

TDMS No. 88123-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
FORMAMIDE
CAS Number: 75-12-7
Pathologist: RYAN, M. - Blackshear, P.
F1_M3

Date Report Reqsted: 05/04/2006
Time Report Reqsted: 11:56:14
First Dose M/F: 10/04/01 / 10/03/01
Lab: BAT

C Number: C88123B
Lock Date: 05/24/2004
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 0 MG/KG
Include 4 20 MG/KG
Include 7 80 MG/KG

Include 2 0 MG/KG
Include 5 40 MG/KG
Include 8 80 MG/KG

Include 3 20 MG/KG
Include 6 40 MG/KG

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MALE MICE

FIRST TERMINAL SACRIFICE AT 728 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 MG/KG

TOTAL 50	UNCENSORED DEATHS 11	CENSORED DEATHS 0	TERMINAL 39
UNCENSORED DEATHS			
455 456 474	538 556 600 652 677	687 693 705	
CENSORED DEATHS			
None			

DOSE = 20 MG/KG

TOTAL 50	UNCENSORED DEATHS 8	CENSORED DEATHS 0	TERMINAL 42
UNCENSORED DEATHS			
478 533 551	586 618 655 687 705		
CENSORED DEATHS			
None			

DOSE = 40 MG/KG

TOTAL 50	UNCENSORED DEATHS 14	CENSORED DEATHS 0	TERMINAL 36
UNCENSORED DEATHS			
203 343 449	478 618 630 633 664	696 701 709 714 719	722
CENSORED DEATHS			
None			

DOSE = 80 MG/KG

TOTAL 50	UNCENSORED DEATHS 17	CENSORED DEATHS 0	TERMINAL 33
UNCENSORED DEATHS			
449 485 534	603 618 635 646 650	656 656 658 659 661	673
708 719 721			
CENSORED DEATHS			

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	90	180	270	365	425	485	545	605	665	728(A)
0 MG/KG	100.0	100.0	100.0	100.0	100.0	94.0	92.0	88.0	86.0	78.0
20 MG/KG	100.0	100.0	100.0	100.0	100.0	98.0	96.0	92.0	88.0	84.0
40 MG/KG	100.0	100.0	98.0	96.0	96.0	92.0	92.0	92.0	84.0	72.0
80 MG/KG	100.0	100.0	100.0	100.0	100.0	96.0	94.0	92.0	74.0	66.0

(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 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	78.0%	84.0%	72.0%	66.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.101	P=0.586N	P=0.680	P=0.290
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	590.3 (29.9)	601.6 (28.0)	591.4 (43.2)	631.2 (18.5)
MEAN LIFE SPAN (D) (STANDARD ERROR)	697.7 (10.3)	707.8 (7.9)	689.7 (14.7)	695.1 (9.0)

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FEMALE MICE
FIRST TERMINAL SACRIFICE AT 727 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 MG/KG

TOTAL 50	UNCENSORED DEATHS 12	CENSORED DEATHS 0	TERMINAL 38
UNCENSORED DEATHS			
367 374 493	593 594 615 623 623	653 665 681 706	
CENSORED DEATHS			
None			

DOSE = 20 MG/KG

TOTAL 50	UNCENSORED DEATHS 11	CENSORED DEATHS 0	TERMINAL 39
UNCENSORED DEATHS			
413 513 536	575 618 646 658 665	665 674 681	
CENSORED DEATHS			
None			

DOSE = 40 MG/KG

TOTAL 50	UNCENSORED DEATHS 18	CENSORED DEATHS 1	TERMINAL 31
UNCENSORED DEATHS			
401 407 471	497 549 587 610 618	618 629 665 675 698 698	
700 702 709	713		
CENSORED DEATHS			
6			

DOSE = 80 MG/KG

TOTAL 50	UNCENSORED DEATHS 11	CENSORED DEATHS 0	TERMINAL 39
UNCENSORED DEATHS			
563 590 617	623 626 657 660 693	694 723 724	
CENSORED DEATHS			

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0 MG/KG	100.0	100.0	100.0	100.0	96.0	96.0	94.0	90.0	80.0	76.0
20 MG/KG	100.0	100.0	100.0	100.0	98.0	98.0	94.0	92.0	82.0	78.0
40 MG/KG	100.0	100.0	100.0	100.0	95.9	93.9	91.8	87.8	77.6	63.3
80 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.0	86.0	78.0

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SURVIVAL SUMMARY STATISTICS				
DOSE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	76.0%	78.0%	63.3%	78.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.977N	P=0.951N	P=0.275	P=0.886N
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	582.3 (32.5)	604.0 (25.8)	608.2 (24.3)	651.8 (16.0)
MEAN LIFE SPAN (D) (STANDARD ERROR)	692.3 (11.6)	699.9 (9.1)	669.8 (18.0)	710.5 (5.6)

*** END OF REPORT ***

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