

**Experiment Number:** 20313 - 02  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
Acrylamide  
**CAS Number:** 79-06-1

**Date Report Requested:** 09/21/2016  
**Time Report Requested:** 11:18:09  
**First Dose M/F:** 07/12/04 / 07/12/04  
**Lab:** NCTR

**NTP Study Number:** C20313  
**Lock Date:** 03/06/2013  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

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**MALE MICE**

FIRST TERMINAL SACRIFICE AT 99 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

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**DOSE = Control**

TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

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**DOSE = 10 ug/ml**

TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

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**DOSE = 25 ug/ml**

TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

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**DOSE = 50 ug/ml**

TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

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**MALE MICE**

FIRST TERMINAL SACRIFICE AT 99 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

---

**DOSE = 100 ug/ml**

TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

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**DOSE = 250 ug/ml**

TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

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**MALE MICE**  
FIRST TERMINAL SACRIFICE AT 99 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	99(A)
Control	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10 ug/ml	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25 ug/ml	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50 ug/ml	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100 ug/ml	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
250 ug/ml	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(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: 20313 - 02  
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 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

**MALE MICE**

FIRST TERMINAL SACRIFICE AT 99 DAYS

SURVIVAL SUMMARY STATISTICS				
DOSE	Control	10 ug/ml	25 ug/ml	50 ug/ml
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	----	----	----	----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	(.)	(.)	(.)	(.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	99.0 (0.0)	99.0 (0.0)	99.0 (0.0)	99.0 (0.0)

  

DOSE	100 ug/ml	250 ug/ml
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	----	----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	(.)	(.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	99.0 (0.0)	99.0 (0.0)

(A) FIRST TERMINAL SACRIFICE  
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First Dose M/F: 07/12/04 / 07/12/04  
Lab: NCTR

**FEMALE MICE**

FIRST TERMINAL SACRIFICE AT 100 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

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**DOSE = Control**

TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

---

**DOSE = 10 ug/ml**

TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

---

**DOSE = 25 ug/ml**

TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

---

**DOSE = 50 ug/ml**

TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

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FIRST TERMINAL SACRIFICE AT 100 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

---

**DOSE = 100 ug/ml**

TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

---

**DOSE = 250 ug/ml**

TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

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FIRST TERMINAL SACRIFICE AT 100 DAYS

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DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	100(A)
Control	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10 ug/ml	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25 ug/ml	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50 ug/ml	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100 ug/ml	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
250 ug/ml	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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FIRST TERMINAL SACRIFICE AT 100 DAYS

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DOSE	Control	10 ug/ml	25 ug/ml	50 ug/ml
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	----	----	----	----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	(.)	(.)	(.)	(.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)	100.0 (0.0)

  

DOSE	100 ug/ml	250 ug/ml
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	----	----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	(.)	(.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	100.0 (0.0)	100.0 (0.0)

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

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