEDULED	027-3	lung	white zone
			thymus	enlarged, 15, mm
			spleen	enlarged

( ) : Comment

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE

GROUP NAME : Control

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

PAGE : 2

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1019	SCHEDULED	027-3	kidney	white zone
1020	SCHEDULED	027-3	spleen	black zone
1021	SCHEDULED	027-4		NON-REMARKABLE
1022	DEAD	016-4	thoracic ca	pleural fluid, white, marked
1023	SCHEDULED	027-4		NON-REMARKABLE
1024	SCHEDULED	027-4		NON-REMARKABLE
1025	SCHEDULED	027-4	liver	white zone

( ): Comment

(HPT045)

BAIS6

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

GROUP NAME : 300 ppm

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

PAGE : 3

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1101	SCHEDULED	027-1		NON-REMARKABLE
1102	SCHEDULED	027-1		NON-REMARKABLE
1103	SCHEDULED	027-1	spleen	black zone
1104	SCHEDULED	027-1		NON-REMARKABLE
1105	SCHEDULED	027-1		NON-REMARKABLE
1106	SCHEDULED	027-1		NON-REMARKABLE
1107	SCHEDULED	027-1	lung	red zone
1108	SCHEDULED	027-1		NON-REMARKABLE
1109	SCHEDULED	027-1	spleen	black zone
1110	SCHEDULED	027-1	spleen	black zone
1111	SCHEDULED	027-2		NON-REMARKABLE
1112	SCHEDULED	027-2	spleen	black zone
			liver	white zone, 1, mm
1113	SCHEDULED	027-2	lung	nodule, white, 5, mm
1114	SCHEDULED	027-2	spleen	black zone
1115	SCHEDULED	027-2	spleen	black zone
1116	SCHEDULED	027-3		NON-REMARKABLE
1117	SCHEDULED	027-3		NON-REMARKABLE
1118	SCHEDULED	027-3	spleen	nodule, black, 2, mm
1119	SCHEDULED	027-3	lung	nodule, white, 2, mm

( ) : Comment

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE

GROUP NAME : 300 ppm

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

PAGE : 4

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1120	SCHEDULED	027-3	kidney	cyst
1121	SCHEDULED	027-4		NON-REMARKABLE
1122	SCHEDULED	027-4	testis	small
1123	SCHEDULED	027-4	spleen	black zone
1124	SCHEDULED	027-4		NON-REMARKABLE
1125	SCHEDULED	027-4		NON-REMARKABLE

( ) : Comment



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

GROUP NAME : 1000 ppm

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

PAGE : 5

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1201	SCHEDULED	027-1	spleen	black zone
			liver	red zone
1202	SCHEDULED	027-1		NON-REMARKABLE
1203	SCHEDULED	027-1		NON-REMARKABLE
1204	SCHEDULED	027-1		NON-REMARKABLE
1205	SCHEDULED	027-1		NON-REMARKABLE
1206	SCHEDULED	027-1	stomach	forestomach:nodule, white, 2, mm
1207	SCHEDULED	027-1	stomach	forestomach:nodule, 1, mm
1208	SCHEDULED	027-1	lung	nodule, white, 2, mm
			spleen	black zone
1209	SCHEDULED	027-1	spleen	black zone
1210	SCHEDULED	027-1	liver	white zone
1211	SCHEDULED	027-2		NON-REMARKABLE
1212	SCHEDULED	027-2	spleen	black zone
1213	SCHEDULED	027-2		NON-REMARKABLE
1214	SCHEDULED	027-2	spleen	black zone
1215	SCHEDULED	027-2	lung	nodule, white, 2, mm
1216	SCHEDULED	027-3		NON-REMARKABLE
1217	SCHEDULED	027-3	spleen	nodule, red, 3, mm
1218	SCHEDULED	027-3		NON-REMARKABLE

( ) : Comment

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE

GROUP NAME : 1000 ppm

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

PAGE : 6

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1219	SCHEDULED	027-3	spleen	black zone
1220	SCHEDULED	027-3		NON-REMARKABLE
1221	SCHEDULED	027-4		NON-REMARKABLE
1222	SCHEDULED	027-4	spleen	nodule, red, -, white, 6, mm
1223	SCHEDULED	027-4	spleen	black zone
1224	SCHEDULED	027-4		NON-REMARKABLE
1225	SCHEDULED	027-4	liver	nodule, white, 4, mm

( ) : Comment

(HPT045)

BAIS6

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE

GROUP NAME : 3000 ppm

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

PAGE : 7

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1301	SCHEDULED	027-1	spleen	black zone
1302	SCHEDULED	027-1		NON-REMARKABLE
1303	SCHEDULED	027-1	liver	red zone
1304	SCHEDULED	027-1	spleen	black zone
1305	SCHEDULED	027-1		NON-REMARKABLE
1306	SCHEDULED	027-1		NON-REMARKABLE
1307	SCHEDULED	027-1	liver	red zone
1308	SCHEDULED	027-1		NON-REMARKABLE
1309	SCHEDULED	027-1		NON-REMARKABLE
1310	SCHEDULED	027-1		NON-REMARKABLE
1311	SCHEDULED	027-2		NON-REMARKABLE
1312	SCHEDULED	027-2		NON-REMARKABLE
1313	SCHEDULED	027-2	lung	nodule, white, 3, mm
1314	SCHEDULED	027-2	spleen	black zone
1315	SCHEDULED	027-2		NON-REMARKABLE
1316	SCHEDULED	027-3	lung	white zone
			spleen	nodule, white, 2, mm
1317	SCHEDULED	027-3	spleen	black zone
1318	SCHEDULED	027-3		NON-REMARKABLE
1319	SCHEDULED	027-3	kidney	white zone

( ): Comment

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE

GROUP NAME : 3000 ppm

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

PAGE : 8

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1320	SCHEDULED	027-3	skin/app	nodule, 2, mm
1321	SCHEDULED	027-4		NON-REMARKABLE
1322	SCHEDULED	027-4	subcutis	mass, red, soft, 5, mm
1323	SCHEDULED	027-4		NON-REMARKABLE
1324	SCHEDULED	027-4		NON-REMARKABLE
1325	SCHEDULED	027-4	spleen	black zone

( ) : Comment

(HPT045)

BAIS6

**APPENDIX 10-2**

**GROSS FINDINGS (INDIVIDUAL) : FEMALE**

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE

GROUP NAME : Control

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

PAGE : 9

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2001	SCHEDULED	027-1		NON-REMARKABLE
2002	SCHEDULED	027-1		NON-REMARKABLE
2003	SCHEDULED	027-1		NON-REMARKABLE
2004	SCHEDULED	027-1		NON-REMARKABLE
2005	SCHEDULED	027-1	lung	nodule, white, 4, mm
2006	DEAD	024-4	thymus	enlarged, 8, mm
			spleen	nodule, 6, mm, 3, mm
			liver	red zone
			abdominal c	hemorrhage, moderate
2007	SCHEDULED	027-2		NON-REMARKABLE
2008	SCHEDULED	027-2		NON-REMARKABLE
2009	SCHEDULED	027-2		NON-REMARKABLE
2010	SCHEDULED	027-2		NON-REMARKABLE
2011	SCHEDULED	027-3		NON-REMARKABLE
2012	SCHEDULED	027-3		NON-REMARKABLE
2013	SCHEDULED	027-3		NON-REMARKABLE
2014	SCHEDULED	027-3		NON-REMARKABLE
2015	SCHEDULED	027-3		NON-REMARKABLE
2016	SCHEDULED	027-3		NON-REMARKABLE
2017	SCHEDULED	027-3		NON-REMARKABLE

( ) : Comment

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE

GROUP NAME : Control

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

PAGE : 10

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2018	SCHEDULED	027-3		NON-REMARKABLE
2019	SCHEDULED	027-3		NON-REMARKABLE
2020	SCHEDULED	027-3		NON-REMARKABLE
2021	SCHEDULED	027-4		NON-REMARKABLE
2022	SCHEDULED	027-4		NON-REMARKABLE
2023	SCHEDULED	027-4		NON-REMARKABLE
2024	SCHEDULED	027-4		NON-REMARKABLE
2025	SCHEDULED	027-4		NON-REMARKABLE

( ) : Comment

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE

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

GROUP NAME : 300 ppm

PAGE : 11

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2101	SCHEDULED	027-1		NON-REMARKABLE
2102	SCHEDULED	027-1		NON-REMARKABLE
2103	SCHEDULED	027-1		NON-REMARKABLE
2104	SCHEDULED	027-1		NON-REMARKABLE
2105	DEAD	008-2	spleen	nodule, red, soft, hemorrhage, 10, mm
			abdominal c	hemorrhage, moderate
2106	SCHEDULED	027-2		NON-REMARKABLE
2107	SCHEDULED	027-2		NON-REMARKABLE
2108	SCHEDULED	027-2		NON-REMARKABLE
2109	SCHEDULED	027-2		NON-REMARKABLE
2110	SCHEDULED	027-2		NON-REMARKABLE
2111	SCHEDULED	027-3		NON-REMARKABLE
2112	SCHEDULED	027-3	spleen	black zone
2113	SCHEDULED	027-3	spleen	nodule, 5, mm
2114	SCHEDULED	027-3	spleen	black zone
2115	SCHEDULED	027-3	spleen	black zone
2116	SCHEDULED	027-3		NON-REMARKABLE
2117	SCHEDULED	027-3	spleen	black zone
2118	SCHEDULED	027-3		NON-REMARKABLE
2119	SCHEDULED	027-3		NON-REMARKABLE

( ) : Comment



STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE

GROUP NAME : 300 ppm

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

PAGE : 12

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2120	SCHEDULED	027-3	spleen	black zone
2121	SCHEDULED	027-4	ovary	black zone
2122	SCHEDULED	027-4	spleen	black zone
2123	SCHEDULED	027-4		NON-REMARKABLE
2124	SCHEDULED	027-4		NON-REMARKABLE
2125	DEAD	021-3	lung	red
			peritoneum	red zone
			abdominal c	ascites, red, slight
			thoracic ca	pleural fluid, red, marked

( ) : Comment

(HPT045)

BAIS6

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE

GROUP NAME : 1000 ppm

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

PAGE : 13

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2201	SCHEDULED	027-1		NON-REMARKABLE
2202	SCHEDULED	027-1		NON-REMARKABLE
2203	SCHEDULED	027-1		NON-REMARKABLE
2204	SCHEDULED	027-1		NON-REMARKABLE
2205	SCHEDULED	027-1		NON-REMARKABLE
2206	SCHEDULED	027-2		NON-REMARKABLE
2207	SCHEDULED	027-2		NON-REMARKABLE
2208	SCHEDULED	027-2	stomach	forestomach:nodule, white, 2, mm
2209	DEAD	010-2	spleen	black zone
			thoracic ca	pleural fluid, red, marked
2210	SCHEDULED	027-2		NON-REMARKABLE
2211	SCHEDULED	027-3		NON-REMARKABLE
2212	SCHEDULED	027-3		NON-REMARKABLE
2213	SCHEDULED	027-3	lung	nodule, white, 10, mm
			stomach	forestomach:nodule, white, 2, mm
			thoracic ca	pleural fluid, transparent, slight
2214	SCHEDULED	027-3		NON-REMARKABLE
2215	SCHEDULED	027-3	spleen	black zone
2216	SCHEDULED	027-3		NON-REMARKABLE
2217	SCHEDULED	027-3	spleen	black zone

( ) : Comment

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE

GROUP NAME : 1000 ppm

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

PAGE : 14

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2218	SCHEDULED	027-3	lung	nodule, white, 6, mm
2219	SCHEDULED	027-3		NON-REMARKABLE
2220	SCHEDULED	027-3		NON-REMARKABLE
2221	SCHEDULED	027-4	spleen	black zone
2222	SCHEDULED	027-4		NON-REMARKABLE
2223	SCHEDULED	027-4		NON-REMARKABLE
2224	SCHEDULED	027-4	spleen	black zone
2225	SCHEDULED	027-4		NON-REMARKABLE

( ) : Comment

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE

GROUP NAME : 3000 ppm

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

PAGE : 15

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2301	SCHEDULED	027-1		NON-REMARKABLE
2302	SCHEDULED	027-1		NON-REMARKABLE
2303	SCHEDULED	027-1		NON-REMARKABLE
2304	SCHEDULED	027-1		NON-REMARKABLE
2305	SCHEDULED	027-1		NON-REMARKABLE
2306	SCHEDULED	027-2		NON-REMARKABLE
2307	SCHEDULED	027-2		NON-REMARKABLE
2308	SCHEDULED	027-2	spleen	black zone
2309	SCHEDULED	027-2		NON-REMARKABLE
2310	SCHEDULED	027-2	spleen	black zone
2311	SCHEDULED	027-3		NON-REMARKABLE
2312	SCHEDULED	027-3		NON-REMARKABLE
2313	SCHEDULED	027-3		NON-REMARKABLE
2314	SCHEDULED	027-3		NON-REMARKABLE
2315	SCHEDULED	027-3		NON-REMARKABLE
2316	SCHEDULED	027-3	spleen	black zone
2317	SCHEDULED	027-3		NON-REMARKABLE
2318	SCHEDULED	027-3		NON-REMARKABLE
2319	SCHEDULED	027-3	spleen	black zone
2320	SCHEDULED	027-3	kidney	hydronephrosis

( ) : Comment

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE

GROUP NAME : 3000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2321	SCHEDULED	027-4		NON-REMARKABLE
2322	SCHEDULED	027-4		NON-REMARKABLE
2323	SCHEDULED	027-4		NON-REMARKABLE
2324	SCHEDULED	027-4		NON-REMARKABLE
2325	SCHEDULED	027-4		NON-REMARKABLE

( ): Comment

APPENDIX 11-1

ORGAN WEIGHT,ABSOLUTE (INDIVIDUAL) : MALE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE  
UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight	ADRENALS	TESTES	HEART	LUNGS
Control	1001	27-1 SCHEDULED	32.0	0.015	0.279	0.212	0.210
	1002	27-1 SCHEDULED	31.0	0.015	0.292	0.220	0.183
	1004	27-1 SCHEDULED	28.7	0.012	0.254	0.185	0.160
	1005	27-1 SCHEDULED	29.4	0.015	0.291	0.175	0.157
	1006	27-1 SCHEDULED	26.3	0.011	0.266	0.170	0.172
	1007	27-1 SCHEDULED	32.1	0.015	0.297	0.216	0.181
	1008	27-1 SCHEDULED	31.1	0.015	0.265	0.213	0.181
	1009	27-1 SCHEDULED	29.1	0.012	0.273	0.215	0.186
	1010	27-1 SCHEDULED	29.0	0.011	0.280	0.184	0.170
	1011	27-2 SCHEDULED	29.9	0.012	0.290	0.221	0.172
	1012	27-2 SCHEDULED	28.6	0.012	0.234	0.204	0.168
	1013	27-2 SCHEDULED	31.9	0.010	0.210	0.203	0.198
	1014	27-2 SCHEDULED	28.9	0.015	0.210	0.193	0.182
	1015	27-2 SCHEDULED	36.8	0.012	0.243	0.218	0.175
	1016	27-3 SCHEDULED	27.6	0.016	0.275	0.188	0.159
	1017	27-3 SCHEDULED	26.1	0.010	0.225	0.190	0.171
	1018	27-3 SCHEDULED	23.3	0.012	0.270	0.212	0.244
	1019	27-3 SCHEDULED	27.3	0.012	0.268	0.175	0.167
	1020	27-3 SCHEDULED	28.6	0.013	0.280	0.176	0.165
	1021	27-4 SCHEDULED	27.0	0.011	0.281	0.175	0.155
	1023	27-4 SCHEDULED	35.4	0.015	0.226	0.200	0.181
	1024	27-4 SCHEDULED	30.0	0.012	0.264	0.197	0.167
	1025	27-4 SCHEDULED	24.7	0.014	0.274	0.171	0.147

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE  
UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 2

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	1001	0.698	0.074	1.373	0.484
	1002	0.704	0.067	1.421	0.485
	1004	0.598	0.072	1.374	0.461
	1005	0.621	0.071	1.296	0.474
	1006	0.508	0.062	1.187	0.480
	1007	0.683	0.073	1.434	0.531
	1008	0.688	0.074	1.415	0.499
	1009	0.713	0.070	1.347	0.488
	1010	0.629	0.067	1.387	0.474
	1011	0.630	0.098	1.365	0.476
	1012	0.536	0.061	1.211	0.459
	1013	0.634	0.073	1.413	0.469
	1014	0.569	0.057	1.334	0.480
	1015	0.691	0.079	1.520	0.487
	1016	0.603	0.067	1.249	0.470
	1017	0.552	0.069	1.240	0.481
	1018	0.507	0.393	1.263	0.474
	1019	0.564	0.063	1.230	0.467
	1020	0.529	0.069	1.227	0.467
	1021	0.530	0.058	1.164	0.478
	1023	0.612	0.075	1.415	0.467
	1024	0.628	0.074	1.254	0.487
	1025	0.504	0.068	1.089	0.471



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE  
 UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight	ADRENALS	TESTES	HEART	LUNGS
300 ppm	1101	27-1 SCHEDULED	26.0	0.013	0.301	0.200	0.171
	1102	27-1 SCHEDULED	29.8	0.013	0.289	0.188	0.180
	1103	27-1 SCHEDULED	31.1	0.015	0.204	0.205	0.177
	1104	27-1 SCHEDULED	26.8	0.013	0.179	0.169	0.152
	1105	27-1 SCHEDULED	28.5	0.013	0.264	0.196	0.163
	1106	27-1 SCHEDULED	29.3	0.014	0.262	0.216	0.205
	1107	27-1 SCHEDULED	29.7	0.012	0.247	0.261	0.225
	1108	27-1 SCHEDULED	32.8	0.014	0.256	0.210	0.176
	1109	27-1 SCHEDULED	29.4	0.015	0.236	0.177	0.165
	1110	27-1 SCHEDULED	28.0	0.013	0.275	0.178	0.178
	1111	27-2 SCHEDULED	29.0	0.010	0.195	0.200	0.169
	1112	27-2 SCHEDULED	29.3	0.013	0.251	0.203	0.174
	1113	27-2 SCHEDULED	27.6	0.016	0.240	0.197	0.197
	1114	27-2 SCHEDULED	27.8	0.012	0.247	0.187	0.171
	1115	27-2 SCHEDULED	31.7	0.008	0.166	0.209	0.163
	1116	27-3 SCHEDULED	33.4	0.010	0.283	0.214	0.192
	1117	27-3 SCHEDULED	26.3	0.014	0.254	0.189	0.165
	1118	27-3 SCHEDULED	27.4	0.013	0.213	0.195	0.154
	1119	27-3 SCHEDULED	27.4	0.013	0.256	0.180	0.180
	1120	27-3 SCHEDULED	24.9	0.012	0.281	0.156	0.151
	1121	27-4 SCHEDULED	30.0	0.013	0.193	0.198	0.185
	1122	27-4 SCHEDULED	24.8	0.011	0.213	0.165	0.155
	1123	27-4 SCHEDULED	26.5	0.016	0.282	0.189	0.154
	1124	27-4 SCHEDULED	28.7	0.012	0.265	0.185	0.161
	1125	27-4 SCHEDULED	29.4	0.014	0.245	0.188	0.169

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE  
UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 4

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
300 ppm	1101	0.584	0.078	1.234	0.495
	1102	0.592	0.064	1.404	0.489
	1103	0.651	0.070	1.306	0.488
	1104	0.513	0.058	1.212	0.455
	1105	0.643	0.068	1.315	0.478
	1106	0.647	0.057	1.295	0.491
	1107	0.587	0.071	1.334	0.470
	1108	0.668	0.062	1.372	0.477
	1109	0.613	0.064	1.346	0.492
	1110	0.570	0.061	1.277	0.478
	1111	0.615	0.067	1.354	0.473
	1112	0.630	0.068	1.372	0.494
	1113	0.553	0.062	1.260	0.492
	1114	0.591	0.067	1.309	0.499
	1115	0.611	0.104	1.344	0.472
1116	0.628	0.068	1.390	0.469	
1117	0.534	0.058	1.241	0.463	
1118	0.551	0.067	1.292	0.471	
1119	0.600	0.056	1.232	0.473	
1120	0.556	0.099	1.144	0.467	
1121	0.626	0.063	1.215	0.469	
1122	0.470	0.066	1.031	0.467	
1123	0.591	0.072	1.290	0.467	
1124	0.588	0.060	1.229	0.468	
1125	0.607	0.076	1.249	0.492	

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STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE  
UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight	ADRENALS	TESTES	HEART	LUNGS
1000 ppm	1201	27-1 SCHEDULED	28.5	0.015	0.257	0.186	0.184
	1202	27-1 SCHEDULED	31.3	0.015	0.283	0.212	0.193
	1203	27-1 SCHEDULED	30.8	0.010	0.285	0.192	0.171
	1204	27-1 SCHEDULED	29.6	0.011	0.286	0.195	0.160
	1205	27-1 SCHEDULED	29.5	0.014	0.272	0.177	0.164
	1206	27-1 SCHEDULED	34.1	0.012	0.290	0.219	0.199
	1207	27-1 SCHEDULED	25.7	0.012	0.285	0.193	0.184
	1208	27-1 SCHEDULED	30.3	0.017	0.293	0.218	0.195
	1209	27-1 SCHEDULED	28.8	0.014	0.258	0.182	0.166
	1210	27-1 SCHEDULED	27.4	0.011	0.260	0.171	0.174
	1211	27-2 SCHEDULED	31.4	0.011	0.274	0.214	0.177
	1212	27-2 SCHEDULED	32.1	0.012	0.215	0.215	0.173
	1213	27-2 SCHEDULED	30.1	0.010	0.198	0.210	0.174
	1214	27-2 SCHEDULED	27.7	0.011	0.261	0.212	0.164
	1215	27-2 SCHEDULED	30.5	0.011	0.217	0.181	0.176
	1216	27-3 SCHEDULED	29.6	0.009	0.280	0.216	0.179
	1217	27-3 SCHEDULED	28.4	0.013	0.295	0.188	0.161
	1218	27-3 SCHEDULED	28.8	0.013	0.279	0.177	0.171
	1219	27-3 SCHEDULED	38.4	0.015	0.301	0.259	0.205
	1220	27-3 SCHEDULED	31.3	0.010	0.263	0.197	0.166
	1221	27-4 SCHEDULED	25.7	0.013	0.283	0.178	0.157
	1222	27-4 SCHEDULED	29.3	0.012	0.232	0.190	0.175
	1223	27-4 SCHEDULED	28.7	0.014	0.275	0.193	0.187
	1224	27-4 SCHEDULED	32.7	0.011	0.287	0.220	0.168
	1225	27-4 SCHEDULED	30.8	0.014	0.290	0.185	0.165

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE  
UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 6

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
1000 ppm	1201	0.664	0.078	0.977	0.481
	1202	0.653	0.110	1.390	0.482
	1203	0.607	0.079	1.311	0.483
	1204	0.558	0.068	1.274	0.462
	1205	0.583	0.082	1.233	0.474
	1206	0.672	0.076	1.530	0.490
	1207	0.588	0.062	1.273	0.483
	1208	0.662	0.061	1.417	0.499
	1209	0.585	0.069	1.224	0.460
	1210	0.586	0.060	1.210	0.466
	1211	0.687	0.082	1.407	0.504
	1212	0.581	0.067	1.321	0.486
	1213	0.684	0.079	1.485	0.477
	1214	0.616	0.066	1.359	0.503
	1215	0.635	0.061	1.305	0.470
	1216	0.595	0.103	1.328	0.474
	1217	0.537	0.070	1.297	0.478
	1218	0.615	0.083	1.346	0.470
	1219	0.742	0.083	1.643	0.509
	1220	0.640	0.062	1.377	0.463
	1221	0.529	0.064	1.171	0.450
	1222	0.505	0.167	1.295	0.470
	1223	0.571	0.060	1.234	0.487
	1224	0.607	0.077	1.350	0.479
	1225	0.588	0.057	1.274	0.486

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STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE  
 UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight	ADRENALS	TESTES	HEART	LUNGS
3000 ppm	1301	27-1 SCHEDULED	24.7	0.014	0.259	0.155	0.169
	1302	27-1 SCHEDULED	24.5	0.013	0.268	0.166	0.167
	1303	27-1 SCHEDULED	24.8	0.016	0.294	0.174	0.189
	1304	27-1 SCHEDULED	23.6	0.013	0.282	0.163	0.157
	1305	27-1 SCHEDULED	25.7	0.010	0.271	0.156	0.167
	1306	27-1 SCHEDULED	25.0	0.014	0.294	0.202	0.193
	1307	27-1 SCHEDULED	24.9	0.011	0.260	0.154	0.166
	1308	27-1 SCHEDULED	24.2	0.011	0.261	0.161	0.178
	1309	27-1 SCHEDULED	25.3	0.014	0.266	0.163	0.179
	1310	27-1 SCHEDULED	25.9	0.012	0.189	0.178	0.157
	1311	27-2 SCHEDULED	24.2	0.009	0.244	0.162	0.152
	1312	27-2 SCHEDULED	24.7	0.010	0.259	0.166	0.163
	1313	27-2 SCHEDULED	27.0	0.010	0.152	0.186	0.203
	1314	27-2 SCHEDULED	27.5	0.011	0.261	0.194	0.176
	1315	27-2 SCHEDULED	26.3	0.011	0.261	0.162	0.183
	1316	27-3 SCHEDULED	24.3	0.012	0.274	0.153	0.167
	1317	27-3 SCHEDULED	25.7	0.016	0.272	0.177	0.184
	1318	27-3 SCHEDULED	26.2	0.012	0.172	0.173	0.165
	1319	27-3 SCHEDULED	25.8	0.013	0.284	0.164	0.180
	1320	27-3 SCHEDULED	24.7	0.014	0.254	0.160	0.165
	1321	27-4 SCHEDULED	22.7	0.010	0.325	0.178	0.177
	1322	27-4 SCHEDULED	25.9	0.012	0.259	0.211	0.177
	1323	27-4 SCHEDULED	25.1	0.013	0.267	0.167	0.168
	1324	27-4 SCHEDULED	26.7	0.017	0.287	0.167	0.172
	1325	27-4 SCHEDULED	25.7	0.018	0.287	0.162	0.158

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE  
UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 8

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
3000 ppm	1301	0.520	0.079	1.031	0.459
	1302	0.579	0.056	1.144	0.455
	1303	0.507	0.058	1.147	0.455
	1304	0.517	0.050	1.074	0.448
	1305	0.557	0.050	1.082	0.450
	1306	0.576	0.051	1.075	0.494
	1307	0.505	0.060	1.162	0.451
	1308	0.498	0.059	1.011	0.453
	1309	0.538	0.053	1.080	0.459
	1310	0.542	0.056	1.076	0.461
	1311	0.500	0.056	1.087	0.433
	1312	0.586	0.049	1.098	0.457
	1313	0.558	0.067	1.196	0.467
	1314	0.539	0.054	1.227	0.476
	1315	0.510	0.094	1.096	0.454
	1316	0.548	0.075	1.179	0.460
	1317	0.598	0.055	1.135	0.460
	1318	0.577	0.071	1.190	0.460
	1319	0.590	0.056	1.133	0.462
	1320	0.519	0.052	1.121	0.470
	1321	0.572	0.064	1.036	0.477
	1322	0.544	0.052	1.146	0.473
	1323	0.522	0.058	1.107	0.461
	1324	0.591	0.060	1.143	0.466
	1325	0.507	0.063	1.146	0.456

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BAIS 6

APPENDIX 11-2

ORGAN WEIGHT,ABSOLUTE (INDIVIDUAL) : FEMALE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE  
 UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight	ADRENALS	OVARIES	HEART	LUNGS
Control	2001	27-1 SCHEDULED	22.7	0.013	0.043	0.135	0.179
	2002	27-1 SCHEDULED	23.6	0.015	0.041	0.153	0.177
	2003	27-1 SCHEDULED	19.4	0.013	0.037	0.137	0.145
	2004	27-1 SCHEDULED	20.2	0.013	0.025	0.140	0.149
	2005	27-1 SCHEDULED	21.6	0.014	0.035	0.153	0.179
	2007	27-2 SCHEDULED	20.8	0.014	0.036	0.146	0.150
	2008	27-2 SCHEDULED	21.5	0.015	0.036	0.162	0.172
	2009	27-2 SCHEDULED	21.2	0.017	0.038	0.148	0.154
	2010	27-2 SCHEDULED	21.5	0.011	0.029	0.155	0.154
	2011	27-3 SCHEDULED	19.9	0.018	0.027	0.149	0.164
	2012	27-3 SCHEDULED	20.7	0.014	0.033	0.140	0.157
	2013	27-3 SCHEDULED	21.7	0.015	0.028	0.136	0.167
	2014	27-3 SCHEDULED	21.9	0.016	0.034	0.147	0.163
	2015	27-3 SCHEDULED	21.1	0.015	0.036	0.125	0.145
	2016	27-3 SCHEDULED	20.8	0.017	0.034	0.140	0.180
	2017	27-3 SCHEDULED	21.1	0.016	0.032	0.147	0.198
	2018	27-3 SCHEDULED	22.3	0.016	0.046	0.146	0.165
	2019	27-3 SCHEDULED	23.9	0.021	0.044	0.162	0.189
	2020	27-3 SCHEDULED	19.6	0.012	0.025	0.134	0.159
	2021	27-4 SCHEDULED	23.6	0.017	0.042	0.155	0.175
	2022	27-4 SCHEDULED	20.7	0.017	0.041	0.137	0.163
	2023	27-4 SCHEDULED	20.6	0.015	0.032	0.148	0.168
	2024	27-4 SCHEDULED	22.3	0.014	0.052	0.135	0.155
	2025	27-4 SCHEDULED	24.8	0.021	0.055	0.150	0.173



STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE  
UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 10

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	2001	0.423	0.068	1.061	0.514
	2002	0.431	0.129	1.192	0.508
	2003	0.384	0.073	0.946	0.461
	2004	0.426	0.068	0.960	0.497
	2005	0.469	0.076	1.143	0.508
	2007	0.375	0.084	1.050	0.492
	2008	0.460	0.076	1.092	0.520
	2009	0.438	0.086	1.049	0.506
	2010	0.479	0.103	1.064	0.496
	2011	0.396	0.094	0.950	0.497
	2012	0.373	0.074	0.951	0.484
	2013	0.403	0.080	1.017	0.495
	2014	0.399	0.080	0.973	0.490
	2015	0.367	0.071	1.040	0.474
	2016	0.409	0.085	0.987	0.500
	2017	0.414	0.083	1.002	0.522
	2018	0.410	0.085	1.021	0.512
	2019	0.416	0.093	1.135	0.516
	2020	0.385	0.073	0.884	0.494
	2021	0.433	0.091	1.168	0.556
	2022	0.391	0.062	0.941	0.493
	2023	0.398	0.068	0.928	0.524
	2024	0.415	0.077	0.978	0.499
	2025	0.451	0.086	1.122	0.500

(HCL041)

BAIS 6

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE  
 UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight	ADRENALS	OVARIES	HEART	LUNGS
300 ppm	2101	27-1 SCHEDULED	20.2	0.013	0.030	0.133	0.154
	2102	27-1 SCHEDULED	22.0	0.018	0.033	0.158	0.184
	2103	27-1 SCHEDULED	19.6	0.014	0.034	0.166	0.148
	2104	27-1 SCHEDULED	21.1	0.014	0.030	0.144	0.151
	2106	27-2 SCHEDULED	22.2	0.011	0.039	0.152	0.163
	2107	27-2 SCHEDULED	23.4	0.013	0.046	0.152	0.177
	2108	27-2 SCHEDULED	23.5	0.017	0.041	0.151	0.173
	2109	27-2 SCHEDULED	21.9	0.013	0.031	0.154	0.167
	2110	27-2 SCHEDULED	22.1	0.011	0.026	0.147	0.161
	2111	27-3 SCHEDULED	22.3	0.015	0.045	0.151	0.169
	2112	27-3 SCHEDULED	20.5	0.017	0.036	0.138	0.156
	2113	27-3 SCHEDULED	22.0	0.019	0.034	0.149	0.169
	2114	27-3 SCHEDULED	24.0	0.016	0.032	0.151	0.164
	2115	27-3 SCHEDULED	19.8	0.012	0.028	0.125	0.152
	2116	27-3 SCHEDULED	20.9	0.013	0.034	0.143	0.170
	2117	27-3 SCHEDULED	22.1	0.016	0.032	0.149	0.165
	2118	27-3 SCHEDULED	22.2	0.015	0.042	0.154	0.169
	2119	27-3 SCHEDULED	20.8	0.010	0.031	0.155	0.160
	2120	27-3 SCHEDULED	20.8	0.015	0.033	0.138	0.153
	2121	27-4 SCHEDULED	19.4	0.015	0.032	0.136	0.156
	2122	27-4 SCHEDULED	21.3	0.015	0.034	0.145	0.170
	2123	27-4 SCHEDULED	21.4	0.013	0.031	0.145	0.160
	2124	27-4 SCHEDULED	19.5	0.017	0.032	0.142	0.159

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE  
UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 12

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
300 ppm	2101	0.376	0.078	1.061	0.448
	2102	0.457	0.076	1.048	0.512
	2103	0.375	0.070	0.938	0.486
	2104	0.408	0.090	0.998	0.489
	2106	0.427	0.094	1.020	0.501
	2107	0.479	0.101	1.166	0.524
	2108	0.471	0.089	1.183	0.509
	2109	0.444	0.076	1.027	0.518
	2110	0.426	0.080	1.014	0.492
	2111	0.434	0.071	1.041	0.505
	2112	0.419	0.081	0.993	0.500
	2113	0.427	0.193	1.091	0.506
	2114	0.446	0.082	1.127	0.508
	2115	0.372	0.086	1.078	0.466
	2116	0.426	0.079	0.987	0.476
	2117	0.444	0.087	1.068	0.514
	2118	0.408	0.062	1.028	0.505
	2119	0.426	0.085	1.075	0.491
	2120	0.402	0.075	0.987	0.472
	2121	0.394	0.068	0.857	0.480
2122	0.426	0.083	0.992	0.507	
2123	0.422	0.071	1.017	0.509	
2124	0.354	0.079	0.968	0.467	

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE  
 UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight	ADRENALS	OVARIES	HEART	LUNGS
1000 ppm	2201	27-1 SCHEDULED	20.2	0.016	0.035	0.155	0.185
	2202	27-1 SCHEDULED	21.6	0.016	0.046	0.142	0.177
	2203	27-1 SCHEDULED	21.8	0.014	0.034	0.147	0.161
	2204	27-1 SCHEDULED	19.4	0.014	0.035	0.139	0.154
	2205	27-1 SCHEDULED	21.1	0.014	0.024	0.143	0.173
	2206	27-2 SCHEDULED	19.5	0.013	0.036	0.138	0.159
	2207	27-2 SCHEDULED	20.4	0.013	0.036	0.142	0.165
	2208	27-2 SCHEDULED	21.6	0.014	0.044	0.146	0.174
	2210	27-2 SCHEDULED	20.0	0.010	0.026	0.132	0.157
	2211	27-3 SCHEDULED	21.2	0.017	0.041	0.148	0.163
	2212	27-3 SCHEDULED	21.1	0.013	0.030	0.135	0.148
	2213	27-3 SCHEDULED	17.3	0.010	0.019	0.118	0.140
	2214	27-3 SCHEDULED	22.1	0.015	0.027	0.147	0.164
	2215	27-3 SCHEDULED	22.4	0.016	0.030	0.151	0.159
	2216	27-3 SCHEDULED	21.2	0.017	0.037	0.154	0.177
	2217	27-3 SCHEDULED	22.8	0.014	0.036	0.149	0.169
	2218	27-3 SCHEDULED	21.0	0.014	0.028	0.149	0.304
	2219	27-3 SCHEDULED	19.7	0.012	0.034	0.141	0.172
	2220	27-3 SCHEDULED	22.0	0.015	0.034	0.151	0.176
	2221	27-4 SCHEDULED	20.7	0.019	0.042	0.142	0.164
	2222	27-4 SCHEDULED	21.0	0.014	0.034	0.144	0.177
	2223	27-4 SCHEDULED	23.2	0.021	0.035	0.147	0.173
	2224	27-4 SCHEDULED	22.3	0.014	0.031	0.143	0.169
	2225	27-4 SCHEDULED	21.7	0.014	0.041	0.138	0.162

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE  
UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 14

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
1000 ppm	2201	0.469	0.092	1.030	0.521
	2202	0.412	0.076	1.067	0.490
	2203	0.429	0.104	1.099	0.493
	2204	0.381	0.065	0.983	0.477
	2205	0.451	0.067	1.045	0.494
	2206	0.380	0.064	0.830	0.487
	2207	0.400	0.074	0.976	0.502
	2208	0.433	0.068	1.069	0.512
	2210	0.396	0.081	0.987	0.475
	2211	0.422	0.083	0.990	0.528
	2212	0.376	0.069	0.964	0.477
	2213	0.360	0.090	0.693	0.457
	2214	0.420	0.078	1.108	0.505
	2215	0.400	0.071	1.045	0.477
	2216	0.426	0.066	0.982	0.511
	2217	0.435	0.074	1.071	0.501
	2218	0.426	0.103	1.113	0.497
	2219	0.404	0.060	0.996	0.494
	2220	0.427	0.092	1.077	0.496
	2221	0.381	0.077	0.997	0.533
	2222	0.407	0.077	0.974	0.491
	2223	0.417	0.071	1.103	0.481
	2224	0.437	0.074	1.095	0.498
	2225	0.393	0.075	0.962	0.491

(HCL041)

BAIS 6

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE  
 UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight	ADRENALS	OVARIES	HEART	LUNGS
3000 ppm	2301	27-1 SCHEDULED	20.1	0.013	0.040	0.133	0.189
	2302	27-1 SCHEDULED	21.0	0.014	0.029	0.130	0.168
	2303	27-1 SCHEDULED	20.5	0.013	0.034	0.122	0.155
	2304	27-1 SCHEDULED	20.9	0.013	0.024	0.135	0.161
	2305	27-1 SCHEDULED	20.5	0.013	0.026	0.138	0.146
	2306	27-2 SCHEDULED	21.7	0.012	0.037	0.145	0.184
	2307	27-2 SCHEDULED	19.3	0.011	0.034	0.139	0.166
	2308	27-2 SCHEDULED	20.3	0.012	0.032	0.132	0.172
	2309	27-2 SCHEDULED	19.4	0.011	0.026	0.135	0.151
	2310	27-2 SCHEDULED	20.8	0.013	0.028	0.129	0.165
	2311	27-3 SCHEDULED	18.8	0.012	0.023	0.124	0.154
	2312	27-3 SCHEDULED	19.5	0.010	0.029	0.134	0.154
	2313	27-3 SCHEDULED	19.8	0.013	0.026	0.140	0.158
	2314	27-3 SCHEDULED	20.5	0.011	0.024	0.141	0.170
	2315	27-3 SCHEDULED	19.3	0.012	0.022	0.121	0.151
	2316	27-3 SCHEDULED	21.3	0.015	0.023	0.156	0.172
	2317	27-3 SCHEDULED	19.6	0.014	0.029	0.130	0.175
	2318	27-3 SCHEDULED	20.8	0.013	0.029	0.146	0.178
	2319	27-3 SCHEDULED	22.1	0.016	0.034	0.136	0.175
	2320	27-3 SCHEDULED	19.5	0.010	0.027	0.138	0.161
	2321	27-4 SCHEDULED	19.4	0.013	0.031	0.131	0.169
	2322	27-4 SCHEDULED	19.7	0.012	0.028	0.139	0.155
	2323	27-4 SCHEDULED	19.1	0.015	0.028	0.133	0.174
	2324	27-4 SCHEDULED	19.9	0.015	0.030	0.144	0.156
	2325	27-4 SCHEDULED	19.0	0.015	0.026	0.123	0.151

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE  
UNIT: g

ORGAN WEIGHT:ABSOLUTE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
3000 ppm	2301	0.408	0.095	0.937	0.462
	2302	0.420	0.072	1.019	0.471
	2303	0.387	0.109	1.033	0.450
	2304	0.415	0.061	0.920	0.450
	2305	0.385	0.073	0.905	0.441
	2306	0.452	0.077	1.073	0.480
	2307	0.398	0.052	0.928	0.463
	2308	0.433	0.066	0.944	0.480
	2309	0.387	0.055	0.883	0.462
	2310	0.410	0.068	0.972	0.500
	2311	0.368	0.057	0.901	0.457
	2312	0.378	0.057	0.909	0.463
	2313	0.392	0.054	0.951	0.481
	2314	0.444	0.073	0.995	0.482
	2315	0.398	0.054	0.870	0.461
	2316	0.404	0.086	1.020	0.458
	2317	0.394	0.067	0.908	0.458
	2318	0.422	0.061	0.912	0.484
	2319	0.420	0.080	1.070	0.465
	2320	0.474	0.072	0.931	0.469
	2321	0.403	0.085	0.926	0.464
	2322	0.406	0.064	0.933	0.462
	2323	0.410	0.057	0.924	0.482
	2324	0.394	0.075	0.947	0.466
	2325	0.374	0.063	0.847	0.446

APPENDIX 12-1

ORGAN WEIGHT,RELATIVE (INDIVIDUAL) : MALE



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE  
 UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight (g)	ADRENALS	TESTES	HEART	LUNGS
Control	1001	27-1 SCHEDULED	32.0	0.047	0.872	0.662	0.656
	1002	27-1 SCHEDULED	31.0	0.048	0.942	0.710	0.590
	1004	27-1 SCHEDULED	28.7	0.042	0.885	0.645	0.557
	1005	27-1 SCHEDULED	29.4	0.051	0.990	0.595	0.534
	1006	27-1 SCHEDULED	26.3	0.042	1.011	0.646	0.654
	1007	27-1 SCHEDULED	32.1	0.047	0.925	0.673	0.564
	1008	27-1 SCHEDULED	31.1	0.048	0.852	0.685	0.582
	1009	27-1 SCHEDULED	29.1	0.041	0.938	0.739	0.639
	1010	27-1 SCHEDULED	29.0	0.038	0.966	0.634	0.586
	1011	27-2 SCHEDULED	29.9	0.040	0.970	0.739	0.575
	1012	27-2 SCHEDULED	28.6	0.042	0.818	0.713	0.587
	1013	27-2 SCHEDULED	31.9	0.031	0.658	0.636	0.621
	1014	27-2 SCHEDULED	28.9	0.052	0.727	0.668	0.630
	1015	27-2 SCHEDULED	36.8	0.033	0.660	0.592	0.476
	1016	27-3 SCHEDULED	27.6	0.058	0.996	0.681	0.576
	1017	27-3 SCHEDULED	26.1	0.038	0.862	0.728	0.655
	1018	27-3 SCHEDULED	23.3	0.052	1.159	0.910	1.047
	1019	27-3 SCHEDULED	27.3	0.044	0.982	0.641	0.612
	1020	27-3 SCHEDULED	28.6	0.045	0.979	0.615	0.577
	1021	27-4 SCHEDULED	27.0	0.041	1.041	0.648	0.574
	1023	27-4 SCHEDULED	35.4	0.042	0.638	0.565	0.511
	1024	27-4 SCHEDULED	30.0	0.040	0.880	0.657	0.557
	1025	27-4 SCHEDULED	24.7	0.057	1.109	0.692	0.595

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE  
UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 2

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Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	1001	2.181	0.231	4.291	1.512
	1002	2.271	0.216	4.584	1.565
	1004	2.084	0.251	4.787	1.606
	1005	2.112	0.241	4.408	1.612
	1006	1.932	0.236	4.513	1.825
	1007	2.128	0.227	4.467	1.654
	1008	2.212	0.238	4.550	1.605
	1009	2.450	0.241	4.629	1.677
	1010	2.169	0.231	4.783	1.634
	1011	2.107	0.328	4.565	1.592
	1012	1.874	0.213	4.234	1.605
	1013	1.987	0.229	4.429	1.470
	1014	1.969	0.197	4.616	1.661
	1015	1.878	0.215	4.130	1.323
	1016	2.185	0.243	4.525	1.703
	1017	2.115	0.264	4.751	1.843
	1018	2.176	1.687	5.421	2.034
	1019	2.066	0.231	4.505	1.711
	1020	1.850	0.241	4.290	1.633
	1021	1.963	0.215	4.311	1.770
	1023	1.729	0.212	3.997	1.319
	1024	2.093	0.247	4.180	1.623
	1025	2.040	0.275	4.409	1.907

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE  
 UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight (g)	ADRENALS	TESTES	HEART	LUNGS
300 ppm	1101	27-1 SCHEDULED	26.0	0.050	1.158	0.769	0.658
	1102	27-1 SCHEDULED	29.8	0.044	0.970	0.631	0.604
	1103	27-1 SCHEDULED	31.1	0.048	0.656	0.659	0.569
	1104	27-1 SCHEDULED	26.8	0.049	0.668	0.631	0.567
	1105	27-1 SCHEDULED	28.5	0.046	0.926	0.688	0.572
	1106	27-1 SCHEDULED	29.3	0.048	0.894	0.737	0.700
	1107	27-1 SCHEDULED	29.7	0.040	0.832	0.879	0.758
	1108	27-1 SCHEDULED	32.8	0.043	0.780	0.640	0.537
	1109	27-1 SCHEDULED	29.4	0.051	0.803	0.602	0.561
	1110	27-1 SCHEDULED	28.0	0.046	0.982	0.636	0.636
	1111	27-2 SCHEDULED	29.0	0.034	0.672	0.690	0.583
	1112	27-2 SCHEDULED	29.3	0.044	0.857	0.693	0.594
	1113	27-2 SCHEDULED	27.6	0.058	0.870	0.714	0.714
	1114	27-2 SCHEDULED	27.8	0.043	0.888	0.673	0.615
	1115	27-2 SCHEDULED	31.7	0.025	0.524	0.659	0.514
1116	27-3 SCHEDULED	33.4	0.030	0.847	0.641	0.575	
1117	27-3 SCHEDULED	26.3	0.053	0.966	0.719	0.627	
1118	27-3 SCHEDULED	27.4	0.047	0.777	0.712	0.562	
1119	27-3 SCHEDULED	27.4	0.047	0.934	0.657	0.657	
1120	27-3 SCHEDULED	24.9	0.048	1.129	0.627	0.606	
1121	27-4 SCHEDULED	30.0	0.043	0.643	0.660	0.617	
1122	27-4 SCHEDULED	24.8	0.044	0.859	0.665	0.625	
1123	27-4 SCHEDULED	26.5	0.060	1.064	0.713	0.581	
1124	27-4 SCHEDULED	28.7	0.042	0.923	0.645	0.561	
1125	27-4 SCHEDULED	29.4	0.048	0.833	0.639	0.575	

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE  
UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 4

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
300 ppm	1101	2.246	0.300	4.746	1.904
	1102	1.987	0.215	4.711	1.641
	1103	2.093	0.225	4.199	1.569
	1104	1.914	0.216	4.522	1.698
	1105	2.256	0.239	4.614	1.677
	1106	2.208	0.195	4.420	1.676
	1107	1.976	0.239	4.492	1.582
	1108	2.037	0.189	4.183	1.454
	1109	2.085	0.218	4.578	1.673
	1110	2.036	0.218	4.561	1.707
	1111	2.121	0.231	4.669	1.631
	1112	2.150	0.232	4.683	1.686
	1113	2.004	0.225	4.565	1.783
	1114	2.126	0.241	4.709	1.795
	1115	1.927	0.328	4.240	1.489
1116	1.880	0.204	4.162	1.404	
1117	2.030	0.221	4.719	1.760	
1118	2.011	0.245	4.715	1.719	
1119	2.190	0.204	4.496	1.726	
1120	2.233	0.398	4.594	1.876	
1121	2.087	0.210	4.050	1.563	
1122	1.895	0.266	4.157	1.883	
1123	2.230	0.272	4.868	1.762	
1124	2.049	0.209	4.282	1.631	
1125	2.065	0.259	4.248	1.673	

(HCL043)

BAIS 6

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE  
 UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight (g)	ADRENALS	TESTES	HEART	LUNGS
1000 ppm	1201	27-1 SCHEDULED	28.5	0.053	0.902	0.653	0.646
	1202	27-1 SCHEDULED	31.3	0.048	0.904	0.677	0.617
	1203	27-1 SCHEDULED	30.8	0.032	0.925	0.623	0.555
	1204	27-1 SCHEDULED	29.6	0.037	0.966	0.659	0.541
	1205	27-1 SCHEDULED	29.5	0.047	0.922	0.600	0.556
	1206	27-1 SCHEDULED	34.1	0.035	0.850	0.642	0.584
	1207	27-1 SCHEDULED	25.7	0.047	1.109	0.751	0.716
	1208	27-1 SCHEDULED	30.3	0.056	0.967	0.719	0.644
	1209	27-1 SCHEDULED	28.8	0.049	0.896	0.632	0.576
	1210	27-1 SCHEDULED	27.4	0.040	0.949	0.624	0.635
	1211	27-2 SCHEDULED	31.4	0.035	0.873	0.682	0.564
	1212	27-2 SCHEDULED	32.1	0.037	0.670	0.670	0.539
	1213	27-2 SCHEDULED	30.1	0.033	0.658	0.698	0.578
	1214	27-2 SCHEDULED	27.7	0.040	0.942	0.765	0.592
	1215	27-2 SCHEDULED	30.5	0.036	0.711	0.593	0.577
	1216	27-3 SCHEDULED	29.6	0.030	0.946	0.730	0.605
	1217	27-3 SCHEDULED	28.4	0.046	1.039	0.662	0.567
	1218	27-3 SCHEDULED	28.8	0.045	0.969	0.615	0.594
	1219	27-3 SCHEDULED	38.4	0.039	0.784	0.674	0.534
	1220	27-3 SCHEDULED	31.3	0.032	0.840	0.629	0.530
	1221	27-4 SCHEDULED	25.7	0.051	1.101	0.693	0.611
	1222	27-4 SCHEDULED	29.3	0.041	0.792	0.648	0.597
	1223	27-4 SCHEDULED	28.7	0.049	0.958	0.672	0.652
	1224	27-4 SCHEDULED	32.7	0.034	0.878	0.673	0.514
	1225	27-4 SCHEDULED	30.8	0.045	0.942	0.601	0.536

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE  
UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 6

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
1000 ppm	1201	2.330	0.274	3.428	1.688
	1202	2.086	0.351	4.441	1.540
	1203	1.971	0.256	4.256	1.568
	1204	1.885	0.230	4.304	1.561
	1205	1.976	0.278	4.180	1.607
	1206	1.971	0.223	4.487	1.437
	1207	2.288	0.241	4.953	1.879
	1208	2.185	0.201	4.677	1.647
	1209	2.031	0.240	4.250	1.597
	1210	2.139	0.219	4.416	1.701
	1211	2.188	0.261	4.481	1.605
	1212	1.810	0.209	4.115	1.514
	1213	2.272	0.262	4.934	1.585
	1214	2.224	0.238	4.906	1.816
	1215	2.082	0.200	4.279	1.541
	1216	2.010	0.348	4.486	1.601
	1217	1.891	0.246	4.567	1.683
	1218	2.135	0.288	4.674	1.632
	1219	1.932	0.216	4.279	1.326
	1220	2.045	0.198	4.399	1.479
	1221	2.058	0.249	4.556	1.751
	1222	1.724	0.570	4.420	1.604
	1223	1.990	0.209	4.300	1.697
	1224	1.856	0.235	4.128	1.465
	1225	1.909	0.185	4.136	1.578

(HCL043)

BAIS 6

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE  
UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight (g)	ADRENALS	TESTES	HEART	LUNGS
3000 ppm	1301	27-1 SCHEDULED	24.7	0.057	1.049	0.628	0.684
	1302	27-1 SCHEDULED	24.5	0.053	1.094	0.678	0.682
	1303	27-1 SCHEDULED	24.8	0.065	1.185	0.702	0.762
	1304	27-1 SCHEDULED	23.6	0.055	1.195	0.691	0.665
	1305	27-1 SCHEDULED	25.7	0.039	1.054	0.607	0.650
	1306	27-1 SCHEDULED	25.0	0.056	1.176	0.808	0.772
	1307	27-1 SCHEDULED	24.9	0.044	1.044	0.618	0.667
	1308	27-1 SCHEDULED	24.2	0.045	1.079	0.665	0.736
	1309	27-1 SCHEDULED	25.3	0.055	1.051	0.644	0.708
	1310	27-1 SCHEDULED	25.9	0.046	0.730	0.687	0.606
	1311	27-2 SCHEDULED	24.2	0.037	1.008	0.669	0.628
	1312	27-2 SCHEDULED	24.7	0.040	1.049	0.672	0.660
	1313	27-2 SCHEDULED	27.0	0.037	0.563	0.689	0.752
	1314	27-2 SCHEDULED	27.5	0.040	0.949	0.705	0.640
	1315	27-2 SCHEDULED	26.3	0.042	0.992	0.616	0.696
	1316	27-3 SCHEDULED	24.3	0.049	1.128	0.630	0.687
	1317	27-3 SCHEDULED	25.7	0.062	1.058	0.689	0.716
	1318	27-3 SCHEDULED	26.2	0.046	0.656	0.660	0.630
	1319	27-3 SCHEDULED	25.8	0.050	1.101	0.636	0.698
	1320	27-3 SCHEDULED	24.7	0.057	1.028	0.648	0.668
1321	27-4 SCHEDULED	22.7	0.044	1.432	0.784	0.780	
1322	27-4 SCHEDULED	25.9	0.046	1.000	0.815	0.683	
1323	27-4 SCHEDULED	25.1	0.052	1.064	0.665	0.669	
1324	27-4 SCHEDULED	26.7	0.064	1.075	0.625	0.644	
1325	27-4 SCHEDULED	25.7	0.070	1.117	0.630	0.615	

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : MALE  
UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 8

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
3000 ppm	1301	2. 105	0. 320	4. 174	1. 858
	1302	2. 363	0. 229	4. 669	1. 857
	1303	2. 044	0. 234	4. 625	1. 835
	1304	2. 191	0. 212	4. 551	1. 898
	1305	2. 167	0. 195	4. 210	1. 751
	1306	2. 304	0. 204	4. 300	1. 976
	1307	2. 028	0. 241	4. 667	1. 811
	1308	2. 058	0. 244	4. 178	1. 872
	1309	2. 126	0. 209	4. 269	1. 814
	1310	2. 093	0. 216	4. 154	1. 780
	1311	2. 066	0. 231	4. 492	1. 789
	1312	2. 372	0. 198	4. 445	1. 850
	1313	2. 067	0. 248	4. 430	1. 730
	1314	1. 960	0. 196	4. 462	1. 731
	1315	1. 939	0. 357	4. 167	1. 726
	1316	2. 255	0. 309	4. 852	1. 893
	1317	2. 327	0. 214	4. 416	1. 790
	1318	2. 202	0. 271	4. 542	1. 756
	1319	2. 287	0. 217	4. 391	1. 791
	1320	2. 101	0. 211	4. 538	1. 903
	1321	2. 520	0. 282	4. 564	2. 101
	1322	2. 100	0. 201	4. 425	1. 826
	1323	2. 080	0. 231	4. 410	1. 837
	1324	2. 213	0. 225	4. 281	1. 745
	1325	1. 973	0. 245	4. 459	1. 774

(HCL043)

BAIS 6



APPENDIX 12-2

ORGAN WEIGHT,RELATIVE (INDIVIDUAL) : FEMALE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE  
UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight (g)	ADRENALS	OVARIES	HEART	LUNGS
Control	2001	27-1 SCHEDULED	22.7	0.057	0.189	0.595	0.789
	2002	27-1 SCHEDULED	23.6	0.064	0.174	0.648	0.750
	2003	27-1 SCHEDULED	19.4	0.067	0.191	0.706	0.747
	2004	27-1 SCHEDULED	20.2	0.064	0.124	0.693	0.738
	2005	27-1 SCHEDULED	21.6	0.065	0.162	0.708	0.829
	2007	27-2 SCHEDULED	20.8	0.067	0.173	0.702	0.721
	2008	27-2 SCHEDULED	21.5	0.070	0.167	0.753	0.800
	2009	27-2 SCHEDULED	21.2	0.080	0.179	0.698	0.726
	2010	27-2 SCHEDULED	21.5	0.051	0.135	0.721	0.716
	2011	27-3 SCHEDULED	19.9	0.090	0.136	0.749	0.824
	2012	27-3 SCHEDULED	20.7	0.068	0.159	0.676	0.758
	2013	27-3 SCHEDULED	21.7	0.069	0.129	0.627	0.770
	2014	27-3 SCHEDULED	21.9	0.073	0.155	0.671	0.744
	2015	27-3 SCHEDULED	21.1	0.071	0.171	0.592	0.687
	2016	27-3 SCHEDULED	20.8	0.082	0.163	0.673	0.865
	2017	27-3 SCHEDULED	21.1	0.076	0.152	0.697	0.938
	2018	27-3 SCHEDULED	22.3	0.072	0.206	0.655	0.740
	2019	27-3 SCHEDULED	23.9	0.088	0.184	0.678	0.791
	2020	27-3 SCHEDULED	19.6	0.061	0.128	0.684	0.811
	2021	27-4 SCHEDULED	23.6	0.072	0.178	0.657	0.742
	2022	27-4 SCHEDULED	20.7	0.082	0.198	0.662	0.787
	2023	27-4 SCHEDULED	20.6	0.073	0.155	0.718	0.816
	2024	27-4 SCHEDULED	22.3	0.063	0.233	0.605	0.695
	2025	27-4 SCHEDULED	24.8	0.085	0.222	0.605	0.698

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE  
UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 10

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	2001	1.863	0.300	4.674	2.264
	2002	1.826	0.547	5.051	2.153
	2003	1.979	0.376	4.876	2.376
	2004	2.109	0.337	4.752	2.460
	2005	2.171	0.352	5.292	2.352
	2007	1.803	0.404	5.048	2.365
	2008	2.140	0.353	5.079	2.419
	2009	2.066	0.406	4.948	2.387
	2010	2.228	0.479	4.949	2.307
	2011	1.990	0.472	4.774	2.497
	2012	1.802	0.357	4.594	2.338
	2013	1.857	0.369	4.687	2.281
	2014	1.822	0.365	4.443	2.237
	2015	1.739	0.336	4.929	2.246
	2016	1.966	0.409	4.745	2.404
	2017	1.962	0.393	4.749	2.474
	2018	1.839	0.381	4.578	2.296
	2019	1.741	0.389	4.749	2.159
	2020	1.964	0.372	4.510	2.520
	2021	1.835	0.386	4.949	2.356
	2022	1.889	0.300	4.546	2.382
	2023	1.932	0.330	4.505	2.544
	2024	1.861	0.345	4.386	2.238
	2025	1.819	0.347	4.524	2.016

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE  
UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight (g)	ADRENALS	OVARIES	HEART	LUNGS
300 ppm	2101	27-1 SCHEDULED	20.2	0.064	0.149	0.658	0.762
	2102	27-1 SCHEDULED	22.0	0.082	0.150	0.718	0.836
	2103	27-1 SCHEDULED	19.6	0.071	0.173	0.847	0.755
	2104	27-1 SCHEDULED	21.1	0.066	0.142	0.682	0.716
	2106	27-2 SCHEDULED	22.2	0.050	0.176	0.685	0.734
	2107	27-2 SCHEDULED	23.4	0.056	0.197	0.650	0.756
	2108	27-2 SCHEDULED	23.5	0.072	0.174	0.643	0.736
	2109	27-2 SCHEDULED	21.9	0.059	0.142	0.703	0.763
	2110	27-2 SCHEDULED	22.1	0.050	0.118	0.665	0.729
	2111	27-3 SCHEDULED	22.3	0.067	0.202	0.677	0.758
	2112	27-3 SCHEDULED	20.5	0.083	0.176	0.673	0.761
	2113	27-3 SCHEDULED	22.0	0.086	0.155	0.677	0.768
	2114	27-3 SCHEDULED	24.0	0.067	0.133	0.629	0.683
	2115	27-3 SCHEDULED	19.8	0.061	0.141	0.631	0.768
	2116	27-3 SCHEDULED	20.9	0.062	0.163	0.684	0.813
	2117	27-3 SCHEDULED	22.1	0.072	0.145	0.674	0.747
	2118	27-3 SCHEDULED	22.2	0.068	0.189	0.694	0.761
	2119	27-3 SCHEDULED	20.8	0.048	0.149	0.745	0.769
	2120	27-3 SCHEDULED	20.8	0.072	0.159	0.663	0.736
	2121	27-4 SCHEDULED	19.4	0.077	0.165	0.701	0.804
2122	27-4 SCHEDULED	21.3	0.070	0.160	0.681	0.798	
2123	27-4 SCHEDULED	21.4	0.061	0.145	0.678	0.748	
2124	27-4 SCHEDULED	19.5	0.087	0.164	0.728	0.815	

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE  
UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 12

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
300 ppm	2101	1.861	0.386	5.252	2.218
	2102	2.077	0.345	4.764	2.327
	2103	1.913	0.357	4.786	2.480
	2104	1.934	0.427	4.730	2.318
	2106	1.923	0.423	4.595	2.257
	2107	2.047	0.432	4.983	2.239
	2108	2.004	0.379	5.034	2.166
	2109	2.027	0.347	4.689	2.365
	2110	1.928	0.362	4.588	2.226
	2111	1.946	0.318	4.668	2.265
	2112	2.044	0.395	4.844	2.439
	2113	1.941	0.877	4.959	2.300
	2114	1.858	0.342	4.696	2.117
	2115	1.879	0.434	5.444	2.354
	2116	2.038	0.378	4.722	2.278
	2117	2.009	0.394	4.833	2.326
	2118	1.838	0.279	4.631	2.275
	2119	2.048	0.409	5.168	2.361
	2120	1.933	0.361	4.745	2.269
	2121	2.031	0.351	4.418	2.474
	2122	2.000	0.390	4.657	2.380
	2123	1.972	0.332	4.752	2.379
	2124	1.815	0.405	4.964	2.395

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE  
UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight (g)	ADRENALS	OVARIES	HEART	LUNGS
1000 ppm	2201	27-1 SCHEDULED	20.2	0.079	0.173	0.767	0.916
	2202	27-1 SCHEDULED	21.6	0.074	0.213	0.657	0.819
	2203	27-1 SCHEDULED	21.8	0.064	0.156	0.674	0.739
	2204	27-1 SCHEDULED	19.4	0.072	0.180	0.716	0.794
	2205	27-1 SCHEDULED	21.1	0.066	0.114	0.678	0.820
	2206	27-2 SCHEDULED	19.5	0.067	0.185	0.708	0.815
	2207	27-2 SCHEDULED	20.4	0.064	0.176	0.696	0.809
	2208	27-2 SCHEDULED	21.6	0.065	0.204	0.676	0.806
	2210	27-2 SCHEDULED	20.0	0.050	0.130	0.660	0.785
	2211	27-3 SCHEDULED	21.2	0.080	0.193	0.698	0.769
	2212	27-3 SCHEDULED	21.1	0.062	0.142	0.640	0.701
	2213	27-3 SCHEDULED	17.3	0.058	0.110	0.682	4.277
	2214	27-3 SCHEDULED	22.1	0.068	0.122	0.665	0.742
	2215	27-3 SCHEDULED	22.4	0.071	0.134	0.674	0.710
	2216	27-3 SCHEDULED	21.2	0.080	0.175	0.726	0.835
	2217	27-3 SCHEDULED	22.8	0.061	0.158	0.654	0.741
	2218	27-3 SCHEDULED	21.0	0.067	0.133	0.710	1.448
	2219	27-3 SCHEDULED	19.7	0.061	0.173	0.716	0.873
	2220	27-3 SCHEDULED	22.0	0.068	0.155	0.686	0.800
	2221	27-4 SCHEDULED	20.7	0.092	0.203	0.686	0.792
	2222	27-4 SCHEDULED	21.0	0.067	0.162	0.686	0.843
	2223	27-4 SCHEDULED	23.2	0.091	0.151	0.634	0.746
	2224	27-4 SCHEDULED	22.3	0.063	0.139	0.641	0.758
	2225	27-4 SCHEDULED	21.7	0.065	0.189	0.636	0.747

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE  
UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 14

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
1000 ppm	2201	2.322	0.455	5.099	2.579
	2202	1.907	0.352	4.940	2.269
	2203	1.968	0.477	5.041	2.261
	2204	1.964	0.335	5.067	2.459
	2205	2.137	0.318	4.953	2.341
	2206	1.949	0.328	4.256	2.497
	2207	1.961	0.363	4.784	2.461
	2208	2.005	0.315	4.949	2.370
	2210	1.980	0.405	4.935	2.375
	2211	1.991	0.392	4.670	2.491
	2212	1.782	0.327	4.569	2.261
	2213	2.081	0.520	4.006	2.642
	2214	1.900	0.353	5.014	2.285
	2215	1.786	0.317	4.665	2.129
	2216	2.009	0.311	4.632	2.410
	2217	1.908	0.325	4.697	2.197
	2218	2.029	0.490	5.300	2.367
	2219	2.051	0.305	5.056	2.508
	2220	1.941	0.418	4.895	2.255
	2221	1.841	0.372	4.816	2.575
	2222	1.938	0.367	4.638	2.338
	2223	1.797	0.306	4.754	2.073
	2224	1.960	0.332	4.910	2.233
	2225	1.811	0.346	4.433	2.263

(HCL043)

BAIS 6

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE  
 UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

Group Name	Animal ID-NO.	Death Information	Body Weight (g)	ADRENALS	OVARIES	HEART	LUNGS
3000 ppm	2301	27-1 SCHEDULED	20.1	0.065	0.199	0.662	0.940
	2302	27-1 SCHEDULED	21.0	0.067	0.138	0.619	0.800
	2303	27-1 SCHEDULED	20.5	0.063	0.166	0.595	0.756
	2304	27-1 SCHEDULED	20.9	0.062	0.115	0.646	0.770
	2305	27-1 SCHEDULED	20.5	0.063	0.127	0.673	0.712
	2306	27-2 SCHEDULED	21.7	0.055	0.171	0.668	0.848
	2307	27-2 SCHEDULED	19.3	0.057	0.176	0.720	0.860
	2308	27-2 SCHEDULED	20.3	0.059	0.158	0.650	0.847
	2309	27-2 SCHEDULED	19.4	0.057	0.134	0.696	0.778
	2310	27-2 SCHEDULED	20.8	0.063	0.135	0.620	0.793
	2311	27-3 SCHEDULED	18.8	0.064	0.122	0.660	0.819
	2312	27-3 SCHEDULED	19.5	0.051	0.149	0.687	0.790
	2313	27-3 SCHEDULED	19.8	0.066	0.131	0.707	0.798
	2314	27-3 SCHEDULED	20.5	0.054	0.117	0.688	0.829
	2315	27-3 SCHEDULED	19.3	0.062	0.114	0.627	0.782
	2316	27-3 SCHEDULED	21.3	0.070	0.108	0.732	0.808
	2317	27-3 SCHEDULED	19.6	0.071	0.148	0.663	0.893
	2318	27-3 SCHEDULED	20.8	0.063	0.139	0.702	0.856
	2319	27-3 SCHEDULED	22.1	0.072	0.154	0.615	0.792
	2320	27-3 SCHEDULED	19.5	0.051	0.138	0.708	0.826
	2321	27-4 SCHEDULED	19.4	0.067	0.160	0.675	0.871
	2322	27-4 SCHEDULED	19.7	0.061	0.142	0.706	0.787
	2323	27-4 SCHEDULED	19.1	0.079	0.147	0.696	0.911
	2324	27-4 SCHEDULED	19.9	0.075	0.151	0.724	0.784
	2325	27-4 SCHEDULED	19.0	0.079	0.137	0.647	0.795



STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE  
UNIT: %

ORGAN WEIGHT:RELATIVE (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

PAGE : 16

Group Name	Animal ID-NO.	KIDNEYS	SPLEEN	LIVER	BRAIN
3000 ppm	2301	2.030	0.473	4.662	2.299
	2302	2.000	0.343	4.852	2.243
	2303	1.888	0.532	5.039	2.195
	2304	1.986	0.292	4.402	2.153
	2305	1.878	0.356	4.415	2.151
	2306	2.083	0.355	4.945	2.212
	2307	2.062	0.269	4.808	2.399
	2308	2.133	0.325	4.650	2.365
	2309	1.995	0.284	4.552	2.381
	2310	1.971	0.327	4.673	2.404
	2311	1.957	0.303	4.793	2.431
	2312	1.938	0.292	4.662	2.374
	2313	1.980	0.273	4.803	2.429
	2314	2.166	0.356	4.854	2.351
	2315	2.062	0.280	4.508	2.389
	2316	1.897	0.404	4.789	2.150
	2317	2.010	0.342	4.633	2.337
	2318	2.029	0.293	4.385	2.327
	2319	1.900	0.362	4.842	2.104
	2320	2.431	0.369	4.774	2.405
	2321	2.077	0.438	4.773	2.392
	2322	2.061	0.325	4.736	2.345
	2323	2.147	0.298	4.838	2.524
	2324	1.980	0.377	4.759	2.342
	2325	1.968	0.332	4.458	2.347

(HCL043)

BAIS 6

APPENDIX 13-1

HISTOPATHOLOGICAL FINDING (INDIVIDUAL) : MALE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : Control

PAGE : 1

Animal	Death Info.	Week-Day	Organ	Findings
1001	SCHEDULED	27-1	nasal cavit nasopharynx NON-REMARKABLE	respiratory metaplasia:gland, 1+ eosinophilic change, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1002	SCHEDULED	27-1	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1003	DEAD	17-4	nasal cavit NON-REMARKABLE  Cause of Death	respiratory metaplasia:gland, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone no microscopical confirmation
1004	SCHEDULED	27-1	nasopharynx liver nasolacr d NON-REMARKABLE	eosinophilic change, 1+ necrosis:focal, 1+ eosinophilic change:respiratory epithelium, 1+ skin/app, nasal cavit, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1005	SCHEDULED	27-1	nasal cavit pituitary NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+ cystic degeneration:anterior lobe, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1006	SCHEDULED	27-1	nasal cavit NON-REMARKABLE	eosinophilic change:respiratory epithelium, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1007	SCHEDULED	27-1	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1008	SCHEDULED	27-1	spleen NON-REMARKABLE	deposit of melanin, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1009	SCHEDULED	27-1	nasal cavit spleen NON-REMARKABLE	respiratory metaplasia:gland, 1+ deposit of melanin, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1010	SCHEDULED	27-1	nasal cavit	eosinophilic change:olfactory epithelium, 1+//eosinophilic change:respiratory epithelium, 1+

( ) : Comment      1+ : Slight      2+ : Moderate      3+ : Marked      4+ : Severe      ' ' : Context

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : Control

PAGE : 2

Animal	Death Info.	Week-Day	Organ	Findings
1010	SCHEDULED	27-1	nasopharynx NON-REMARKABLE	eosinophilic change, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1011	SCHEDULED	27-2	parathyroid NON-REMARKABLE	ultimobranchial body remanet, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1012	SCHEDULED	27-2	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1013	SCHEDULED	27-2	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1014	SCHEDULED	27-2	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1015	SCHEDULED	27-2	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1016	SCHEDULED	27-3	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1017	SCHEDULED	27-3	spleen NON-REMARKABLE	deposit of melanin, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1018	SCHEDULED	27-3	lung bone marrow lymph node thymus spleen heart liver kidney pituitary prostate Harder gl bone pleura peritoneum	leukemic cell infiltration, 2+ leukemic cell infiltration, 2+ leukemic cell infiltration, 1+ malignant lymphoma, '0' leukemic cell infiltration, 1+ leukemic cell infiltration, 2+ leukemic cell infiltration, 1+ leukemic cell infiltration, 1+ leukemic cell infiltration, 1+ leukemic cell infiltration, 1+ leukemic cell infiltration, 1+ leukemic cell infiltration, 1+ leukemic cell infiltration, 1+ leukemic cell infiltration, 1+ leukemic cell infiltration, 2+ leukemic cell infiltration, 1+

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : Control

Animal	Death Info.	Week-Day	Organ	Findings
1018	SCHEDULED	27-3	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, urin bladd, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, mammary gl, brain, spinal cord, periph nerv, eye, muscle
1019	SCHEDULED	27-3	nasal cavit NON-REMARKABLE	respiratory metaplasia:gland, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1020	SCHEDULED	27-3	nasal cavit nasopharynx spleen stomach NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+ eosinophilic change, 1+ deposit of melanin, 1+ erosion:glandular stomach, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1021	SCHEDULED	27-4	nasopharynx NON-REMARKABLE	eosinophilic change, 1+ skin/app, nasal cavit, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1022	DEAD	16-4	bone marrow thymus pleura NON-REMARKABLE  Cause of Death	leukemic cell infiltration, 2+ malignant lymphoma, '4' leukemic cell infiltration, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, lymph node, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone tumor death: leukemia
1023	SCHEDULED	27-4	parathyroid NON-REMARKABLE	ultimobranchial body remanet, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1024	SCHEDULED	27-4	nasal cavit nasopharynx NON-REMARKABLE	respiratory metaplasia:gland, 1+ eosinophilic change, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1025	SCHEDULED	27-4	liver NON-REMARKABLE	hepatocellular adenoma, '0' skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone

( ):Comment      1+ :Slight      2+ :Moderate      3+ :Marked      4+ :Severe      ' ':Context

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 300 ppm

PAGE : 4

Animal	Death Info.	Week-Day	Organ-Findings	
1101	SCHEDULED	27-1	nasal cavit nasopharynx lung NON-REMARKABLE	eosinophilic change:olfactory epithelium,1+//respiratory metaplasia:gland,1+ eosinophilic change,1+ vacuolic change:bronchial epithelium,1+ skin/app, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1102	SCHEDULED	27-1	nasal cavit lung NON-REMARKABLE	respiratory metaplasia:gland,1+ vacuolic change:bronchial epithelium,1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1103	SCHEDULED	27-1	lung spleen liver NON-REMARKABLE	vacuolic change:bronchial epithelium,1+ deposit of melanin,1+ basophilic cell focus,1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1104	SCHEDULED	27-1	nasal cavit nasopharynx lung NON-REMARKABLE	eosinophilic change:olfactory epithelium,1+//eosinophilic change:respiratory epithelium,1+ eosinophilic change,1+ vacuolic change:bronchial epithelium,1+ skin/app, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1105	SCHEDULED	27-1	nasal cavit nasopharynx lung liver NON-REMARKABLE	eosinophilic change:olfactory epithelium,1+//eosinophilic change:respiratory epithelium,1+ eosinophilic change,1+ vacuolic change:bronchial epithelium,1+ basophilic cell focus,1+ skin/app, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1106	SCHEDULED	27-1	lung pituitary NON-REMARKABLE	vacuolic change:bronchial epithelium,1+ cystic degeneration:anterior lobe,1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1107	SCHEDULED	27-1	lung heart pleura NON-REMARKABLE	hemorrhage,3+//vacuolic change:bronchial epithelium,1+ myocardial fibrosis,1+ mesothelial hyperplasia,1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1108	SCHEDULED	27-1	subcutis	inflammatory infiltration,1+

( ):Comment      1+ :Slight      2+ :Moderate      3+ :Marked      4+ :Severe      '':Context  
 (B10290)

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 300 ppm

PAGE : 5

Animal	Death Info.	Week-Day	Organ	Findings
1108	SCHEDULED	27-1	lung pituitary NON-REMARKABLE	vacuolic change:bronchial epithelium, 2+ cystic degeneration:anterior lobe, 1+ skin/app,nasal cavit,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd,pancreas,kidney,urin bladd,thyroid,parathyroid,adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1109	SCHEDULED	27-1	nasal cavit lung spleen NON-REMARKABLE	respiratory metaplasia:gland, 1+ vacuolic change:bronchial epithelium, 2+ deposit of melanin, 1+ skin/app,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd,pancreas,kidney,urin bladd,pituitary, thyroid,parathyroid,adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1110	SCHEDULED	27-1	nasal cavit nasopharynx lung spleen NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+ eosinophilic change, 1+ bronchiolar-alveolar adenoma, '0' //vacuolic change:bronchial epithelium, 1+//bronchiolar-alveolar cell hyperplasia, 1+ deposit of melanin, 1+ skin/app, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1111	SCHEDULED	27-2	nasal cavit nasopharynx lung NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+ eosinophilic change, 1+ vacuolic change:bronchial epithelium, 1+ skin/app, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1112	SCHEDULED	27-2	nasal cavit nasopharynx spleen liver NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+ eosinophilic change, 1+ deposit of melanin, 1+ hepatocellular adenoma, '0' skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1113	SCHEDULED	27-2	nasal cavit lung pancreas NON-REMARKABLE	eosinophilic change:respiratory epithelium, 1+//eosinophilic change:olfactory epithelium, 1+ bronchiolar-alveolar carcinoma, '0' cyst, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1114	SCHEDULED	27-2	nasal cavit nasopharynx spleen NON-REMARKABLE	eosinophilic change:respiratory epithelium, 1+//respiratory metaplasia:gland, 1+ eosinophilic change, 1+ deposit of melanin, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone

( ) : Comment      1+ : Slight      2+ : Moderate      3+ : Marked      4+ : Severe      ' ' : Context  
 (B10290)

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 300 ppm

Animal	Death Info.	Week-Day	Organ	Findings
1115	SCHEDULED	27-2	nasal cavit nasopharynx spleen NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+ eosinophilic change, 1+ deposit of melanin, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1116	SCHEDULED	27-3	nasal cavit nasopharynx lung NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+//eosinophilic change:respiratory epithelium, 1+ eosinophilic change, 1+ bronchiolar-alveolar adenoma, '0' //bronchiolar-alveolar cell hyperplasia, 1+ skin/app, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1117	SCHEDULED	27-3	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1118	SCHEDULED	27-3	nasal cavit nasopharynx spleen NON-REMARKABLE	respiratory metaplasia:gland, 1+ eosinophilic change, 1+ hemangioma, '0' skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1119	SCHEDULED	27-3	nasal cavit lung testis epididymis NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+ bronchiolar-alveolar carcinoma, '0' spermatogenic granuloma, 1+ decreased:sperma, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1120	SCHEDULED	27-3	nasal cavit kidney pituitary NON-REMARKABLE	inflammation:respiratory epithelium, 1+//eosinophilic change:respiratory epithelium, 1+//eosinophilic change:olfactory epithelium, 1+ cystic change, 2+ cystic degeneration:anterior lobe, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1121	SCHEDULED	27-4	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1122	SCHEDULED	27-4	testis epididymis NON-REMARKABLE	tubular atrophy:diffuse, 1+ spermatogenic granuloma, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone

( ) : Comment      1+ : Slight      2+ : Moderate      3+ : Marked      4+ : Severe      ' ' : Context  
 (B10290)



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 300 ppm

PAGE : 7

Animal	Death Info.	Week-Day	Organ	Findings
1123	SCHEDULED	27-4	nasal cavit spleen NON-REMARKABLE	respiratory metaplasia:gland, 1+ deposit of melanin, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1124	SCHEDULED	27-4	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1125	SCHEDULED	27-4	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone

( ):Comment      1+ :Slight      2+ :Moderate      3+ :Marked      4+ :Severe      ' ' :Context

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 1000 ppm

Animal	Death Info.	Week-Day	Organ	Findings
1201	SCHEDULED	27-1	nasal cavit lung spleen liver NON-REMARKABLE	atrophy:olfactory epithelium,1+ vacuolic change:bronchial epithelium,1+ deposit of melanin,1+ angiectasis,2+ skin/app,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1202	SCHEDULED	27-1	nasal cavit lung NON-REMARKABLE	atrophy:olfactory epithelium,1+ vacuolic change:bronchial epithelium,2+ skin/app,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1203	SCHEDULED	27-1	lung pituitary NON-REMARKABLE	vacuolic change:bronchial epithelium,2+ cystic degeneration:anterior lobe,1+ skin/app,nasal cavit, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1204	SCHEDULED	27-1	nasal cavit nasopharynx lung liver NON-REMARKABLE	eosinophilic change:olfactory epithelium,1+//atrophy:olfactory epithelium,1+ eosinophilic change,1+ vacuolic change:bronchial epithelium,2+ hepatocellular adenoma,'0' skin/app, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1205	SCHEDULED	27-1	nasal cavit lung pituitary NON-REMARKABLE	atrophy:olfactory epithelium,1+//respiratory metaplasia:gland,1+ vacuolic change:bronchial epithelium,2+ Rathke pouch,1+ skin/app,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1206	SCHEDULED	27-1	nasal cavit lung stomach NON-REMARKABLE	atrophy:olfactory epithelium,1+ vacuolic change:bronchial epithelium,2+ hyperplasia:forestomach,1+ skin/app,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1207	SCHEDULED	27-1	nasal cavit lung stomach NON-REMARKABLE	atrophy:olfactory epithelium,1+ vacuolic change:bronchial epithelium,1+ squamous cell papilloma,'0' skin/app,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1208	SCHEDULED	27-1	nasal cavit	atrophy:olfactory epithelium,1+

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STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 1000 ppm

Animal	Death Info.	Week-Day	Organ	Findings
1208	SCHEDULED	27-1	lung spleen muscle NON-REMARKABLE	bronchiolar-alveolar adenoma, '0' //vacuolic change:bronchial epithelium, 2+ deposit of melanin, 1+ inflammatory infiltration, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, bone
1209	SCHEDULED	27-1	lung spleen NON-REMARKABLE	vacuolic change:bronchial epithelium, 1+ deposit of melanin, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1210	SCHEDULED	27-1	nasal cavit nasopharynx lung liver NON-REMARKABLE	atrophy:olfactory epithelium, 1+ eosinophilic change, 1+ vacuolic change:bronchial epithelium, 1+ mineralization, 1+, with, fibrosis:focal skin/app, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1211	SCHEDULED	27-2	nasal cavit lung NON-REMARKABLE	atrophy:olfactory epithelium, 1+ vacuolic change:bronchial epithelium, 1+//hemorrhage, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1212	SCHEDULED	27-2	lung spleen thyroid NON-REMARKABLE	vacuolic change:bronchial epithelium, 1+ deposit of melanin, 1+ follicular hyperplasia, 1+, with, atypia skin/app, nasal cavit, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1213	SCHEDULED	27-2	heart NON-REMARKABLE	myocardial fibrosis, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1214	SCHEDULED	27-2	nasal cavit spleen NON-REMARKABLE	atrophy:olfactory epithelium, 1+ deposit of melanin, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1215	SCHEDULED	27-2	nasal cavit lung pituitary NON-REMARKABLE	atrophy:olfactory epithelium, 1+ bronchiolar-alveolar carcinoma, '0' Rathke pouch, 1+//cystic degeneration:anterior lobe, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes,

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 1000 ppm

Animal	Death Info.	Week-Day	Organ-Findings	
1215	SCHEDULED	27-2		liver, gall bladd, pancreas, kidney, urin bladd, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1216	SCHEDULED	27-3	nasal cavit thymus parathyroid NON-REMARKABLE	atrophy:olfactory epithelium, 1+ hemorrhage, 1+ ultimobranchial body remanet, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1217	SCHEDULED	27-3	nasal cavit spleen NON-REMARKABLE	atrophy:olfactory epithelium, 1+ hemangioma, '0' skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1218	SCHEDULED	27-3	nasal cavit salivary gl NON-REMARKABLE	atrophy:olfactory epithelium, 1+ lymphocytic infiltration, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1219	SCHEDULED	27-3	lung spleen liver NON-REMARKABLE	bronchiolar-alveolar adenoma, '0' deposit of melanin, 1+ fatty change, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1220	SCHEDULED	27-3	nasal cavit lung NON-REMARKABLE	atrophy:olfactory epithelium, 1+ bronchiolar-alveolar cell hyperplasia, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1221	SCHEDULED	27-4	nasal cavit NON-REMARKABLE	respiratory metaplasia:gland, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1222	SCHEDULED	27-4	nasal cavit spleen NON-REMARKABLE	atrophy:olfactory epithelium, 1+ hemangioma, '0' skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1223	SCHEDULED	27-4	nasal cavit nasopharynx spleen	atrophy:olfactory epithelium, 1+//respiratory metaplasia:gland, 1+ eosinophilic change, 1+ deposit of melanin, 1+

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 1000 ppm

PAGE : 11

Animal	Death Info.	Week-Day	Organ	Findings
1223	SCHEDULED	27-4	NON-REMARKABLE	skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1224	SCHEDULED	27-4	nasal cavit liver NON-REMARKABLE	atrophy:olfactory epithelium, 1+ fatty change, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1225	SCHEDULED	27-4	nasal cavit nasopharynx stomach liver NON-REMARKABLE	atrophy:olfactory epithelium, 1+ eosinophilic change, 1+ ulcer:glandular stomach, 1+ hepatocellular adenoma, '0' skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone

( ) : Comment      1+ : Slight      2+ : Moderate      3+ : Marked      4+ : Severe      ' ' : Context

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 3000 ppm

Animal	Death Info.	Week-Day	Organ	Findings
1301	SCHEDULED	27-1	nasal cavit trachea lung spleen parathyroid muscle NON-REMARKABLE	atrophy:olfactory epithelium,3+//squamous cell metaplasia:respiratory epithelium,1+//inflammation:respiratory epithelium,1+// eosinophilic change:respiratory epithelium,1+//exudate:olfactory region,1+//respiratory metaplasia:olfactory epithelium,1+ vacuolic change:tracheaal epitheliu,1+ vacuolic change:bronchial epithelium,2+ deposit of melanin,1+ lymphocytic infiltration,1+ inflammatory infiltration,1+ skin/app,nasopharynx,larynx,bone marrow,lymph node,thymus,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes,liver,gall bladd, pancreas,kidney,urin bladd,pituitary,thyroid,adrenal,testis,epididymis,semin ves,prostate,mammary gl,brain,spinal cord,periph nerv,eye,Harder gl, bone
1302	SCHEDULED	27-1	nasal cavit lung NON-REMARKABLE	atrophy:olfactory epithelium,3+//squamous cell metaplasia:respiratory epithelium,1+//inflammation:respiratory epithelium,1+// exudate:olfactory region,2+//respiratory metaplasia:olfactory epithelium,1+//eosinophilic change:respiratory epithelium,2+ vacuolic change:bronchial epithelium,2+ skin/app,nasopharynx,larynx,trachea,bone marrow,lymph node,thymus,spleen,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes, liver,gall bladd,pancreas,kidney,urin bladd,pituitary,thyroid,parathyroid,adrenal,testis,epididymis,semin ves,prostate,mammary gl,brain, spinal cord,periph nerv,eye,Harder gl,muscle,bone
1303	SCHEDULED	27-1	nasal cavit lung liver NON-REMARKABLE	atrophy:olfactory epithelium,3+//squamous cell metaplasia:respiratory epithelium,1+//inflammation:respiratory epithelium,1+// exudate:olfactory region,2+//respiratory metaplasia:olfactory epithelium,1+//eosinophilic change:respiratory epithelium,1+ vacuolic change:bronchial epithelium,2+ hemangioma,'0' skin/app,nasopharynx,larynx,trachea,bone marrow,lymph node,thymus,spleen,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes, gall bladd,pancreas,kidney,urin bladd,pituitary,thyroid,parathyroid,adrenal,testis,epididymis,semin ves,prostate,mammary gl,brain,spinal cord, periph nerv,eye,Harder gl,muscle,bone
1304	SCHEDULED	27-1	nasal cavit lung spleen pituitary NON-REMARKABLE	exudate:olfactory region,1+//atrophy:olfactory epithelium,2+//inflammation:respiratory epithelium,1+// respiratory metaplasia:olfactory epithelium,1+ vacuolic change:bronchial epithelium,2+ deposit of melanin,1+ cystic degeneration:anterior lobe,1+ skin/app,nasopharynx,larynx,trachea,bone marrow,lymph node,thymus,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes,liver, gall bladd,pancreas,kidney,urin bladd,thyroid,parathyroid,adrenal,testis,epididymis,semin ves,prostate,mammary gl,brain,spinal cord,periph nerv, eye,Harder gl,muscle,bone
1305	SCHEDULED	27-1	nasal cavit trachea lung NON-REMARKABLE	squamous cell metaplasia:respiratory epithelium,1+//transitional cell hyperplasia,1+//eosinophilic change:respiratory epithelium,2+// atrophy:olfactory epithelium,2+//inflammation:respiratory epithelium,2+ vacuolic change:tracheaal epitheliu,1+ vacuolic change:bronchial epithelium,2+//bronchiolar-alveolar carcinoma,'0' skin/app,nasopharynx,larynx,bone marrow,lymph node,thymus,spleen,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes,liver, gall bladd,pancreas,kidney,urin bladd,pituitary,thyroid,parathyroid,adrenal,testis,epididymis,semin ves,prostate,mammary gl,brain,spinal cord, periph nerv,eye,Harder gl,muscle,bone
1306	SCHEDULED	27-1	nasal cavit lung NON-REMARKABLE	atrophy:olfactory epithelium,3+//squamous cell metaplasia:respiratory epithelium,1+//inflammation:respiratory epithelium,1+// exudate:olfactory region,1+//respiratory metaplasia:olfactory epithelium,1+ vacuolic change:bronchial epithelium,2+ skin/app,nasopharynx,larynx,trachea,bone marrow,lymph node,thymus,spleen,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes, liver,gall bladd,pancreas,kidney,urin bladd,pituitary,thyroid,parathyroid,adrenal,testis,epididymis,semin ves,prostate,mammary gl,brain, spinal cord,periph nerv,eye,Harder gl,muscle,bone

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 3000 ppm

Animal	Death Info.	Week-Day	Organ	Findings
1307	SCHEDULED	27-1	nasal cavit lung liver NON-REMARKABLE	atrophy:olfactory epithelium,3+//squamous cell metaplasia:respiratory epithelium,1+//inflammation:respiratory epithelium,1+// transitional cell hyperplasia,1+//eosinophilic change:respiratory epithelium,1+//exudate:olfactory region,1+// respiratory metaplasia:olfactory epithelium,1+ vacuolic change:bronchial epithelium,2+ angiectasis,1+ skin/app,nasopharynx,larynx,trachea,bone marrow,lymph node,thymus,spleen,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes, gall bladd,pancreas,kidney,urin bladd,pituitary,thyroid,parathyroid,adrenal,testis,epididymis,semin ves,prostate,mammary gl,brain,spinal cord, periph nerv,eye,Harder gl,muscle,bone
1308	SCHEDULED	27-1	nasal cavit trachea lung NON-REMARKABLE	atrophy:olfactory epithelium,3+//squamous cell metaplasia:respiratory epithelium,1+//inflammation:respiratory epithelium,1+// exudate:olfactory region,2+//respiratory metaplasia:olfactory epithelium,1+//respiratory metaplasia:gland,1+ vacuolic change:tracheaal epithelium,1+ vacuolic change:bronchial epithelium,2+ skin/app,nasopharynx,larynx,bone marrow,lymph node,thymus,spleen,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes,liver, gall bladd,pancreas,kidney,urin bladd,pituitary,thyroid,parathyroid,adrenal,testis,epididymis,semin ves,prostate,mammary gl,brain,spinal cord, periph nerv,eye,Harder gl,muscle,bone
1309	SCHEDULED	27-1	nasal cavit lung pituitary NON-REMARKABLE	atrophy:olfactory epithelium,3+//squamous cell metaplasia:respiratory epithelium,1+//inflammation:respiratory epithelium,1+// exudate:olfactory region,2+//respiratory metaplasia:olfactory epithelium,1+ vacuolic change:bronchial epithelium,2+ cystic degeneration:anterior lobe,1+ skin/app,nasopharynx,larynx,trachea,bone marrow,lymph node,thymus,spleen,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes, liver,gall bladd,pancreas,kidney,urin bladd,thyroid,parathyroid,adrenal,testis,epididymis,semin ves,prostate,mammary gl,brain,spinal cord, periph nerv,eye,Harder gl,muscle,bone
1310	SCHEDULED	27-1	nasal cavit trachea lung thymus NON-REMARKABLE	squamous cell metaplasia:respiratory epithelium,1+//inflammation:respiratory epithelium,1+//atrophy:olfactory epithelium,3+ vacuolic change:tracheaal epithelium,1+ vacuolic change:bronchial epithelium,2+ necrosis:focal,1+ skin/app,nasopharynx,larynx,bone marrow,lymph node,spleen,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes,liver,gall bladd, pancreas,kidney,urin bladd,pituitary,thyroid,parathyroid,adrenal,testis,epididymis,semin ves,prostate,mammary gl,brain,spinal cord,periph nerv, eye,Harder gl,muscle,bone
1311	SCHEDULED	27-2	nasal cavit lung NON-REMARKABLE	atrophy:olfactory epithelium,3+//squamous cell metaplasia:respiratory epithelium,1+//inflammation:respiratory epithelium,2+// respiratory metaplasia:olfactory epithelium,1+ vacuolic change:bronchial epithelium,1+ skin/app,nasopharynx,larynx,trachea,bone marrow,lymph node,thymus,spleen,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes, liver,gall bladd,pancreas,kidney,urin bladd,pituitary,thyroid,parathyroid,adrenal,testis,epididymis,semin ves,prostate,mammary gl,brain, spinal cord,periph nerv,eye,Harder gl,muscle,bone
1312	SCHEDULED	27-2	nasal cavit lung NON-REMARKABLE	eosinophilic change:respiratory epithelium,1+//atrophy:olfactory epithelium,2+//inflammation:respiratory epithelium,2+// transitional cell hyperplasia,1+//respiratory metaplasia:olfactory epithelium,1+ vacuolic change:bronchial epithelium,1+ skin/app,nasopharynx,larynx,trachea,bone marrow,lymph node,thymus,spleen,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes, liver,gall bladd,pancreas,kidney,urin bladd,pituitary,thyroid,parathyroid,adrenal,testis,epididymis,semin ves,prostate,mammary gl,brain, spinal cord,periph nerv,eye,Harder gl,muscle,bone
1313	SCHEDULED	27-2	nasal cavit	eosinophilic change:respiratory epithelium,1+//squamous cell metaplasia:respiratory epithelium,1+//inflammation:respiratory epithelium,2+// exudate:olfactory region,2+//atrophy:olfactory epithelium,2+//respiratory metaplasia:olfactory epithelium,1+//respiratory metaplasia:gland,1+

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 3000 ppm

Animal	Death Info.	Week-Day	Organ	Findings
1313	SCHEDULED	27-2	lung parathyroid NON-REMARKABLE	bronchiolar-alveolar carcinoma, '0' ultimobranchial body remanet, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1314	SCHEDULED	27-2	nasal cavit spleen NON-REMARKABLE	eosinophilic change:respiratory epithelium, 1+//inflammation:respiratory epithelium, 1+//squamous cell metaplasia:respiratory epithelium, 1+//exudate:olfactory region, 1+//atrophy:olfactory epithelium, 2+//transitional cell hyperplasia, 1+ deposit of melanin, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1315	SCHEDULED	27-2	nasal cavit lung pituitary NON-REMARKABLE	eosinophilic change:respiratory epithelium, 1+//inflammation:respiratory epithelium, 1+//squamous cell metaplasia:respiratory epithelium, 1+//exudate:olfactory region, 2+//atrophy:olfactory epithelium, 2+//transitional cell hyperplasia, 1+//respiratory metaplasia:olfactory epithelium, 1+ vacuolic change:bronchial epithelium, 1+ hemorrhage, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1316	SCHEDULED	27-3	nasal cavit lung spleen NON-REMARKABLE	atrophy:olfactory epithelium, 2+//exudate:olfactory region, 1+//eosinophilic change:respiratory epithelium, 2+//inflammation:respiratory epithelium, 2+//transitional cell hyperplasia, 1+//squamous cell metaplasia:respiratory epithelium, 1+//respiratory metaplasia:olfactory epithelium, 1+ bronchiolar-alveolar adenoma, '0' fibroma, '0' skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1317	SCHEDULED	27-3	nasal cavit spleen NON-REMARKABLE	eosinophilic change:respiratory epithelium, 1+//inflammation:respiratory epithelium, 1+//squamous cell metaplasia:respiratory epithelium, 1+//exudate:olfactory region, 2+//atrophy:olfactory epithelium, 2+//respiratory metaplasia:olfactory epithelium, 1+ deposit of melanin, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1318	SCHEDULED	27-3	nasal cavit NON-REMARKABLE	eosinophilic change:respiratory epithelium, 2+//inflammation:respiratory epithelium, 1+//squamous cell metaplasia:respiratory epithelium, 1+//exudate:olfactory region, 1+//atrophy:olfactory epithelium, 2+//transitional cell hyperplasia, 1+//respiratory metaplasia:olfactory epithelium, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1319	SCHEDULED	27-3	nasal cavit kidney NON-REMARKABLE	atrophy:olfactory epithelium, 3+//eosinophilic change:respiratory epithelium, 2+//squamous cell metaplasia:respiratory epithelium, 1+//exudate:olfactory region, 1+//inflammation:respiratory epithelium, 2+//respiratory metaplasia:olfactory epithelium, 1+ cystic change, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1320	SCHEDULED	27-3	skin/app	squamous cell papilloma, '0'

( ) : Comment      1+ : Slight      2+ : Moderate      3+ : Marked      4+ : Severe      ' ' : Context



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 3000 ppm

Animal	Death Info.	Week-Day	Organ	Findings
1320	SCHEDULED	27-3	nasal cavit NON-REMARKABLE	inflammation:respiratory epithelium,1+//squamous cell metaplasia:respiratory epithelium,1+//atrophy:olfactory epithelium,2+// respiratory metaplasia:olfactory epithelium,1+ nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1321	SCHEDULED	27-4	nasal cavit testis NON-REMARKABLE	atrophy:olfactory epithelium,3+//eosinophilic change:respiratory epithelium,2+//inflammation:respiratory epithelium,1+// squamous cell metaplasia:respiratory epithelium,1+//exudate:olfactory region,1+//respiratory metaplasia:olfactory epithelium,1+ spermatogenic granuloma,1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1322	SCHEDULED	27-4	subcutis nasal cavit NON-REMARKABLE	hemangioma, '0' inflammation:respiratory epithelium,1+//exudate:olfactory region,1+//respiratory metaplasia:olfactory epithelium,1+// atrophy:olfactory epithelium,3+//respiratory metaplasia:gland,1+//eosinophilic change:respiratory epithelium,1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1323	SCHEDULED	27-4	nasal cavit NON-REMARKABLE	eosinophilic change:respiratory epithelium,1+//inflammation:respiratory epithelium,1+//squamous cell metaplasia:respiratory epithelium,1+// atrophy:olfactory epithelium,2+//exudate:olfactory region,1+//respiratory metaplasia:olfactory epithelium,1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1324	SCHEDULED	27-4	nasal cavit lung parathyroid NON-REMARKABLE	eosinophilic change:respiratory epithelium,1+//squamous cell metaplasia:respiratory epithelium,1+//atrophy:olfactory epithelium,2+// exudate:olfactory region,1+//inflammation:respiratory epithelium,2+//respiratory metaplasia:olfactory epithelium,1+ bronchiolar-alveolar adenoma, '0' ultimobranhial body remanet,1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
1325	SCHEDULED	27-4	nasal cavit spleen NON-REMARKABLE	inflammation:respiratory epithelium,1+//atrophy:olfactory epithelium,2+//eosinophilic change:respiratory epithelium,1+// respiratory metaplasia:olfactory epithelium,1+ deposit of melanin,1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, testis, epididymis, semin ves, prostate, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone

( ):Comment      1+ :Slight      2+ :Moderate      3+ :Marked      4+ :Severe      ' ':Context

(B10290)

APPENDIX 13-2

HISTOPATHOLOGICAL FINDING (INDIVIDUAL) : FEMALE

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : Control

Animal	Death Info.	Week-Day	Organ	Findings
2001	SCHEDULED	27-1	spleen liver NON-REMARKABLE	deposit of melanin, 1+ inflammatory cell nest, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2002	SCHEDULED	27-1	uterus NON-REMARKABLE	cystic endometrial hyperplasia, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2003	SCHEDULED	27-1	spleen stomach uterus NON-REMARKABLE	extramedullary hematopoiesis, 1+ erosion:glandular stomach, 1+ cystic endometrial hyperplasia, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2004	SCHEDULED	27-1	nasal cavit nasopharynx uterus NON-REMARKABLE	eosinophilic change:respiratory epithelium, 1+ eosinophilic change, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2005	SCHEDULED	27-1	nasal cavit lung uterus NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+//respiratory metaplasia:gland, 1+ bronchiolar-alveolar carcinoma, '0' cystic endometrial hyperplasia, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2006	DEAD	24-4	nasal cavit thymus spleen liver pituitary NON-REMARKABLE Cause of Death	respiratory metaplasia:gland, 1+ lymphoid hyperplasia, 1+ hemangiosarcoma, '4' //hemangioma, '1' metastasis:spleen tumor, 1+ cystic degeneration:anterior lobe, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone tumor death:spleen
2007	SCHEDULED	27-2	nasal cavit nasopharynx parathyroid uterus NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+//eosinophilic change:respiratory epithelium, 1+ eosinophilic change, 1+ ultimobranhial body remanet, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2008	SCHEDULED	27-2	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes,

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : Control

PAGE : 17

Animal	Death Info.	Week-Day	Organ	Findings
2008	SCHEDULED	27-2		large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2009	SCHEDULED	27-2	nasal cavit nasopharynx spleen uterus NON-REMARKABLE	eosinophilic change:respiratory epithelium, 1+ eosinophilic change, 1+ extramedullary hematopoiesis, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2010	SCHEDULED	27-2	kidney uterus NON-REMARKABLE	glomerulosclerosis, 2+ cystic endometrial hyperplasia, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2011	SCHEDULED	27-3	nasal cavit nasopharynx liver NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+ eosinophilic change, 1+ basophilic cell focus, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2012	SCHEDULED	27-3	liver uterus NON-REMARKABLE	basophilic cell focus, 1+ cystic endometrial hyperplasia, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2013	SCHEDULED	27-3	nasal cavit nasopharynx kidney uterus NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+ eosinophilic change, 1+ cystic change, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2014	SCHEDULED	27-3	uterus NON-REMARKABLE	cystic endometrial hyperplasia, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2015	SCHEDULED	27-3	nasal cavit NON-REMARKABLE	respiratory metaplasia:gland, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2016	SCHEDULED	27-3	nasal cavit nasopharynx	eosinophilic change:olfactory epithelium, 1+ eosinophilic change, 1+

( ):Comment      1+ :Slight      2+ :Moderate      3+ :Marked      4+ :Severe      ' ' :Context  
 (B10290)

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : Control

PAGE : 18

Animal	Death Info.	Week-Day	Organ	Findings
2016	SCHEDULED	27-3	thyroid uterus NON-REMARKABLE	C-cell hyperplasia, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2017	SCHEDULED	27-3	nasal cavit nasopharynx uterus NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+//respiratory metaplasia:gland, 1+ eosinophilic change, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2018	SCHEDULED	27-3	nasal cavit spleen NON-REMARKABLE	eosinophilic change:respiratory epithelium, 1+//respiratory metaplasia:gland, 1+ hemangioma, '0' skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2019	SCHEDULED	27-3	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2020	SCHEDULED	27-3	nasal cavit nasopharynx parathyroid uterus NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+ eosinophilic change, 1+ ultimobranhial body remanet, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2021	SCHEDULED	27-4	nasal cavit NON-REMARKABLE	respiratory metaplasia:gland, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2022	SCHEDULED	27-4	nasal cavit NON-REMARKABLE	respiratory metaplasia:gland, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2023	SCHEDULED	27-4	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2024	SCHEDULED	27-4	liver uterus NON-REMARKABLE	necrosis:focal, 1+ cystic endometrial hyperplasia, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone

( ):Comment      1+ :Slight      2+ :Moderate      3+ :Marked      4+ :Severe      ' ':Context  
 (B10290)

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : Control

Animal	Death Info.	Week-Day	Organ	Findings
2025	SCHEDULED	27-4	nasal cavit nasopharynx NON-REMARKABLE	eosinophilic change:respiratory epithelium,1+//respiratory metaplasia:gland,1+ eosinophilic change,1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
( ):Comment      1+ :Slight      2+ :Moderate      3+ :Marked      4+ :Severe      ' ':Context				
(B10290)				BAIS6

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 300 ppm

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Animal	Death Info.	Week-Day	Organ	Findings
2101	SCHEDULED	27-1	nasal cavit lung NON-REMARKABLE	eosinophilic change:respiratory epithelium,1+//respiratory metaplasia:gland,1+ vacuolic change:bronchial epithelium,1+ skin/app,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2102	SCHEDULED	27-1	lung NON-REMARKABLE	vacuolic change:bronchial epithelium,2+ skin/app,nasal cavit, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2103	SCHEDULED	27-1	lung adrenal uterus nasolacr d NON-REMARKABLE	vacuolic change:bronchial epithelium,2+ hyperplasia:cortical cell,1+, zona fasciculata cystic endometrial hyperplasia,1+ eosinophilic change:respiratory epithelium,1+ skin/app,nasal cavit, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2104	SCHEDULED	27-1	lung spleen nasolacr d NON-REMARKABLE	vacuolic change:bronchial epithelium,2+ extramedullary hematopoiesis,1+ eosinophilic change:respiratory epithelium,1+ skin/app,nasal cavit, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2105	DEAD	8-2	nasal cavit lung bone marrow spleen peritoneum NON-REMARKABLE  Cause of Death	eosinophilic change:respiratory epithelium,1+ vacuolic change:bronchial epithelium,1+ increased hematopoiesis,1+ hemangiosarcoma, '4' metastasis:spleen tumor,1+ skin/app,nasopharynx, larynx, trachea, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone tumor death:spleen
2106	SCHEDULED	27-2	lung uterus NON-REMARKABLE	accumulation of histiocyte,1+ cystic endometrial hyperplasia,1+ skin/app,nasal cavit, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2107	SCHEDULED	27-2	thymus NON-REMARKABLE	cyst,1+ skin/app,nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2108	SCHEDULED	27-2	nasal cavit lung	respiratory metaplasia:gland,1+ vacuolic change:bronchial epithelium,1+

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STUDY NO. : 0919  
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 REPORT TYPE : A1  
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 300 ppm

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Animal	Death Info.	Week-Day	Organ	Findings
2108	SCHEDULED	27-2	spleen NON-REMARKABLE	extramedullary hematopoiesis, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2109	SCHEDULED	27-2	nasal cavit nasopharynx NON-REMARKABLE	eosinophilic change: olfactory epithelium, 2+//eosinophilic change: respiratory epithelium, 2+//respiratory metaplasia: gland, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2110	SCHEDULED	27-2	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2111	SCHEDULED	27-3	nasal cavit nasopharynx lung spleen uterus NON-REMARKABLE	respiratory metaplasia: gland, 1+ eosinophilic change, 1+ bronchiolar-alveolar cell hyperplasia, 1+ extramedullary hematopoiesis, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2112	SCHEDULED	27-3	nasal cavit nasopharynx spleen uterus NON-REMARKABLE	eosinophilic change: olfactory epithelium, 1+ eosinophilic change, 1+ deposit of melanin, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2113	SCHEDULED	27-3	spleen uterus NON-REMARKABLE	hemangiosarcoma, '0' cystic endometrial hyperplasia, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2114	SCHEDULED	27-3	nasal cavit nasopharynx spleen NON-REMARKABLE	eosinophilic change: respiratory epithelium, 1+//respiratory metaplasia: gland, 1+//eosinophilic change: olfactory epithelium, 1+ eosinophilic change, 1+ deposit of melanin, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2115	SCHEDULED	27-3	nasal cavit spleen NON-REMARKABLE	respiratory metaplasia: gland, 1+//eosinophilic change: olfactory epithelium, 1+ deposit of melanin, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2116	SCHEDULED	27-3	nasal cavit	eosinophilic change: respiratory epithelium, 1+//respiratory metaplasia: gland, 1+//eosinophilic change: olfactory epithelium, 1+



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HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 300 ppm

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Animal	Death Info.	Week-Day	Organ	Findings
2116	SCHEDULED	27-3	nasopharynx uterus NON-REMARKABLE	eosinophilic change, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2117	SCHEDULED	27-3	nasal cavit nasopharynx spleen kidney NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+//eosinophilic change:respiratory epithelium, 1+ eosinophilic change, 1+ deposit of melanin, 1+ lymphocytic infiltration, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2118	SCHEDULED	27-3	nasal cavit nasopharynx uterus NON-REMARKABLE	respiratory metaplasia:gland, 1+//eosinophilic change:olfactory epithelium, 1+ eosinophilic change, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2119	SCHEDULED	27-3	nasal cavit uterus NON-REMARKABLE	eosinophilic change:respiratory epithelium, 1+//eosinophilic change:olfactory epithelium, 1+ cystic endometrial hyperplasia, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2120	SCHEDULED	27-3	nasal cavit nasopharynx spleen uterus NON-REMARKABLE	eosinophilic change:respiratory epithelium, 1+//respiratory metaplasia:gland, 1+//eosinophilic change:olfactory epithelium, 1+ eosinophilic change, 1+ deposit of melanin, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2121	SCHEDULED	27-4	nasal cavit pituitary ovary uterus NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+ cystic degeneration:anterior lobe, 1+ angiectasis, 1+ cystic endometrial hyperplasia, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, thyroid, parathyroid, adrenal, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2122	SCHEDULED	27-4	thymus spleen pituitary NON-REMARKABLE	hemorrhage, 1+ deposit of melanin, 1+ cystic degeneration:anterior lobe, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2123	SCHEDULED	27-4	nasal cavit NON-REMARKABLE	respiratory metaplasia:gland, 1+//eosinophilic change:olfactory epithelium, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes,

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 REPORT TYPE : A1  
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HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 300 ppm

Animal	Death Info.	Week-Day	Organ	Findings
2123	SCHEDULED	27-4		liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2124	SCHEDULED	27-4	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2125	DEAD	21-3	bone marrow thymus spleen peritoneum NON-REMARKABLE	increased hematopoiesis, 1+ necrosis: single cell, 1+ extramedullary hematopoiesis, 1+ hemangioma, '4' skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, lymph node, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
			Cause of Death	tumor death: peritoneum

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HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 1000 ppm

Animal	Death Info.	Week-Day	Organ	Findings
2201	SCHEDULED	27-1	lung NON-REMARKABLE	vacuolic change:bronchial epithelium, 2+ skin/app,nasal cavit,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2202	SCHEDULED	27-1	nasal cavit lung NON-REMARKABLE	respiratory metaplasia:gland, 1+ vacuolic change:bronchial epithelium, 2+ skin/app,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2203	SCHEDULED	27-1	lung uterus NON-REMARKABLE	vacuolic change:bronchial epithelium, 1+ cystic endometrial hyperplasia, 1+ skin/app,nasal cavit,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2204	SCHEDULED	27-1	nasal cavit lung NON-REMARKABLE	atrophy:olfactory epithelium, 1+ vacuolic change:bronchial epithelium, 2+ skin/app,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2205	SCHEDULED	27-1	nasal cavit nasopharynx lung adrenal uterus NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+//respiratory metaplasia:gland, 1+ eosinophilic change, 1+ vacuolic change:bronchial epithelium, 1+ hyperplasia:medulla, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2206	SCHEDULED	27-2	lung uterus NON-REMARKABLE	vacuolic change:bronchial epithelium, 1+ cystic endometrial hyperplasia, 1+ skin/app,nasal cavit,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2207	SCHEDULED	27-2	lung uterus NON-REMARKABLE	vacuolic change:bronchial epithelium, 1+ cystic endometrial hyperplasia, 1+ skin/app,nasal cavit,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2208	SCHEDULED	27-2	lung stomach NON-REMARKABLE	vacuolic change:bronchial epithelium, 1+ squamous cell papilloma, '0' skin/app,nasal cavit,nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2209	DEAD	10-2	nasal cavit	atrophy:olfactory epithelium, 1+//eosinophilic change:respiratory epithelium, 1+

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 REPORT TYPE : A1  
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 1000 ppm

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Animal	Death Info.	Week-Day	Organ	Findings
2209	DEAD	10-2	lung spleen stomach kidney NON-REMARKABLE Cause of Death	vacuolic change:bronchial epithelium, 1+ deposit of melanin, 1+ hyperplasia:forestomach, 1+ hemorrhage, 2+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, small intes, large intes, liver, gall bladd, pancreas, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone renal lesion
2210	SCHEDULED	27-2	lung NON-REMARKABLE	vacuolic change:bronchial epithelium, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2211	SCHEDULED	27-3	nasal cavit nasopharynx uterus NON-REMARKABLE	eosinophilic change:respiratory epithelium, 1+ eosinophilic change, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2212	SCHEDULED	27-3	lung thymus uterus NON-REMARKABLE	leukemic cell infiltration, 1+ malignant lymphoma, '0' cystic endometrial hyperplasia, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, bone marrow, lymph node, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2213	SCHEDULED	27-3	nasal cavit lung spleen stomach pleura NON-REMARKABLE	atrophy:olfactory epithelium, 1+//exudate:olfactory region, 1+//inflammation:respiratory epithelium, 1+//transitional cell hyperplasia, 1+ bronchiolar-alveolar carcinoma, '0' //vacuolic change:bronchial epithelium, 1+ extramedullary hematopoiesis, 1+ hyperplasia:forestomach, 3+ metastasis:lung tumor, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2214	SCHEDULED	27-3	nasal cavit nasopharynx uterus NON-REMARKABLE	eosinophilic change:olfactory epithelium, 2+//eosinophilic change:respiratory epithelium, 1+ eosinophilic change, 1+ cystic endometrial hyperplasia, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2215	SCHEDULED	27-3	spleen uterus NON-REMARKABLE	deposit of melanin, 1+ cystic endometrial hyperplasia, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2216	SCHEDULED	27-3	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes,

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 REPORT TYPE : A1  
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 1000 ppm

Animal	Death Info.	Week-Day	Organ	Findings
2216	SCHEDULED	27-3		large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2217	SCHEDULED	27-3	spleen Harder gl NON-REMARKABLE	deposit of melanin, 1+ hyperplasia, 2+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, muscle, bone
2218	SCHEDULED	27-3	lung uterus NON-REMARKABLE	bronchiolar-alveolar carcinoma, '0' cystic endometrial hyperplasia, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2219	SCHEDULED	27-3	nasal cavit kidney NON-REMARKABLE	atrophy: olfactory epithelium, 1+//eosinophilic change: olfactory epithelium, 1+ hyaline cast, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2220	SCHEDULED	27-3	nasal cavit kidney uterus NON-REMARKABLE	eosinophilic change: olfactory epithelium, 1+ hyaline cast, 1+ cystic endometrial hyperplasia, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2221	SCHEDULED	27-4	spleen ovary uterus NON-REMARKABLE	deposit of melanin, 1+ cyst, 1+ cystic endometrial hyperplasia, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2222	SCHEDULED	27-4	NON-REMARKABLE	skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2223	SCHEDULED	27-4	nasal cavit uterus NON-REMARKABLE	respiratory metaplasia: gland, 1+ cystic endometrial hyperplasia, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2224	SCHEDULED	27-4	spleen uterus NON-REMARKABLE	deposit of melanin, 1+ cystic endometrial hyperplasia, 1+ skin/app, nasal cavit, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord,

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 1000 ppm

Animal	Death Info.	Week-Day	Organ	Findings
2224	SCHEDULED	27-4		periph nerv, eye, Harder gl, muscle, bone
2225	SCHEDULED	27-4	nasal cavit nasopharynx NON-REMARKABLE	eosinophilic change:olfactory epithelium, 1+ eosinophilic change, 1+ skin/app, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone

( ):Comment      1+ :Slight      2+ :Moderate      3+ :Marked      4+ :Severe      ' ':Context

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 3000 ppm

Animal	Death Info.	Week-Day	Organ	Findings
2301	SCHEDULED	27-1	nasal cavit trachea lung NON-REMARKABLE	atrophy:olfactory epithelium,2+//inflammation:respiratory epithelium,1+//exudate:olfactory region,2+//eosinophilic change:olfactory epithelium,1+//squamous cell metaplasia:respiratory epithelium,1+//respiratory metaplasia:olfactory epithelium,1+//atrophy:turbinate,1+ vacuolic change:tracheaal epithelium,1+ vacuolic change:bronchial epithelium,2+ skin/app,nasopharynx,larynx,bone marrow,lymph node,thymus,spleen,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes,liver,gall bladd,pancreas,kidney,urin bladd,pituitary,thyroid,parathyroid,adrenal,ovary,uterus,vagina,mammary gl,brain,spinal cord,periph nerv,eye,Harder gl,muscle,bone
2302	SCHEDULED	27-1	nasal cavit trachea lung NON-REMARKABLE	atrophy:olfactory epithelium,2+//eosinophilic change:respiratory epithelium,1+//inflammation:respiratory epithelium,2+//transitional cell hyperplasia,1+//exudate:olfactory region,2+//respiratory metaplasia:olfactory epithelium,1+ vacuolic change:tracheaal epithelium,1+ vacuolic change:bronchial epithelium,2+ skin/app,nasopharynx,larynx,bone marrow,lymph node,thymus,spleen,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes,liver,gall bladd,pancreas,kidney,urin bladd,pituitary,thyroid,parathyroid,adrenal,ovary,uterus,vagina,mammary gl,brain,spinal cord,periph nerv,eye,Harder gl,muscle,bone
2303	SCHEDULED	27-1	nasal cavit trachea lung spleen NON-REMARKABLE	atrophy:olfactory epithelium,2+//squamous cell metaplasia:respiratory epithelium,1+//inflammation:respiratory epithelium,2+//exudate:olfactory region,1+//respiratory metaplasia:olfactory epithelium,1+ vacuolic change:tracheaal epithelium,1+ vacuolic change:bronchial epithelium,2+ extramedullary hematopoiesis,1+ skin/app,nasopharynx,larynx,bone marrow,lymph node,thymus,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes,liver,gall bladd,pancreas,kidney,urin bladd,pituitary,thyroid,parathyroid,adrenal,ovary,uterus,vagina,mammary gl,brain,spinal cord,periph nerv,eye,Harder gl,muscle,bone
2304	SCHEDULED	27-1	nasal cavit trachea lung spleen uterus NON-REMARKABLE	atrophy:olfactory epithelium,2+//inflammation:respiratory epithelium,2+//exudate:olfactory region,2+//respiratory metaplasia:olfactory epithelium,1+//atrophy:turbinate,1+ vacuolic change:tracheaal epithelium,1+ vacuolic change:bronchial epithelium,2+ deposit of melanin,1+ cystic endometrial hyperplasia,1+ skin/app,nasopharynx,larynx,bone marrow,lymph node,thymus,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes,liver,gall bladd,pancreas,kidney,urin bladd,pituitary,thyroid,parathyroid,adrenal,ovary,vagina,mammary gl,brain,spinal cord,periph nerv,eye,Harder gl,muscle,bone
2305	SCHEDULED	27-1	nasal cavit trachea lung uterus NON-REMARKABLE	atrophy:olfactory epithelium,3+//inflammation:respiratory epithelium,2+//eosinophilic change:respiratory epithelium,1+//exudate:olfactory region,2+//respiratory metaplasia:olfactory epithelium,1+//atrophy:turbinate,1+ vacuolic change:tracheaal epithelium,1+ vacuolic change:bronchial epithelium,2+ cystic endometrial hyperplasia,1+ skin/app,nasopharynx,larynx,bone marrow,lymph node,thymus,spleen,heart,tongue,salivary gl,esophagus,stomach,small intes,large intes,liver,gall bladd,pancreas,kidney,urin bladd,pituitary,thyroid,parathyroid,adrenal,ovary,vagina,mammary gl,brain,spinal cord,periph nerv,eye,Harder gl,muscle,bone
2306	SCHEDULED	27-2	nasal cavit lung heart uterus NON-REMARKABLE	atrophy:olfactory epithelium,2+//eosinophilic change:olfactory epithelium,1+//squamous cell metaplasia:respiratory epithelium,1+//exudate:olfactory region,2+//inflammation:respiratory epithelium,1+//atrophy:turbinate,1+//respiratory metaplasia:gland,1+ vacuolic change:bronchial epithelium,1+ myocardial fibrosis,1+ vascular anomaly,2+ skin/app,nasopharynx,larynx,trachea,bone marrow,lymph node,thymus,spleen,tongue,salivary gl,esophagus,stomach,small intes,large intes,liver,

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 3000 ppm

PAGE : 29

Animal	Death Info.	Week-Day	Organ	Findings
2306	SCHEDULED	27-2		gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2307	SCHEDULED	27-2	nasal cavit lung NON-REMARKABLE	atrophy:olfactory epithelium, 2+//squamous cell metaplasia:respiratory epithelium, 1+//inflammation:respiratory epithelium, 1+//respiratory metaplasia:olfactory epithelium, 1+//exudate:olfactory region, 1+ vacuolic change:bronchial epithelium, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2308	SCHEDULED	27-2	nasal cavit lung spleen pituitary NON-REMARKABLE	atrophy:olfactory epithelium, 2+//squamous cell metaplasia:respiratory epithelium, 1+//exudate:olfactory region, 2+//respiratory metaplasia:olfactory epithelium, 1+//inflammation:respiratory epithelium, 1+//atrophy:turbinate, 1+//respiratory metaplasia:gland, 1+ vacuolic change:bronchial epithelium, 1+ deposit of melanin, 1+ cystic degeneration:anterior lobe, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2309	SCHEDULED	27-2	nasal cavit lung uterus NON-REMARKABLE	atrophy:olfactory epithelium, 2+//inflammation:respiratory epithelium, 1+//squamous cell metaplasia:respiratory epithelium, 1+//exudate:olfactory region, 1+//exudate:respiratory region, 1+//respiratory metaplasia:olfactory epithelium, 1+ vacuolic change:bronchial epithelium, 1+ cystic endometrial hyperplasia, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2310	SCHEDULED	27-2	nasal cavit lung spleen stomach uterus NON-REMARKABLE	atrophy:olfactory epithelium, 2+//inflammation:respiratory epithelium, 2+//squamous cell metaplasia:respiratory epithelium, 1+//exudate:olfactory region, 1+//respiratory metaplasia:olfactory epithelium, 1+//eosinophilic change:respiratory epithelium, 1+//atrophy:turbinate, 1+ vacuolic change:bronchial epithelium, 1+ deposit of melanin, 1+ hyperplasia:forestomach, 1+ deposit of brown pigment, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2311	SCHEDULED	27-3	nasal cavit lung uterus NON-REMARKABLE	exudate:olfactory region, 2+//respiratory metaplasia:olfactory epithelium, 1+//atrophy:olfactory epithelium, 2+//inflammation:respiratory epithelium, 2+//eosinophilic change:respiratory epithelium, 1+//squamous cell metaplasia:respiratory epithelium, 1+//transitional cell hyperplasia, 1+//atrophy:turbinate, 1+ accumulation of histiocyte, 1+ cystic endometrial hyperplasia, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2312	SCHEDULED	27-3	nasal cavit NON-REMARKABLE	exudate:olfactory region, 2+//atrophy:olfactory epithelium, 2+//respiratory metaplasia:olfactory epithelium, 1+//eosinophilic change:respiratory epithelium, 1+//squamous cell metaplasia:respiratory epithelium, 1+//inflammation:respiratory epithelium, 2+//atrophy:turbinate, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes,



STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 3000 ppm

PAGE : 30

Animal	Death Info.	Week-Day	Organ	Findings
2312	SCHEDULED	27-3		liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2313	SCHEDULED	27-3	nasal cavit  NON-REMARKABLE	exudate:olfactory region, 2+//eosinophilic change:olfactory epithelium, 1+//atrophy:olfactory epithelium, 2+//respiratory metaplasia:gland, 1+//eosinophilic change:respiratory epithelium, 1+//transitional cell hyperplasia, 1+//inflammation:respiratory epithelium, 2+//squamous cell metaplasia:respiratory epithelium, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2314	SCHEDULED	27-3	nasal cavit  uterus NON-REMARKABLE	exudate:olfactory region, 2+//atrophy:olfactory epithelium, 3+//respiratory metaplasia:olfactory epithelium, 1+//eosinophilic change:respiratory epithelium, 1+//inflammation:respiratory epithelium, 1+//transitional cell hyperplasia, 1+ endometrial hyperplasia, 1+, with, atypia skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2315	SCHEDULED	27-3	nasal cavit  lung kidney uterus NON-REMARKABLE	exudate:olfactory region, 2+//atrophy:olfactory epithelium, 3+//inflammation:respiratory epithelium, 2+//squamous cell metaplasia:respiratory epithelium, 1+//eosinophilic change:respiratory epithelium, 1+//atrophy:turbinate, 1+ bronchiolar-alveolar cell hyperplasia, 2+ endothelial cell hyperplasia, 1+ cystic endometrial hyperplasia, 1+ skin/app, nasopharynx, larynx, trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2316	SCHEDULED	27-3	nasal cavit  spleen NON-REMARKABLE	exudate:olfactory region, 2+//atrophy:olfactory epithelium, 2+//squamous cell metaplasia:respiratory epithelium, 1+//inflammation:respiratory epithelium, 1+//atrophy:turbinate, 1+//transitional cell hyperplasia, 1+ deposit of melanin, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2317	SCHEDULED	27-3	nasal cavit  NON-REMARKABLE	exudate:olfactory region, 2+//atrophy:olfactory epithelium, 2+//respiratory metaplasia:olfactory epithelium, 1+//squamous cell metaplasia:respiratory epithelium, 1+//inflammation:respiratory epithelium, 1+//atrophy:turbinate, 1+//transitional cell hyperplasia, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2318	SCHEDULED	27-3	nasal cavit  uterus NON-REMARKABLE	exudate:olfactory region, 2+//atrophy:olfactory epithelium, 2+//respiratory metaplasia:olfactory epithelium, 1+//eosinophilic change:respiratory epithelium, 1+//squamous cell metaplasia:respiratory epithelium, 1+//transitional cell hyperplasia, 1+//inflammation:respiratory epithelium, 1+//atrophy:turbinate, 1+ cystic endometrial hyperplasia, 1+ skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2319	SCHEDULED	27-3	nasal cavit	exudate:olfactory region, 2+//atrophy:olfactory epithelium, 2+//respiratory metaplasia:olfactory epithelium, 1+//exudate:respiratory region, 1+//

( ) : Comment      1+ : Slight      2+ : Moderate      3+ : Marked      4+ : Severe      ' ' : Context  
 (B10290)

STUDY NO. : 0919  
 ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
 REPORT TYPE : A1  
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
 ALL ANIMALS (0- 27W)

GROUP NAME : 3000 ppm

Animal	Death Info.	Week-Day	Organ-Findings	
2319	SCHEDULED	27-3	spleen pituitary uterus NON-REMARKABLE	squamous cell metaplasia:respiratory epithelium,1+//inflammation:respiratory epithelium,1+//respiratory metaplasia:gland,1+ deposit of melanin,1+//extramedullary hematopoiesis,1+ cystic degeneration:anterior lobe,1+ cystic endometrial hyperplasia,1+ skin/app,nasopharynx,larynx,trachea, lung, bone marrow, lymph node, thymus, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2320	SCHEDULED	27-3	nasal cavit  kidney uterus NON-REMARKABLE	exudate:olfactory region,2+//atrophy:olfactory epithelium,2+//respiratory metaplasia:olfactory epithelium,1+// inflammation:respiratory epithelium,1+//squamous cell metaplasia:respiratory epithelium,1+//atrophy:turbinate,1+//transitional cell hyperplasia,1+ hydronephrosis,3+ cystic endometrial hyperplasia,1+ skin/app,nasopharynx,larynx,trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2321	SCHEDULED	27-4	nasal cavit  liver NON-REMARKABLE	exudate:olfactory region,2+//atrophy:olfactory epithelium,2+//respiratory metaplasia:olfactory epithelium,1+// squamous cell metaplasia:respiratory epithelium,1+//eosinophilic change:respiratory epithelium,1+//inflammation:respiratory epithelium,2+// respiratory metaplasia:gland,1+ lymphocytic infiltration,1+ skin/app,nasopharynx,larynx,trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2322	SCHEDULED	27-4	nasal cavit  NON-REMARKABLE	exudate:olfactory region,2+//atrophy:olfactory epithelium,3+//respiratory metaplasia:olfactory epithelium,1+// eosinophilic change:respiratory epithelium,1+//squamous cell metaplasia:respiratory epithelium,1+//inflammation:respiratory epithelium,1+// transitional cell hyperplasia,1+//atrophy:turbinate,1+ skin/app,nasopharynx,larynx,trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2323	SCHEDULED	27-4	nasal cavit  NON-REMARKABLE	exudate:olfactory region,2+//atrophy:olfactory epithelium,3+//respiratory metaplasia:olfactory epithelium,1+//exudate:respiratory region,1+// eosinophilic change:respiratory epithelium,1+//inflammation:respiratory epithelium,2+//squamous cell metaplasia:respiratory epithelium,1+ skin/app,nasopharynx,larynx,trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, uterus, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2324	SCHEDULED	27-4	nasal cavit  lung uterus NON-REMARKABLE	exudate:olfactory region,2+//atrophy:olfactory epithelium,3+//respiratory metaplasia:olfactory epithelium,1+// squamous cell metaplasia:respiratory epithelium,1+//inflammation:respiratory epithelium,1+//eosinophilic change:respiratory epithelium,1+// atrophy:turbinate,1+//transitional cell hyperplasia,1+ bronchiolar-alveolar cell hyperplasia,2+ cystic endometrial hyperplasia,1+ skin/app,nasopharynx,larynx,trachea, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone
2325	SCHEDULED	27-4	nasal cavit  uterus	exudate:olfactory region,1+//atrophy:olfactory epithelium,2+//respiratory metaplasia:olfactory epithelium,1+// inflammation:respiratory epithelium,2+//eosinophilic change:respiratory epithelium,1+//transitional cell hyperplasia,1+//atrophy:turbinate,1+ cystic endometrial hyperplasia,1+

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
REPORT TYPE : A1  
SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS (INDIVIDUAL)  
ALL ANIMALS (0- 27W)

GROUP NAME : 3000 ppm

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Animal	Death Info.	Week-Day	Organ-Findings
2325	SCHEDULED	27-4	NON-REMARKABLE skin/app, nasopharynx, larynx, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gl, esophagus, stomach, small intes, large intes, liver, gall bladd, pancreas, kidney, urin bladd, pituitary, thyroid, parathyroid, adrenal, ovary, vagina, mammary gl, brain, spinal cord, periph nerv, eye, Harder gl, muscle, bone

( ) : Comment      1+ : Slight      2+ : Moderate      3+ : Marked      4+ : Severe      ' ' : Context

(B10290) \_\_\_\_\_ BAI6

APPENDIX 14-1

CAUSE OF DEATH (INDIVIDUAL) : MALE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
SEX : MALE

GROUP NAME : Control

COUSE OF DEATH (INDIVIDUAL)

PAGE : 1

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Animal ID-NO.	Death Information	Time of Examination (Week-Day)	Time of Sacrifice	Couse of Death
1003	DEAD	17-4	(1)	no microscopical confirmation
1022	DEAD	16-4	(1)	tumor death:leukemia

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(B10080)

BAIS6

APPENDIX 14-2

CAUSE OF DEATH (INDIVIDUAL) : FEMALE

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
SEX : FEMALE

GROUP NAME : Control

COUSE OF DEATH (INDIVIDUAL)

PAGE : 2

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Animal ID-NO.	Death Information	Time of Examination (Week-Day)	Time of Sacrifice	Couse of Death
2006	DEAD	24-4	(1)	tumor death:spleen

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(B10080)

BAIS6

STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
SEX : FEMALE      GROUP NAME :

COUSE OF DEATH (INDIVIDUAL)

300 ppm

PAGE : 3

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Animal ID-NO.	Death Information	Time of Examination (Week-Day)	Time of Sacrifice	Couse of Death
2105	DEAD	8-2	(1)	tumor death:spleen
2125	DEAD	21-3	(1)	tumor death:peritoneum

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(B10080)

BAIS6



STUDY NO. : 0919  
ANIMAL : CByB6F1-Tg(HRAS)2Jic (tg/wt)  
SEX : FEMALE      GROUP NAME : 1000 ppm

COUSE OF DEATH (INDIVIDUAL)

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Animal ID-NO.	Death Information	Time of Examination (Week-Day)	Time of Sacrifice	Couse of Death
2209	DEAD	10-2	(1)	renal lesion

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(B10080)

BAIS6