

Experiment Number: 20313 - 01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: RATS/F 344/NCTR

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

Date Report Requested: 09/21/2016
Time Report Requested: 15:04:22
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 RATS

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

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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MALE RATS

FIRST TERMINAL SACRIFICE AT 101 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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MALE RATS

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	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)

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 Lab: NCTR

MALE RATS

FIRST TERMINAL SACRIFICE AT 101 DAYS

SURVIVAL SUMMARY STATISTICS				
DOSE	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML
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)

DOSE	100 UG/ML	250 UG/ML
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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Lab: NCTR

FEMALE RATS

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

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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Lab: NCTR

FEMALE RATS

FIRST TERMINAL SACRIFICE AT 102 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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DOSE	TIME (DAYS)									
	11	22	33	44	55	66	77	88	99	102(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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FEMALE RATS

FIRST TERMINAL SACRIFICE AT 102 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	CONTROL	10 UG/ML	25 UG/ML	50 UG/ML
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)	102.0 (0.0)	102.0 (0.0)	102.0 (0.0)	102.0 (0.0)

DOSE	100 UG/ML	250 UG/ML
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)

*** END OF REPORT ***

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