

**Experiment Number:** 20108-06  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/TRAMP

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 14:18:25  
**First Dose M/F:** NA / NA  
**Lab:** ILS

<b>C Number:</b>	C20108C
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Male
<b>PWG Approval Date</b>	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	33	57	57	58	58	85	86	88	88	89	89		
DOSE = NAC 125MG/KG													
TOTAL 32			UNCENSORED DEATHS 1				CENSORED DEATHS 31				TERMINAL 0		
UNCENSORED DEATH DAYS													
30													
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	87	88	88	88	89
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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**FIRST TERMINAL SACRIFICE AT ### DAYS**

**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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>VEHICLE CONTROL</b>	<b>NAC 125MG/KG</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	0.0%	0.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=1.000	P=1.000
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	.	30.0
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	(.)	(.)
	68.3	69.4
	(6.3)	(4.1)

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**\*\* END OF REPORT \*\***

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