

Experiment Number: 89002-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Pentachlorophenol, purified
CAS Number: 87-86-5

Date Report Requested: 10/16/2014
Time Report Requested: 23:21:37
First Dose M/F: NA / NA
Lab: BAT

C Number:	C89002
Lock Date:	07/13/1995
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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First Dose M/F: NA / NA

Lab: BAT

Male RAT
FIRST TERMINAL SACRIFICE AT 29 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			
<hr/>			
DOSE = 200 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 400 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 800 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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Lab: BAT

Male RAT
FIRST TERMINAL SACRIFICE AT 29 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 1600 PPM

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 3200 PPM

TOTAL 10 UNCENSORED DEATHS 1 CENSORED DEATHS 0 TERMINAL 9

UNCENSORED DEATH DAYS

17

CENSORED DEATH DAYS

none

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Lab: BAT

Male RAT
FIRST TERMINAL SACRIFICE AT 29 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	3	6	9	12	15	18	21	24	27	29(A)
0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1600 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3200 PPM	100.0	100.0	100.0	100.0	100.0	90.0	90.0	90.0	90.0	90.0

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

Male RAT
 FIRST TERMINAL SACRIFICE AT 29 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 PPM	200 PPM	400 PPM	800 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.213	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)
	(.)	(.)	(.)	(.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	29.0	29.0	29.0	29.0
	(0.0)	(0.0)	(0.0)	(0.0)

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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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Route: DOSED FEED
Species/Strain: Rat/F 344/N

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

Male RAT
FIRST TERMINAL SACRIFICE AT 29 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	1600 PPM	3200 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	90.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	P=1.000
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	17.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	29.0 (0.0)	27.8 (1.2)

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Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

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Test Compound: Pentachlorophenol, purified

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Date Report Requested: 10/16/2014

Time Report Requested: 23:21:37

First Dose M/F: NA / NA

Lab: BAT

Female RAT
FIRST TERMINAL SACRIFICE AT 29 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 = 200 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 400 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 800 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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Route: DOSED FEED
Species/Strain: Rat/F 344/N

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

Female RAT
FIRST TERMINAL SACRIFICE AT 29 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 1600 PPM

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 3200 PPM

TOTAL 10 UNCENSORED DEATHS 2 CENSORED DEATHS 0 TERMINAL 8

UNCENSORED DEATH DAYS

7 16

CENSORED DEATH DAYS

none

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	3	6	9	12	15	18	21	24	27	29(A)
0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1600 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3200 PPM	100.0	100.0	90.0	90.0	90.0	80.0	80.0	80.0	80.0	80.0

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Lab: BAT

Female RAT
 FIRST TERMINAL SACRIFICE AT 29 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 PPM	200 PPM	400 PPM	800 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.020	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	29.0 (0.0)	29.0 (0.0)	29.0 (0.0)	29.0 (0.0)

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

Female RAT
FIRST TERMINAL SACRIFICE AT 29 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	1600 PPM	3200 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	80.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	P=0.456
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	11.5 (4.5)
MEAN LIFE SPAN (D) (STANDARD ERROR)	29.0 (0.0)	25.5 (2.4)

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(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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First Dose M/F: NA / NA

Lab: BAT

**** END OF REPORT ****

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