

Experiment Number: 20313-03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/F 344/NCTR

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Acrylamide
CAS Number: 79-06-1

Date Report Requested: 10/23/2014
Time Report Requested: 09:15:31
First Dose M/F: NA / NA
Lab: NCTR

C Number:	C20313B
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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Lab: NCTR

Male RAT
FIRST TERMINAL SACRIFICE AT 101 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			
<hr/>			
DOSE = 7.4 PPM Acryl M			
TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 18.5 PPM Acryl M			
TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 37 PPM Acryl M			
TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
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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Lab: NCTR

Male RAT
FIRST TERMINAL SACRIFICE AT 101 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 74 PPM Acryl M			
TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 185 PPM Acryl M			
TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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

Male RAT
FIRST TERMINAL SACRIFICE AT 101 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	11	22	33	44	55	66	77	88	99	101(A)
Control Feed M	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7.4 PPM Acryl M	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
37 PPM Acryl M	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
185 PPM Acryl M	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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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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Test Compound: Acrylamide
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Time Report Requested: 09:15:31
First Dose M/F: NA / NA
Lab: NCTR

Male RAT
FIRST TERMINAL SACRIFICE AT 101 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	101.0 (0.0)	101.0 (0.0)	101.0 (0.0)	101.0 (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

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Test Compound: Acrylamide
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Date Report Requested: 10/23/2014
Time Report Requested: 09:15:31
First Dose M/F: NA / NA
Lab: NCTR

Male RAT
FIRST TERMINAL SACRIFICE AT 101 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	74 PPM Acryl M	185 PPM Acryl M
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	101.0 (0.0)	101.0 (0.0)

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Date Report Requested: 10/23/2014
Time Report Requested: 09:15:31
First Dose M/F: NA / NA
Lab: NCTR

Female RAT
FIRST TERMINAL SACRIFICE AT 102 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			
<hr/>			
DOSE = 7.4 PPM Acryl F			
TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 18.5 PPM Acryl F			
TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 37 PPM Acryl F			
TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/F 344/NCTR

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Test Compound: Acrylamide
CAS Number: 79-06-1

Date Report Requested: 10/23/2014
Time Report Requested: 09:15:31
First Dose M/F: NA / NA
Lab: NCTR

Female RAT
FIRST TERMINAL SACRIFICE AT 102 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 74 PPM Acryl F			
TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 185 PPM Acryl F			
TOTAL 8	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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

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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

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DOSE	Control Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F
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SURVIVAL SUMMARY STATISTICS

DOSE	74 PPM Acryl F	185 PPM Acryl F
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	102.0 (0.0)	102.0 (0.0)

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