

**Experiment Number:** 20011-02  
**Test Type:** 14-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 01:56:16  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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



**Experiment Number:** 20011-02

**Test Type:** 14-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 01:56:16

**First Dose M/F:** NA / NA

**Lab:** BNW

**Male MOUSE  
FIRST TERMINAL SACRIFICE AT 18 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)**

---

**DOSE = 1000 PPM**

TOTAL 5

UNCENSORED DEATHS 1

CENSORED DEATHS 0

TERMINAL 4

**UNCENSORED DEATH DAYS**

3

**CENSORED DEATH DAYS**

none

---

**DOSE = 2000 PPM**

TOTAL 5

UNCENSORED DEATHS 5

CENSORED DEATHS 0

TERMINAL 0

**UNCENSORED DEATH DAYS**

2        2        2

2        3

**CENSORED DEATH DAYS**

none

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Experiment Number: 20011-02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/21/2014

Time Report Requested: 01:56:16

First Dose M/F: NA / NA

Lab: BNW

Male MOUSE  
FIRST TERMINAL SACRIFICE AT 18 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	2	4	6	8	10	12	14	16	18(A)	18(A)
CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
125 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
250 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500 PPM	100.0	40.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
1000 PPM	100.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
2000 PPM	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Experiment Number: 20011-02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/21/2014

Time Report Requested: 01:56:16

First Dose M/F: NA / NA

Lab: BNW

**Male MOUSE  
FIRST TERMINAL SACRIFICE AT 18 DAYS**

**SURVIVAL SUMMARY STATISTICS**

DOSE	CONTROL	125 PPM	250 PPM	500 PPM
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	100.0%	20.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=0.000	-----	-----	P=0.053
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	.	.	.	4.3
	(.)	(.)	(.)	(0.3)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	18.0	18.0	18.0	7.0
	(0.0)	(0.0)	(0.0)	(2.8)

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

**Experiment Number:** 20011-02

**Test Type:** 14-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 01:56:16

**First Dose M/F:** NA / NA

**Lab:** BNW

**Male MOUSE  
FIRST TERMINAL SACRIFICE AT 18 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>1000 PPM</b>	<b>2000 PPM</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	80.0%	0.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=1.000	P=0.009
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	3.0 (.)	2.2 (0.2)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	15.0 (3.0)	2.2 (0.2)

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)



**Experiment Number:** 20011-02

**Test Type:** 14-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 01:56:16

**First Dose M/F:** NA / NA

**Lab:** BNW

**Female MOUSE  
FIRST TERMINAL SACRIFICE AT 18 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)**

---

**DOSE = 1000 PPM**

TOTAL 5

UNCENSORED DEATHS 1

CENSORED DEATHS 0

TERMINAL 4

**UNCENSORED DEATH DAYS**

5

**CENSORED DEATH DAYS**

none

---

**DOSE = 2000 PPM**

TOTAL 5

UNCENSORED DEATHS 2

CENSORED DEATHS 0

TERMINAL 3

**UNCENSORED DEATH DAYS**

3            3

**CENSORED DEATH DAYS**

none

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Experiment Number: 20011-02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/21/2014

Time Report Requested: 01:56:16

First Dose M/F: NA / NA

Lab: BNW

**Female MOUSE  
FIRST TERMINAL SACRIFICE AT 18 DAYS**

**KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)**

DOSE	TIME (DAYS)									
	2	4	6	8	10	12	14	16	18(A)	18(A)
<b>CONTROL</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>125 PPM</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>250 PPM</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>500 PPM</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>1000 PPM</b>	100.0	100.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
<b>2000 PPM</b>	100.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Experiment Number: 20011-02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/21/2014

Time Report Requested: 01:56:16

First Dose M/F: NA / NA

Lab: BNW

Female MOUSE  
FIRST TERMINAL SACRIFICE AT 18 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	CONTROL	125 PPM	250 PPM	500 PPM
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=0.018	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	.	.	.	.
	(.)	(.)	(.)	(.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	18.0	18.0	18.0	18.0
	(0.0)	(0.0)	(0.0)	(0.0)

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

**Experiment Number:** 20011-02

**Test Type:** 14-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 01:56:16

**First Dose M/F:** NA / NA

**Lab:** BNW

**Female MOUSE  
FIRST TERMINAL SACRIFICE AT 18 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>1000 PPM</b>	<b>2000 PPM</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	80.0%	60.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=1.000	P=0.453
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	5.0 (.)	3.0 (.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	15.4 (2.6)	12.0 (3.7)

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

**Experiment Number:** 20011-02

**Test Type:** 14-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 01:56:16

**First Dose M/F:** NA / NA

**Lab:** BNW

**\*\* END OF REPORT \*\***

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)