

TDMS No. 05174-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
CRESOLS
CAS Number: 1319-77-3
Pathologist: BOYCE, J. - RYAN, M. - JOKINEN, M.
F1_R2Males

Date Report Reqsted: 04/10/2006
Time Report Reqsted: 7:50:45
First Dose M/F: 08/05/02 / NA
Lab: BAT

C Number: C62260B

Lock Date: 02/09/2005

Cage Range: 1 - 9999

Date Range: 1-JAN-1940 to 17-SEP-2040

Reasons For Removal: ALL

Removal Date Range: JAN /1 /1940 - SEP /17 /2040

Treatment Groups: Include 1 0 PPM

Include 2 1500 PPM

Include 3 5000 PPM

Include 4 15000 PPM

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MALE RATS
 FIRST TERMINAL SACRIFICE AT 729 DAYS
 INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 PPM

TOTAL 50	UNCENSORED DEATHS 17	CENSORED DEATHS 0	TERMINAL 33
UNCENSORED DEATHS			
449 548 598	606 653 659 665 667 674 677 685 688 690 696		
702 719 725			
CENSORED DEATHS			
None			

DOSE = 1500 PPM

TOTAL 50	UNCENSORED DEATHS 16	CENSORED DEATHS 0	TERMINAL 34
UNCENSORED DEATHS			
253 528 579	618 639 639 645 648 653 655 667 674 697 701		
701 725			
CENSORED DEATHS			
None			

DOSE = 5000 PPM

TOTAL 50	UNCENSORED DEATHS 17	CENSORED DEATHS 0	TERMINAL 33
UNCENSORED DEATHS			
19 60 534	534 569 586 599 610 630 631 639 655 662 685		
690 699 702			
CENSORED DEATHS			
None			

DOSE = 15000 PPM

TOTAL 50	UNCENSORED DEATHS 19	CENSORED DEATHS 0	TERMINAL 31
UNCENSORED DEATHS			

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INDIVIDUAL SURVIVAL TIMES (DAYS)

299	396	422	576	586	589	590	613	625	639	667	667	680	683
688	688	724	725	725									

CENSORED DEATHS
None

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	90	180	270	365	425	485	545	605	665	729(A)
0 PPM	100.0	100.0	100.0	100.0	100.0	98.0	98.0	94.0	86.0	66.0
1500 PPM	100.0	100.0	98.0	98.0	98.0	98.0	96.0	94.0	80.0	68.0
5000 PPM	96.0	96.0	96.0	96.0	96.0	96.0	92.0	86.0	74.0	66.0
15000 PPM	100.0	100.0	100.0	98.0	94.0	94.0	94.0	86.0	80.0	62.0

(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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SURVIVAL SUMMARY STATISTICS				
DOSE	0 PPM	1500 PPM	5000 PPM	15000 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	66.0%	68.0%	66.0%	62.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.560	P=1.000N	P=0.950	P=0.710
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	653.0 (16.8)	626.4 (27.7)	559.1 (49.1)	609.6 (27.0)
MEAN LIFE SPAN (D) (STANDARD ERROR)	703.2 (7.6)	696.2 (11.0)	671.2 (20.0)	683.6 (13.1)

*** END OF REPORT ***

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