

Experiment Number: 20108-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/C57BL/6

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Antioxidant model (TRAMP) - N-acetylcysteine
CAS Number: 616-91-1

Date Report Requested: 10/17/2014
Time Report Requested: 16:13:53
First Dose M/F: NA / NA
Lab: ILS

C Number:	C20108C
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male
PWG Approval Date	NONE

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Male MOUSE
FIRST TERMINAL SACRIFICE AT ### DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = VEHICLE CONTROL													
TOTAL 12			UNCENSORED DEATHS 0				CENSORED DEATHS 12				TERMINAL 0		
UNCENSORED DEATH DAYS													
none													
CENSORED DEATH DAYS													
32	32	57	58	85	85	85	86	86	86	88	88		
DOSE = NAC 125MG/KG													
TOTAL 32			UNCENSORED DEATHS 0				CENSORED DEATHS 30				TERMINAL 0		
UNCENSORED DEATH DAYS													
none													
CENSORED DEATH DAYS													
32	32	32	33	33	33	57	57	57	58	58	58	85	85
85	85	86	86	86	86	87	87	87	88	88	88	88	89
89	89												

- (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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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	90	180	270	365	425	485	545	605	665	#####
VEHICLE CONTROL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NAC 125MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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FIRST TERMINAL SACRIFICE AT ### DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	VEHICLE CONTROL	NAC 125MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	0.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	.	.
	(.)	(.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	72.3	70.1
	(6.3)	(4.1)

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