

Experiment Number: 55301-03
Test Type: 90-DAY
Species/Strain: Rat/WISTAR OUTBR

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/21/2014
Time Report Requested: 15:44:38
First Dose M/F: NA / NA
Lab: TSI MASON

C Number:	C55301B
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male
PWG Approval Date	NONE

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Male RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 50 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 100 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 250 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
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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INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 500 PPM

TOTAL 10 UNCENSORED DEATHS 1 CENSORED DEATHS 0 TERMINAL 9

UNCENSORED DEATH DAYS

6

CENSORED DEATH DAYS

none

DOSE = 1000 PPM

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	92(A)
0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
250 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500 PPM	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1000 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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SURVIVAL SUMMARY STATISTICS

DOSE	0 PPM	50 PPM	100 PPM	250 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=1.000	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)
	(.)	(.)	(.)	(.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	92.0	92.0	92.0	92.0
	(0.0)	(0.0)	(0.0)	(0.0)

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FIRST TERMINAL SACRIFICE AT 92 DAYS**

SURVIVAL SUMMARY STATISTICS

DOSE	500 PPM	1000 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	90.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=1.000	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	6.0 (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	83.4 (8.6)	92.0 (0.0)

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