

**Experiment Number:** 88004-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** Divinylbenzene  
**CAS Number:** 1321-74-0

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 23:37:49  
**First Dose M/F:** NA / NA  
**Lab:** BNW

<b>C Number:</b>	C88004B
<b>Lock Date:</b>	02/03/1999
<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

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First Dose M/F: NA / NA

Lab: BNW

Male MOUSE  
FIRST TERMINAL SACRIFICE AT 95 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

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**DOSE = CONTROL**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 12.5 PPM**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 25 PPM**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 50 PPM**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**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)

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**Male MOUSE**  
**FIRST TERMINAL SACRIFICE AT 95 DAYS**  
**INDIVIDUAL SURVIVAL TIMES (DAYS)**

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<b>DOSE = 100 PPM</b>										
TOTAL 10			UNCENSORED DEATHS 0			CENSORED DEATHS 0			TERMINAL 10	
<b>UNCENSORED DEATH DAYS</b>										
none										
<b>CENSORED DEATH DAYS</b>										
none										

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<b>DOSE = 200 PPM</b>										
TOTAL 10			UNCENSORED DEATHS 10			CENSORED DEATHS 0			TERMINAL 0	
<b>UNCENSORED DEATH DAYS</b>										
2	2	3	3	3	3	4	4	5	5	
<b>CENSORED DEATH DAYS</b>										
none										

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- (C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE
- (D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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Lab: BNW

Male MOUSE  
FIRST TERMINAL SACRIFICE AT 95 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	95(A)
CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12.5 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200 PPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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

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 First Dose M/F: NA / NA  
 Lab: BNW

Male MOUSE  
 FIRST TERMINAL SACRIFICE AT 95 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	CONTROL	12.5 PPM	25 PPM	50 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=0.000	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	.	.	.	.
	(.)	(.)	(.)	(.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	95.0	95.0	95.0	95.0
	(0.0)	(0.0)	(0.0)	(0.0)

(A) FIRST TERMINAL SACRIFICE

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

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

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**Species/Strain:** Mouse/B6C3F1

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**Test Compound:** Divinylbenzene  
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**First Dose M/F:** NA / NA  
**Lab:** BNW

**Male MOUSE**  
**FIRST TERMINAL SACRIFICE AT 95 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>100 PPM</b>	<b>200 PPM</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	0.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	P=0.000
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	.	3.4 (0.3)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	95.0 (0.0)	3.4 (0.3)

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Experiment Number: 88004-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

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Time Report Requested: 23:37:49

First Dose M/F: NA / NA

Lab: BNW

Female MOUSE  
FIRST TERMINAL SACRIFICE AT 95 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

---

**DOSE = CONTROL**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 12.5 PPM**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

---

**DOSE = 25 PPM**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 50 PPM**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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

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Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

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Test Compound: Divinylbenzene

CAS Number: 1321-74-0

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First Dose M/F: NA / NA

Lab: BNW

Female MOUSE  
FIRST TERMINAL SACRIFICE AT 95 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

---

**DOSE = 100 PPM**

TOTAL 10

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 200 PPM**

TOTAL 10

UNCENSORED DEATHS 9

CENSORED DEATHS 0

TERMINAL 1

**UNCENSORED DEATH DAYS**

4      4      4

5      5      14      14      17      18

**CENSORED DEATH DAYS**

none

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Lab: BNW

Female MOUSE  
FIRST TERMINAL SACRIFICE AT 95 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	95(A)
CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12.5 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200 PPM	50.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

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**Lab:** BNW

**Female MOUSE**  
**FIRST TERMINAL SACRIFICE AT 95 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>CONTROL</b>	<b>12.5 PPM</b>	<b>25 PPM</b>	<b>50 PPM</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=0.000	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	.	.	.	.
	(.)	(.)	(.)	(.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	95.0	95.0	95.0	95.0
	(0.0)	(0.0)	(0.0)	(0.0)

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**Lab:** BNW

**Female MOUSE**  
**FIRST TERMINAL SACRIFICE AT 95 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>100 PPM</b>	<b>200 PPM</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	10.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	P=0.000
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	.	9.4 (2.0)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	95.0 (0.0)	18.0 (8.7)

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**Lab:** BNW

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

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