

Experiment Number: 93011-01

Test Type: 14-DAY

Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: p-tert-Butylcatechol

CAS Number: 98-29-3

Date Report Requested: 10/21/2014

Time Report Requested: 09:54:26

First Dose M/F: NA / NA

Lab: MBA

C Number:	C93011
Lock Date:	08/21/1995
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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Lab: MBA

Male RAT
FIRST TERMINAL SACRIFICE AT 15 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 PPM			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 3125 PPM			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 6250 PPM			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 12500 PPM			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
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: MBA

Male RAT
FIRST TERMINAL SACRIFICE AT 15 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 25000 PPM

TOTAL 5

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 50000 PPM

TOTAL 5

UNCENSORED DEATHS 5

CENSORED DEATHS 0

TERMINAL 0

UNCENSORED DEATH DAYS

8 8 8

8 8

CENSORED DEATH DAYS

none

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First Dose M/F: NA / NA

Lab: MBA

Male RAT
FIRST TERMINAL SACRIFICE AT 15 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	2	4	6	8	10	12	14	16	18	15(A)
0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3125 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6250 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12500 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25000 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50000 PPM	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

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First Dose M/F: NA / NA

Lab: MBA

Male RAT
FIRST TERMINAL SACRIFICE AT 15 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 PPM	3125 PPM	6250 PPM	12500 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.000	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	15.0 (0.0)	15.0 (0.0)	15.0 (0.0)	15.0 (0.0)

(A) FIRST TERMINAL SACRIFICE

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First Dose M/F: NA / NA

Lab: MBA

Male RAT
FIRST TERMINAL SACRIFICE AT 15 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	25000 PPM	50000 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	P=0.016
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	8.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	15.0 (0.0)	8.0 (0.0)

(A) FIRST TERMINAL SACRIFICE

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First Dose M/F: NA / NA

Lab: MBA

Female RAT
FIRST TERMINAL SACRIFICE AT 15 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 PPM			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 3125 PPM			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 6250 PPM			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 12500 PPM			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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First Dose M/F: NA / NA

Lab: MBA

Female RAT
FIRST TERMINAL SACRIFICE AT 15 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 25000 PPM

TOTAL 5

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 50000 PPM

TOTAL 5

UNCENSORED DEATHS 5

CENSORED DEATHS 0

TERMINAL 0

UNCENSORED DEATH DAYS

8 8 8

8 8

CENSORED DEATH DAYS

none

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25000 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50000 PPM	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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