

TDMS No. 97008-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
PROPARGYL ALCOHOL
CAS Number: 107-19-7

Date Report Reqsted: 07/11/2006
Time Report Reqsted: 13:08:05
First Dose M/F: 09/17/01 / 09/17/01
Lab: BNW

F1_M3

C Number:	C97008		
Lock Date:	08/16/2004		
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 CONTROL	Include 2 CONTROL	Include 3 8 PPM
	Include 4 8 PPM	Include 5 16 PPM	Include 6 16 PPM
	Include 7 32 PPM	Include 8 32 PPM	

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MALE MICE

FIRST TERMINAL SACRIFICE AT 729 DAYS

INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = CONTROL

TOTAL 50	UNCENSORED DEATHS 13	CENSORED DEATHS 0	TERMINAL 37
UNCENSORED DEATHS			
440 493 509	550 582 583 593 639	639 642 677 688 711	
CENSORED DEATHS			
None			

DOSE = 8 PPM

TOTAL 50	UNCENSORED DEATHS 6	CENSORED DEATHS 1	TERMINAL 43
UNCENSORED DEATHS			
572 583 677	677 704 719		
CENSORED DEATHS			
43			

DOSE = 16 PPM

TOTAL 50	UNCENSORED DEATHS 10	CENSORED DEATHS 0	TERMINAL 40
UNCENSORED DEATHS			
493 565 630	631 633 638 640 654 698 705		
CENSORED DEATHS			
None			

DOSE = 32 PPM

TOTAL 50	UNCENSORED DEATHS 8	CENSORED DEATHS 0	TERMINAL 42
UNCENSORED DEATHS			
499 505 530	641 653 667 677 698		
CENSORED DEATHS			

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FIRST TERMINAL SACRIFICE AT 729 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	90	180	270	365	425	485	545	605	665	729(A)
CONTROL	100.0	100.0	100.0	100.0	100.0	98.0	94.0	86.0	80.0	74.0
8 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.9	95.9	87.8
16 PPM	100.0	100.0	100.0	100.0	100.0	100.0	98.0	96.0	84.0	80.0
32 PPM	100.0	100.0	100.0	100.0	100.0	100.0	94.0	94.0	90.0	84.0

(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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FIRST TERMINAL SACRIFICE AT 729 DAYS

SURVIVAL SUMMARY STATISTICS				
DOSE	CONTROL	8 PPM	16 PPM	32 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	74.0%	87.8%	80.0%	84.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.453N	P=0.113N	P=0.583N	P=0.303N
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	595.8 (22.5)	655.3 (25.5)	628.7 (19.4)	608.8 (29.3)
MEAN LIFE SPAN (D) (STANDARD ERROR)	694.4 (10.1)	706.4 (14.2)	708.9 (6.8)	709.8 (7.7)

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FIRST TERMINAL SACRIFICE AT 731 DAYS

INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = CONTROL

TOTAL 50	UNCENSORED DEATHS 11	CENSORED DEATHS 0	TERMINAL 39
UNCENSORED DEATHS			
369 389 453	579 592 593 647 704	704 711 716	
CENSORED DEATHS			
None			

DOSE = 8 PPM

TOTAL 50	UNCENSORED DEATHS 11	CENSORED DEATHS 0	TERMINAL 39
UNCENSORED DEATHS			
495 558 565	605 617 629 659 660	688 698 712	
CENSORED DEATHS			
None			

DOSE = 16 PPM

TOTAL 50	UNCENSORED DEATHS 18	CENSORED DEATHS 0	TERMINAL 32
UNCENSORED DEATHS			
436 467 509	526 544 565 579 586	620 620 659 664 683 691	
700 712 718	722		
CENSORED DEATHS			
None			

DOSE = 32 PPM

TOTAL 50	UNCENSORED DEATHS 12	CENSORED DEATHS 0	TERMINAL 38
UNCENSORED DEATHS			
81 117 219	388 523 626 628 642	658 663 677 718	
CENSORED DEATHS			

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	90	180	270	365	425	485	545	605	665	731(A)
CONTROL	100.0	100.0	100.0	100.0	96.0	94.0	94.0	88.0	86.0	78.0
8 PPM	100.0	100.0	100.0	100.0	100.0	100.0	98.0	92.0	84.0	78.0
16 PPM	100.0	100.0	100.0	100.0	100.0	96.0	90.0	84.0	76.0	64.0
32 PPM	98.0	96.0	94.0	94.0	92.0	92.0	90.0	90.0	80.0	76.0

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SURVIVAL SUMMARY STATISTICS				
DOSE	CONTROL	8 PPM	16 PPM	32 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	78.0%	78.0%	64.0%	76.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.680	P=1.000N	P=0.184	P=0.932
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	587.0 (39.1)	626.0 (20.2)	611.2 (21.1)	495.0 (67.2)
MEAN LIFE SPAN (D) (STANDARD ERROR)	699.3 (11.9)	707.9 (7.5)	687.9 (11.1)	674.4 (21.2)

*** END OF REPORT ***

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