

Experiment Number: 88036-99
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Anthraquinone
CAS Number: 84-65-1

Date Report Requested: 10/22/2014
Time Report Requested: 19:19:12
First Dose M/F: NA / NA
Lab: BAT

C Number:	C88036
Lock Date:	03/29/1999
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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Male RAT
FIRST TERMINAL SACRIFICE AT 32 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 PPM									
TOTAL 20		UNCENSORED DEATHS 0			CENSORED DEATHS 10			TERMINAL 10	
UNCENSORED DEATH DAYS									
none									
CENSORED DEATH DAYS									
8	8	8	8	8	8	8	8	8	8
DOSE = 469 PPM									
TOTAL 20		UNCENSORED DEATHS 0			CENSORED DEATHS 10			TERMINAL 10	
UNCENSORED DEATH DAYS									
none									
CENSORED DEATH DAYS									
8	8	8	8	8	8	8	8	8	8
DOSE = 938 PPM									
TOTAL 20		UNCENSORED DEATHS 0			CENSORED DEATHS 10			TERMINAL 10	
UNCENSORED DEATH DAYS									
none									
CENSORED DEATH DAYS									
8	8	8	8	8	8	8	8	8	8
DOSE = 3750 PPM									
TOTAL 20		UNCENSORED DEATHS 0			CENSORED DEATHS 10			TERMINAL 10	
UNCENSORED DEATH DAYS									
none									
CENSORED DEATH DAYS									
8	8	8	8	8	8	8	8	8	8

(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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FIRST TERMINAL SACRIFICE AT 32 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	4	8	12	16	20	24	28	32(A)	36	32(A)
0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
469 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
938 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3750 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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Male RAT
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SURVIVAL SUMMARY STATISTICS

DOSE	0 PPM	469 PPM	938 PPM	3750 PPM
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)	20.0 (2.8)	20.0 (2.8)	20.0 (2.8)	20.0 (2.8)

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