

Experiment Number: 20011-04
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane
CAS Number: 106-94-5

Date Report Requested: 10/18/2014
Time Report Requested: 17:06:33
First Dose M/F: NA / NA
Lab: BNW

C Number:	C20011
Lock Date:	06/13/2003
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 20011-04

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF 1-BROMOPROPANE

MALE MOUSE

Organ

Larynx

Liver

Liver: Hepatocyte

Lung: Bronchiole

Nose: Olfactory Epi

Nose: Respirat Epith

Testes: Germinal Epith

Trachea

FEMALE MOUSE

Organ

Adrenal Cortex

Kidney: Renal Tubule

Liver

Liver: Hepatocyte

Lung: Bronchiole

Nose: Respirat Epith

Morphology

Necrosis

Vacuolization Cytoplasmic

Inflammation Chronic

Mineralization

Necrosis

Degeneration

Necrosis

Vacuolization Cytoplasmic

Regeneration

Necrosis

Vacuolization Cytoplasmic

Necrosis

Degeneration

Hyperplasia

Vacuolization Cytoplasmic

Morphology

Inflammation Chronic

Necrosis

Regeneration

Inflammation Chronic

Mineralization

Necrosis

Degeneration

Necrosis

Regeneration

Vacuolization Cytoplasmic

Necrosis

Vacuolization Cytoplasmic

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF 1-BROMOPROPANE

Trachea

Necrosis

Vacuolization Cytoplasmic

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS**

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Adrenal Cortex					
Inflammation Chronic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/9.01	0/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

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First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Adrenal Cortex					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/9.01	0/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

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First Dose M/F: NA / NA

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Gallbladder					
Infiltration Cellular Polymorphnuclr					
LESION RATES					
OVERALL(a)	0/7 (0%)	0/0 (0%)	0/0 (0%)	1/5 (20%)	0/6 (0%)
POLY-3 RATE (b)	0/7.00	0/0.00	0/0.00	1/5.00	0/4.00
POLY-3 PERCENT (g)	0%	0%	0%	20%	0%
TERMINAL (d)	0/7 (0%)	0/0 (0%)	0/0 (0%)	1/5 (20%)	0/4 (0%)
FIRST INCIDENCE	---	---	---	95(T)	---
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	P=0.432	(e)
POLY 1.5	(e)	(e)	(e)	P=0.432	(e)
POLY 6	(e)	(e)	(e)	P=0.432	(e)
COCH-ARM / FISHERS	P=0.705	(e)	(e)	P=0.417	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.133	(e)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

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Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

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Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Gallbladder					
Vacuolization Cytoplasmic					
LESION RATES					
OVERALL(a)	0/7 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)	1/6 (17%)
POLY-3 RATE (b)	0/7.00	0/0.00	0/0.00	0/5.00	1/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	20%
TERMINAL (d)	0/7 (0%)	0/0 (0%)	0/0 (0%)	0/5 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	---	---	4
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	P=0.432
POLY 1.5	(e)	(e)	(e)	(e)	P=0.433
POLY 6	(e)	(e)	(e)	(e)	P=0.432
COCH-ARM / FISHERS	P=0.250	(e)	(e)	(e)	P=0.462
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.145
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

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Species/Strain: Mouse/B6C3F1

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Test Compound: 1-Bromopropane

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Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Harderian Gland					
Hyperplasia					
LESION RATES					
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/8.01	0/6.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/6 (0%)
FIRST INCIDENCE	95(T)	---	---	---	---
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	P=0.544N	P=0.595N
POLY 1.5	(e)	(e)	(e)	P=0.541N	P=0.594N
POLY 6	(e)	(e)	(e)	P=0.544N	P=0.595N
COCH-ARM / FISHERS	P=0.270N	(e)	(e)	P=0.526N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.206N	P=0.275N
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

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First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS**

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Heart					
Inflammation					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/9.01	1/7.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	14.3%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	10
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	P=0.430
POLY 1.5	(e)	(e)	(e)	(e)	P=0.431
POLY 6	(e)	(e)	(e)	(e)	P=0.430
COCH-ARM / FISHERS	P=0.267	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.156
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

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First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS**

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Kidney					
Inflammation Chronic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/9.01	0/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

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First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Kidney: Renal Tubule Regeneration					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	1/9.01	1/6.00
POLY-3 PERCENT (g)	0%	0%	0%	11.1%	16.7%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	1/6 (17%)
FIRST INCIDENCE	---	---	---	95(T)	95(T)
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	P=0.479	P=0.402
POLY 1.5	(e)	(e)	(e)	P=0.482	P=0.404
POLY 6	(e)	(e)	(e)	P=0.479	P=0.402
COCH-ARM / FISHERS	P=0.327	(e)	(e)	P=0.500	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.158	P=0.154
HISTCONT SAME RTE					
HISTCONT ALL RTEs					
CURR VS HC SAME RTE					
CURR VS HC ALL RTEs					

Experiment Number: 20011-04

Test Type: 90-DAY

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Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

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First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Larynx					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/9 (22%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.01	2/7.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	28.6%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P=0.009**	(e)	(e)	(e)	P=0.147
POLY 1.5	P=0.009**	(e)	(e)	(e)	P=0.148
POLY 6	P=0.009**	(e)	(e)	(e)	P=0.147
COCH-ARM / FISHERS	P=0.016*	(e)	(e)	(e)	P=0.211
MAX-ISO-POLY-3	P=0.009**	(e)	(e)	(e)	P=0.055
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

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Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Larynx					
Vacuolization Cytoplasmic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	3/9 (33%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	3/8.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	37.5%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	23	4
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	(e)	P=0.500	P=0.055
POLY 1.5	P<0.001**	(e)	(e)	P=0.500	P=0.055
POLY 6	P<0.001**	(e)	(e)	P=0.500	P=0.055
COCH-ARM / FISHERS	P=0.003**	(e)	(e)	P=0.500	P=0.087
MAX-ISO-POLY-3	P=0.002**	(e)	(e)	P=0.159	P=0.018*
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

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First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Liver					
Eosinophilic Focus					
LESION RATES					
OVERALL(a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/9.01	0/6.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	95(T)	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.270N	P=0.500N	P=0.500N	P=0.521N	P=0.595N
POLY 1.5	P=0.270N	P=0.500N	P=0.500N	P=0.518N	P=0.594N
POLY 6	P=0.270N	P=0.500N	P=0.500N	P=0.521N	P=0.595N
COCH-ARM / FISHERS	P=0.360N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.300N	P=0.159N	P=0.159N	P=0.185N	P=0.275N
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

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First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Liver					
Inflammation Chronic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	6/10 (60%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/9.01	6/6.00
POLY-3 PERCENT (g)	0%	0%	0%	11.1%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/9 (11%)	6/6 (100%)
FIRST INCIDENCE	---	---	---	95(T)	95(T)
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	P=0.479	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	P=0.482	P=0.000**
POLY 6	P=0.000**	(e)	(e)	P=0.479	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.500	P=0.005**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.158	P=0.000**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Liver					
Mineralization					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.01	5/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	83.3%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	5/6 (83%)
FIRST INCIDENCE	---	---	---	---	95(T)
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.016*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Liver					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.01	4/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	40%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.033*
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.033*
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.033*
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.043*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P=0.007**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Liver					
Tension Lipidosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.01	0/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Liver					
Vacuolization Cytoplasmic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.01	1/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	16.7%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	1/6 (17%)
FIRST INCIDENCE	---	---	---	---	95(T)
STATISTICAL TESTS					
POLY 3	P=0.104	(e)	(e)	(e)	P=0.402
POLY 1.5	P=0.105	(e)	(e)	(e)	P=0.404
POLY 6	P=0.104	(e)	(e)	(e)	P=0.402
COCH-ARM / FISHERS	P=0.142	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.094	(e)	(e)	(e)	P=0.154
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS**

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Liver: Hepatocyte Degeneration					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.01	4/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	40%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.033*
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.033*
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.033*
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.043*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P=0.007**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Lung					
Hemorrhage					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.01	0/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Lung					
Inflammation Acute					
LESION RATES					
OVERALL(a)	0/10 (0%)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	2/10.00	0/10.00	0/9.01	0/6.00
POLY-3 PERCENT (g)	0%	20%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	95(T)	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.299N	P=0.227	(e)	(e)	(e)
POLY 1.5	P=0.297N	P=0.227	(e)	(e)	(e)
POLY 6	P=0.299N	P=0.227	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.305N	P=0.237	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.416N	P=0.067	(e)	(e)	(e)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS**

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Lung: Bronchiole					
Autolysis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.01	1/7.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	14.3%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	10
STATISTICAL TESTS					
POLY 3	P=0.113	(e)	(e)	(e)	P=0.430
POLY 1.5	P=0.113	(e)	(e)	(e)	P=0.431
POLY 6	P=0.113	(e)	(e)	(e)	P=0.430
COCH-ARM / FISHERS	P=0.142	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.095	(e)	(e)	(e)	P=0.156
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Lung: Bronchiole Hyperplasia					
LESION RATES					
OVERALL(a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/9.01	0/6.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	95(T)	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.270N	P=0.500N	P=0.500N	P=0.521N	P=0.595N
POLY 1.5	P=0.270N	P=0.500N	P=0.500N	P=0.518N	P=0.594N
POLY 6	P=0.270N	P=0.500N	P=0.500N	P=0.521N	P=0.595N
COCH-ARM / FISHERS	P=0.360N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.300N	P=0.159N	P=0.159N	P=0.185N	P=0.275N
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Lung: Bronchiole					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	3/9.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	33.3%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	23	3
STATISTICAL TESTS					
POLY 3	P=0.002**	(e)	(e)	P=0.500	P=0.076
POLY 1.5	P=0.002**	(e)	(e)	P=0.500	P=0.076
POLY 6	P=0.002**	(e)	(e)	P=0.500	P=0.076
COCH-ARM / FISHERS	P=0.005**	(e)	(e)	P=0.500	P=0.105
MAX-ISO-POLY-3	P=0.004**	(e)	(e)	P=0.159	P=0.023*
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Lung: Bronchiole Regeneration					
LESION RATES					
OVERALL(a)	3/10 (30%)	3/10 (30%)	4/10 (40%)	7/10 (70%)	5/10 (50%)
POLY-3 RATE (b)	3/10.00	3/10.00	4/10.00	7/9.01	5/6.00
POLY-3 PERCENT (g)	30%	30%	40%	77.7%	83.3%
TERMINAL (d)	3/10 (30%)	3/10 (30%)	4/10 (40%)	7/9 (78%)	5/6 (83%)
FIRST INCIDENCE	95(T)	95(T)	95(T)	95(T)	95(T)
STATISTICAL TESTS					
POLY 3	P=0.005**	P=0.678	P=0.500	P=0.042*	P=0.061
POLY 1.5	P=0.005**	P=0.678	P=0.500	P=0.045*	P=0.064
POLY 6	P=0.005**	P=0.678	P=0.500	P=0.041*	P=0.061
COCH-ARM / FISHERS	P=0.134	P=0.686N	P=0.500	P=0.089	P=0.325
MAX-ISO-POLY-3	P=0.008**	P=1.000	P=0.327	P=0.018*	P=0.045*
HISTCONT SAME RTE					
HISTCONT ALL RTEs					
CURR VS HC SAME RTE					
CURR VS HC ALL RTEs					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Lung: Bronchiole					
Vacuolization Cytoplasmic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	4/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	40%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	23	3
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	P=0.500	P=0.033*
POLY 1.5	P=0.000**	(e)	(e)	P=0.500	P=0.033*
POLY 6	P=0.000**	(e)	(e)	P=0.500	P=0.033*
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.500	P=0.043*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.159	P=0.007**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Nose: Glands					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.01	1/7.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	14.3%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	10
STATISTICAL TESTS					
POLY 3	P=0.113	(e)	(e)	(e)	P=0.430
POLY 1.5	P=0.113	(e)	(e)	(e)	P=0.431
POLY 6	P=0.113	(e)	(e)	(e)	P=0.430
COCH-ARM / FISHERS	P=0.142	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.095	(e)	(e)	(e)	P=0.156
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Nose: Olfactory Epi Degeneration Hyaline					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.01	0/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Nose: Olfactory Epi Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.01	2/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	25%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	4
STATISTICAL TESTS					
POLY 3	P=0.013*	(e)	(e)	(e)	P=0.176
POLY 1.5	P=0.013*	(e)	(e)	(e)	P=0.176
POLY 6	P=0.013*	(e)	(e)	(e)	P=0.176
COCH-ARM / FISHERS	P=0.021*	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.014*	(e)	(e)	(e)	P=0.063
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Nose: Respirat Epith					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.01	2/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	25%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P=0.013*	(e)	(e)	(e)	P=0.176
POLY 1.5	P=0.013*	(e)	(e)	(e)	P=0.176
POLY 6	P=0.013*	(e)	(e)	(e)	P=0.176
COCH-ARM / FISHERS	P=0.021*	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.014*	(e)	(e)	(e)	P=0.063
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Nose: Respirat Epith					
Vacuolization Cytoplasmic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	4/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	40%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	23	3
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	P=0.500	P=0.033*
POLY 1.5	P=0.000**	(e)	(e)	P=0.500	P=0.033*
POLY 6	P=0.000**	(e)	(e)	P=0.500	P=0.033*
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.500	P=0.043*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.159	P=0.007**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Pancreas					
Infiltration Cellular Polymorphnuclr					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/8.01	1/7.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	14.3%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	10
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	P=0.430
POLY 1.5	(e)	(e)	(e)	(e)	P=0.431
POLY 6	(e)	(e)	(e)	(e)	P=0.430
COCH-ARM / FISHERS	P=0.270	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.156
HISTCONT SAME RTE					
HISTCONT ALL RTEs					
CURR VS HC SAME RTE					
CURR VS HC ALL RTEs					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Skin: Subcut Tiss					
Hemorrhage					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	1/10.00	0/6.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	23	---
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	P=0.500	(e)
POLY 1.5	(e)	(e)	(e)	P=0.500	(e)
POLY 6	(e)	(e)	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.159	(e)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Stomach, Glandular Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/9.01	2/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	25%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	4
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	P=0.176
POLY 1.5	(e)	(e)	(e)	(e)	P=0.176
POLY 6	(e)	(e)	(e)	(e)	P=0.176
COCH-ARM / FISHERS	P=0.089	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.063
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS**

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Testes: Germinal Epith Degeneration					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	1/1 (100%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	1/1.00	0/9.01	1/7.00
POLY-3 PERCENT (g)	0%	0%	100%	0%	14.3%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	1/1 (100%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	95(T)	---	10
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.091	(e)	P=0.430
POLY 1.5	(e)	(e)	P=0.091	(e)	P=0.431
POLY 6	(e)	(e)	P=0.091	(e)	P=0.430
COCH-ARM / FISHERS	P=0.488	(e)	P=0.091	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	P=0.000**	(e)	P=0.156
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Thymus					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/9.01	2/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	25%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	---	4
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	P=0.176
POLY 1.5	(e)	(e)	(e)	(e)	P=0.177
POLY 6	(e)	(e)	(e)	(e)	P=0.176
COCH-ARM / FISHERS	P=0.089	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.063
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Trachea					
Hyperplasia					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.01	2/7.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	28.6%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	1/6 (17%)
FIRST INCIDENCE	---	---	---	---	4
STATISTICAL TESTS					
POLY 3	P=0.012*	(e)	(e)	(e)	P=0.150
POLY 1.5	P=0.012*	(e)	(e)	(e)	P=0.151
POLY 6	P=0.012*	(e)	(e)	(e)	P=0.150
COCH-ARM / FISHERS	P=0.021*	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.013*	(e)	(e)	(e)	P=0.060
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Trachea					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	0/6.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	23	---
STATISTICAL TESTS					
POLY 3	P=0.362	(e)	(e)	P=0.500	(e)
POLY 1.5	P=0.365	(e)	(e)	P=0.500	(e)
POLY 6	P=0.362	(e)	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.640	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.481	(e)	(e)	P=0.159	(e)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 4 WEEKS

DOSE	MALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Trachea					
Vacuolization Cytoplasmic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	4/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	40%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/6 (0%)
FIRST INCIDENCE	---	---	---	23	3
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	P=0.500	P=0.033*
POLY 1.5	P=0.000**	(e)	(e)	P=0.500	P=0.033*
POLY 6	P=0.000**	(e)	(e)	P=0.500	P=0.033*
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.500	P=0.043*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.159	P=0.007**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Adrenal Cortex					
Inflammation Chronic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	2/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	40%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/5 (40%)
FIRST INCIDENCE	---	---	---	---	96(T)
STATISTICAL TESTS					
POLY 3	P=0.024*	(e)	(e)	(e)	P=0.101
POLY 1.5	P=0.023*	(e)	(e)	(e)	P=0.102
POLY 6	P=0.024*	(e)	(e)	(e)	P=0.101
COCH-ARM / FISHERS	P=0.021*	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.012*	(e)	(e)	(e)	P=0.053
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Adrenal Cortex					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	5/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	50%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.008**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.008**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.008**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.016*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P<0.001**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS**

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Gallbladder					
Infiltration Cellular Polymorphnuclr					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)	0/6 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/7.00	0/3.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)	0/3 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Gallbladder					
Vacuolization Cytoplasmic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)	0/6 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/7.00	0/3.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)	0/3 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Harderian Gland					
Hyperplasia					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS**

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Heart					
Inflammation					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Kidney					
Inflammation Chronic					
LESION RATES					
OVERALL(a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/5.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	96(T)	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.278N	P=0.500N	P=0.500N	P=0.500N	P=0.623N
POLY 1.5	P=0.277N	P=0.500N	P=0.500N	P=0.500N	P=0.622N
POLY 6	P=0.278N	P=0.500N	P=0.500N	P=0.500N	P=0.623N
COCH-ARM / FISHERS	P=0.360N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.374N	P=0.159N	P=0.159N	P=0.159N	P=0.309N
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Kidney: Renal Tubule Regeneration					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	2/10 (20%)	3/10 (30%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/10.00	2/10.00	3/10.00	3/5.00
POLY-3 PERCENT (g)	0%	0%	20%	30%	60%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	2/10 (20%)	3/10 (30%)	3/5 (60%)
FIRST INCIDENCE	---	---	96(T)	96(T)	96(T)
STATISTICAL TESTS					
POLY 3	P=0.002**	(e)	P=0.227	P=0.095	P=0.016*
POLY 1.5	P=0.002**	(e)	P=0.227	P=0.095	P=0.017*
POLY 6	P=0.002**	(e)	P=0.227	P=0.095	P=0.016*
COCH-ARM / FISHERS	P=0.028*	(e)	P=0.237	P=0.105	P=0.105
MAX-ISO-POLY-3	P=0.003**	(e)	P=0.067	P=0.025*	P=0.012*
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Larynx					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	16.7%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	5
STATISTICAL TESTS					
POLY 3	P=0.118	(e)	(e)	(e)	P=0.402
POLY 1.5	P=0.118	(e)	(e)	(e)	P=0.403
POLY 6	P=0.118	(e)	(e)	(e)	P=0.402
COCH-ARM / FISHERS	P=0.142	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.094	(e)	(e)	(e)	P=0.154
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Larynx					
Vacuolization Cytoplasmic					
LESION RATES					
OVERALL(a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00	1/6.00
POLY-3 PERCENT (g)	0%	10%	0%	0%	16.7%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	96(T)	---	---	5
STATISTICAL TESTS					
POLY 3	P=0.344	P=0.500	(e)	(e)	P=0.402
POLY 1.5	P=0.343	P=0.500	(e)	(e)	P=0.403
POLY 6	P=0.344	P=0.500	(e)	(e)	P=0.402
COCH-ARM / FISHERS	P=0.399	P=0.500	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.226	P=0.159	(e)	(e)	P=0.154
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS**

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Liver					
Eosinophilic Focus					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Liver					
Inflammation Chronic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	5/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/5 (100%)
FIRST INCIDENCE	---	---	---	---	96(T)
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.016*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Liver					
Mineralization					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	4/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	80%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/5 (80%)
FIRST INCIDENCE	---	---	---	---	96(T)
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	(e)	P<0.001**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P<0.001**
POLY 6	P=0.000**	(e)	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.043*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P<0.001**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Liver					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	5/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	50%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.008**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.008**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.008**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.016*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P<0.001**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Liver					
Tension Lipidosis					
LESION RATES					
OVERALL(a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/5.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	96(T)	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.278N	P=0.500N	P=0.500N	P=0.500N	P=0.623N
POLY 1.5	P=0.277N	P=0.500N	P=0.500N	P=0.500N	P=0.622N
POLY 6	P=0.278N	P=0.500N	P=0.500N	P=0.500N	P=0.623N
COCH-ARM / FISHERS	P=0.360N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.374N	P=0.159N	P=0.159N	P=0.159N	P=0.309N
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS**

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Liver					
Vacuolization Cytoplasmic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Liver: Hepatocyte Degeneration					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	5/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	50%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.008**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.008**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.008**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.016*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P<0.001**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Lung					
Hemorrhage					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	16.7%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	4
STATISTICAL TESTS					
POLY 3	P=0.118	(e)	(e)	(e)	P=0.402
POLY 1.5	P=0.117	(e)	(e)	(e)	P=0.403
POLY 6	P=0.118	(e)	(e)	(e)	P=0.402
COCH-ARM / FISHERS	P=0.142	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.094	(e)	(e)	(e)	P=0.154
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Lung					
Inflammation Acute					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Lung: Bronchiole					
Autolysis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS**

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Lung: Bronchiole Hyperplasia					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Lung: Bronchiole					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	5/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	50%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.008**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.008**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.008**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.016*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P<0.001**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Lung: Bronchiole Regeneration					
LESION RATES					
OVERALL(a)	1/10 (10%)	4/10 (40%)	5/10 (50%)	5/10 (50%)	3/10 (30%)
POLY-3 RATE (b)	1/10.00	4/10.00	5/10.00	5/10.00	3/5.00
POLY-3 PERCENT (g)	10%	40%	50%	50%	60%
TERMINAL (d)	1/10 (10%)	4/10 (40%)	5/10 (50%)	5/10 (50%)	3/5 (60%)
FIRST INCIDENCE	96(T)	96(T)	96(T)	96(T)	96(T)
STATISTICAL TESTS					
POLY 3	P=0.052	P=0.148	P=0.061	P=0.061	P=0.087
POLY 1.5	P=0.053	P=0.148	P=0.061	P=0.061	P=0.088
POLY 6	P=0.052	P=0.148	P=0.061	P=0.061	P=0.087
COCH-ARM / FISHERS	P=0.417	P=0.152	P=0.070	P=0.070	P=0.291
MAX-ISO-POLY-3	P=0.088	P=0.059	P=0.020*	P=0.020*	P=0.062
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Lung: Bronchiole					
Vacuolization Cytoplasmic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	5/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	50%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.008**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.008**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.008**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.016*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P<0.001**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Nose: Glands					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS**

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Nose: Olfactory Epi Degeneration Hyaline					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/5 (20%)
FIRST INCIDENCE	---	---	---	---	96(T)
STATISTICAL TESTS					
POLY 3	P=0.150	(e)	(e)	(e)	P=0.372
POLY 1.5	P=0.148	(e)	(e)	(e)	P=0.373
POLY 6	P=0.150	(e)	(e)	(e)	P=0.372
COCH-ARM / FISHERS	P=0.142	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.093	(e)	(e)	(e)	P=0.152
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS**

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Nose: Olfactory Epi Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Nose: Respirat Epith					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	5/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	50%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.008**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.008**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.008**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.016*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P<0.001**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Nose: Respirat Epith					
Vacuolization Cytoplasmic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	5/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	50%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.008**
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.008**
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.008**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.016*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P<0.001**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Pancreas					
Infiltration Cellular Polymorphnuclr					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS**

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Skin: Subcut Tiss					
Hemorrhage					
LESION RATES					
OVERALL(a)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.00	0/0.00	0/0.00	0/10.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS**

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Stomach, Glandular					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Thymus					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	1/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	16.7%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	5
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	P=0.402
POLY 1.5	(e)	(e)	(e)	(e)	P=0.403
POLY 6	(e)	(e)	(e)	(e)	P=0.402
COCH-ARM / FISHERS	P=0.267	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.154
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS**

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Trachea					
Hyperplasia					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.00	0/5.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Trachea					
Necrosis					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.00	2/7.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	28.6%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	4
STATISTICAL TESTS					
POLY 3	P=0.013*	(e)	(e)	(e)	P=0.150
POLY 1.5	P=0.013*	(e)	(e)	(e)	P=0.151
POLY 6	P=0.013*	(e)	(e)	(e)	P=0.150
COCH-ARM / FISHERS	P=0.021*	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.014*	(e)	(e)	(e)	P=0.060
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
LAST REMOVAL AT 1 WEEKS

DOSE	FEMALE				
	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM
Trachea					
Vacuolization Cytoplasmic					
LESION RATES					
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.00	4/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	44.4%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.022*
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.022*
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.022*
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.043*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P=0.006**
HISTCONT SAME RTE					
HISTCONT ALL RTES					
CURR VS HC SAME RTE					
CURR VS HC ALL RTES					

Experiment Number: 20011-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:06:33

First Dose M/F: NA / NA

Lab: BNW

LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
 - (b) Number of tumor-bearing animals/Poly-3 number
 - (d) Observed incidence at terminal kill.
 - (e) Value of statistic cannot be computed.
 - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (n) No statistics are calculated if all dose groups have fewer than two tumors.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

**** END OF REPORT ****