

TDMS No. 88105-04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
ISOEUGENOL
CAS Number: 97-54-1
Pathologist: Blackshear, P. - GRUMBEIN, S.
F1_M3

Date Report Reqsted: 10/04/2006
Time Report Reqsted: 13:51:49
First Dose M/F: 05/09/02 / 05/08/02
Lab: BNW

C Number:	C88105		
Lock Date:	03/10/2005		
Cage Range:	1 - 9999		
Date Range:	1-JAN-1940 to 17-SEP-2040		
Reasons For Removal:	25022 Accidentally Killed	25021 Terminal Sacrifice	25020 Natural Death
	25019 Moribund Sacrifice		
Removal Date Range:	JAN /1 /1940 - SEP /17 /2040		
Treatment Groups:	Include 1 0 MG/KG	Include 2 0 MG/KG	Include 3 75 MG/KG
	Include 4 75 MG/KG	Include 5 150 MG/KG	Include 6 150 MG/KG
	Include 7 300 MG/KG	Include 8 300 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			
208 468 469	515 557 589 599 609	631 678 700	
CENSORED DEATHS			
None			

DOSE = 75 MG/KG

TOTAL 50	UNCENSORED DEATHS 12	CENSORED DEATHS 0	TERMINAL 38
UNCENSORED DEATHS			
441 443 481	510 611 646 646 658	674 693 702 713	
CENSORED DEATHS			
None			

DOSE = 150 MG/KG

TOTAL 50	UNCENSORED DEATHS 14	CENSORED DEATHS 0	TERMINAL 36
UNCENSORED DEATHS			
491 522 540	591 629 642 663 674	682 692 700 707 710 713	
CENSORED DEATHS			
None			

DOSE = 300 MG/KG

TOTAL 50	UNCENSORED DEATHS 23	CENSORED DEATHS 0	TERMINAL 27
UNCENSORED DEATHS			
324 385 394	404 408 436 527 532	532 533 534 555 579 603	
607 621 640	650 656 666 692 711 722		
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	98.0	98.0	98.0	94.0	92.0	86.0	82.0	78.0
75 MG/KG	100.0	100.0	100.0	100.0	100.0	94.0	92.0	92.0	84.0	76.0
150 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	94.0	92.0	86.0	72.0
300 MG/KG	100.0	100.0	100.0	98.0	90.0	88.0	78.0	72.0	62.0	54.0

(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	75 MG/KG	150 MG/KG	300 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	78.0%	76.0%	72.0%	54.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.004	P=1.000	P=0.757	P=0.019
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	547.5 (40.9)	601.5 (29.8)	639.7 (20.0)	552.7 (23.9)
MEAN LIFE SPAN (D) (STANDARD ERROR)	688.3 (13.8)	697.6 (10.4)	703.3 (7.9)	647.3 (16.5)

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

DOSE = 0 MG/KG													
TOTAL 49			UNCENSORED DEATHS 13					CENSORED DEATHS 2				TERMINAL 34	
UNCENSORED DEATHS													
342	423	569	594	616	617	631	664	686	699	701	709	714	
CENSORED DEATHS													
292	292												
DOSE = 75 MG/KG													
TOTAL 50			UNCENSORED DEATHS 11					CENSORED DEATHS 0				TERMINAL 39	
UNCENSORED DEATHS													
518	577	605	609	610	632	647	675	688	701	714			
CENSORED DEATHS													
None													
DOSE = 150 MG/KG													
TOTAL 50			UNCENSORED DEATHS 12					CENSORED DEATHS 0				TERMINAL 38	
UNCENSORED DEATHS													
313	577	587	616	632	647	693	695	703	705	709	725		
CENSORED DEATHS													
None													
DOSE = 300 MG/KG													
TOTAL 50			UNCENSORED DEATHS 16					CENSORED DEATHS 1				TERMINAL 33	
UNCENSORED DEATHS													
379	497	531	538	553	553	553	553	554	554	554	555	560	605
650	698												
CENSORED DEATHS													

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INDIVIDUAL SURVIVAL TIMES (DAYS)

277

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DOSE	TIME (DAYS)									
	90	180	270	365	425	485	545	605	665	727(A)
0 MG/KG	100.0	100.0	100.0	97.9	95.7	95.7	95.7	91.5	83.0	72.3
75 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	98.0	94.0	86.0	78.0
150 MG/KG	100.0	100.0	100.0	98.0	98.0	98.0	98.0	94.0	88.0	76.0
300 MG/KG	100.0	100.0	100.0	100.0	98.0	98.0	91.8	71.4	69.4	67.3

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SURVIVAL SUMMARY STATISTICS				
DOSE	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	72.3%	78.0%	76.0%	67.3%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.317	P=0.666N	P=0.794N	P=0.547
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	612.7 (31.5)	634.2 (17.7)	633.5 (32.6)	555.4 (16.7)
MEAN LIFE SPAN (D) (STANDARD ERROR)	678.9 (15.8)	706.6 (6.6)	704.6 (9.5)	663.1 (14.8)

*** END OF REPORT ***

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