

**Experiment Number:** 20313 - 04  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** MICE/B6C3F1/NCTR

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

**Date Report Requested:** 09/20/2016  
**Time Report Requested:** 15:03:10  
**First Dose M/F:** 08/02/04 / 08/02/04  
**Lab:** NCTR

**NTP Study Number:** C20313B  
**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

Experiment Number: 20313 - 04  
Test Type: 90-DAY  
Route: DOSED FEED  
Species/Strain: MICE/B6C3F1/NCTR

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

Date Report Requested: 09/20/2016  
Time Report Requested: 15:03:10  
First Dose M/F: 08/02/04 / 08/02/04  
Lab: NCTR

**MALE MICE**

FIRST TERMINAL SACRIFICE AT 106 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

---

**DOSE = Control Feed M**

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

---

**DOSE = 18.5 PPM Acryl M**

TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 1	TERMINAL 7
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
19			

---

**DOSE = 37 PPM Acryl M**

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

---

**DOSE = 74 PPM AcryL M**

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

Experiment Number: 20313 - 04  
Test Type: 90-DAY  
Route: DOSED FEED  
Species/Strain: MICE/B6C3F1/NCTR

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

Date Report Requested: 09/20/2016  
Time Report Requested: 15:03:10  
First Dose M/F: 08/02/04 / 08/02/04  
Lab: NCTR

**MALE MICE**

FIRST TERMINAL SACRIFICE AT **106** DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

---

**DOSE = 185 PPM Acryl M**

TOTAL 8	UNCENSORED DEATHS 1	CENSORED DEATHS 0	TERMINAL 7
UNCENSORED DEATH DAYS 21			
CENSORED DEATH DAYS None			

---

**DOSE = 370 PPM Acryl M**

TOTAL 8	UNCENSORED DEATHS 1	CENSORED DEATHS 0	TERMINAL 7
UNCENSORED DEATH DAYS 62			
CENSORED DEATH DAYS None			

Experiment Number: 20313 - 04  
 Test Type: 90-DAY  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/NCTR

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

Date Report Requested: 09/20/2016  
 Time Report Requested: 15:03:10  
 First Dose M/F: 08/02/04 / 08/02/04  
 Lab: NCTR

**MALE MICE**

FIRST TERMINAL SACRIFICE AT 106 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)											
DOSE	TIME (DAYS)										
	11	22	33	44	55	66	77	88	99	106(A)	
Control Feed M	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
18.5 PPM Acryl M	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
37 PPM Acryl M	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
74 PPM AcryL M	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
185 PPM Acryl M	100.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
370 PPM Acryl M	100.0	100.0	100.0	100.0	100.0	87.5	87.5	87.5	87.5	87.5	87.5

(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 - 04  
 Test Type: 90-DAY  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/NCTR

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

Date Report Requested: 09/20/2016  
 Time Report Requested: 15:03:10  
 First Dose M/F: 08/02/04 / 08/02/04  
 Lab: NCTR

**MALE MICE**

FIRST TERMINAL SACRIFICE AT 106 DAYS

**SURVIVAL SUMMARY STATISTICS**

DOSE	Control Feed M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM AcryL M
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=0.209	----	----	----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	(.)	(.)	(.)	(.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	106.0 (0.0)	95.1 (10.9)	106.0 (0.0)	106.0 (0.0)

DOSE	185 PPM Acryl M	370 PPM Acryl M
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	87.5%	87.5%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=1.000	P=1.000
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	21.0 (.)	62.0 (.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	95.4 (10.6)	100.5 (5.5)

- (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 - 04  
Test Type: 90-DAY  
Route: DOSED FEED  
Species/Strain: MICE/B6C3F1/NCTR

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

Date Report Requested: 09/20/2016  
Time Report Requested: 15:03:10  
First Dose M/F: 08/02/04 / 08/02/04  
Lab: NCTR

**FEMALE MICE**

FIRST TERMINAL SACRIFICE AT 107 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

---

**DOSE = Control Feed F**

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

---

**DOSE = 18.5 PPM Acryl F**

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

---

**DOSE = 37 PPM Acryl F**

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

---

**DOSE = 74 PPM Acryl F**

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

Experiment Number: 20313 - 04  
Test Type: 90-DAY  
Route: DOSED FEED  
Species/Strain: MICE/B6C3F1/NCTR

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

Date Report Requested: 09/20/2016  
Time Report Requested: 15:03:10  
First Dose M/F: 08/02/04 / 08/02/04  
Lab: NCTR

**FEMALE MICE**

FIRST TERMINAL SACRIFICE AT 107 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

---

**DOSE = 185 PPM Acryl F**

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

---

**DOSE = 370 PPM Acryl F**

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

Experiment Number: 20313 - 04  
Test Type: 90-DAY  
Route: DOSED FEED  
Species/Strain: MICE/B6C3F1/NCTR

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

Date Report Requested: 09/20/2016  
Time Report Requested: 15:03:10  
First Dose M/F: 08/02/04 / 08/02/04  
Lab: NCTR

FEMALE MICE  
FIRST TERMINAL SACRIFICE AT 107 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	11	22	33	44	55	66	77	88	99	107(A)
Control Feed F	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
18.5 PPM Acryl F	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
37 PPM Acryl F	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
74 PPM Acryl F	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
185 PPM Acryl F	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
370 PPM Acryl F	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 - 04  
 Test Type: 90-DAY  
 Route: DOSED FEED  
 Species/Strain: MICE/B6C3F1/NCTR

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

Date Report Requested: 09/20/2016  
 Time Report Requested: 15:03:10  
 First Dose M/F: 08/02/04 / 08/02/04  
 Lab: NCTR

**FEMALE MICE**

FIRST TERMINAL SACRIFICE AT 107 DAYS

**SURVIVAL SUMMARY STATISTICS**

DOSE	Control Feed F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F
<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)	107.0 (0.0)	107.0 (0.0)	107.0 (0.0)	107.0 (0.0)

DOSE	185 PPM Acryl F	370 PPM Acryl F
<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)	107.0 (0.0)	107.0 (0.0)

\*\*\* 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)