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

C Number: C20108C

Lock Date: Not Entered.

Cage Range: All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

PWG Approval Date NONE

Species/Strain: Mouse/TRAMP

Test Type: 90-DAY

Route: GAVAGE

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

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

						HEO (BATO)							
ICLE CONTI	ROL												
TOTAL 12			UNCENSORED DEATHS 0			HS 12	TERMI	TERMINAL 0					
ED DEATH D	AYS												
DEATH DAY	S												
3 57	7 57	58	58	85	86	88	88	89	89				
125MG/K	G												
TOTAL 32			UNCENSORED DEATHS 1			CENSORED DEATHS 31			TERMINAL 0				
UNCENSORED DEATH DAYS													
CENSORED DEATH DAYS													
2 32	2 33	33	33	57	57	57	58	58	58	85	85		
5 86	86	86	86	87	87	87	87	88	88	88	89		
9 89	9												
3	DEATH DAY  13 57  125MG/K  ED DEATH D  DEATH DAY  32 32 35 86	DEATH DAYS  33 57 57  C 125MG/KG  UNCE  ED DEATH DAYS  DEATH DAYS  32 32 33 35 86 86	UNCENSORED DE ED DEATH DAYS  33 57 57 58  C 125MG/KG  UNCENSORED DE ED DEATH DAYS  DEATH DAYS  32 32 33 33 35 86 86 86 86	UNCENSORED DEATHS 0  ED DEATH DAYS  33 57 57 58 58  C 125MG/KG  UNCENSORED DEATHS 1  ED DEATH DAYS  DEATH DAYS  32 32 33 33 33 33 33 33 33 35 36 86 86 86 86 86	UNCENSORED DEATHS 0 CENSORED DEATH DAYS  DEATH DAYS  33 57 57 58 58 85  C 125MG/KG  UNCENSORED DEATHS 1 CENSORED DEATH DAYS  DEATH DAYS  DEATH DAYS  32 32 33 33 33 57 35 86 86 86 86 86 87	UNCENSORED DEATHS 0 CENSORED DEAT  ED DEATH DAYS  33 57 57 58 58 85 86  C 125MG/KG  UNCENSORED DEATHS 1 CENSORED DEAT  ED DEATH DAYS  DEATH DAYS  DEATH DAYS  32 32 33 33 33 57 57 57 58 58 86 86 86 86 87 87	UNCENSORED DEATHS 0 CENSORED DEATHS 12  ED DEATH DAYS  33 57 57 58 58 85 86 88  C 125MG/KG  UNCENSORED DEATHS 1 CENSORED DEATHS 31  ED DEATH DAYS  DEATH DAYS  DEATH DAYS  32 32 33 33 33 57 57 57 57 57 57 57 57 57 57 57 57 57	UNCENSORED DEATHS 0   CENSORED DEATHS 12   TERMINED DEATH DAYS	UNCENSORED DEATHS 0   CENSORED DEATHS 12   TERMINAL 0	UNCENSORED DEATHS 0   CENSORED DEATHS 12   TERMINAL 0	UNCENSORED DEATHS 0   CENSORED DEATHS 12   TERMINAL 0		

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>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".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Species/Strain: Mouse/TRAMP

Test Type: 90-DAY

Route: GAVAGE

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

Male MOUSE FIRST TERMINAL SACRIFICE AT ### DAYS

# KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE					TIMI	E (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

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>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".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Species/Strain: Mouse/TRAMP

Test Type: 90-DAY

Route: GAVAGE

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

#### Male MOUSE FIRST TERMINAL SACRIFICE AT ### DAYS

# SURVIVAL SUMMARY STATISTICS

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

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>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".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

**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

\*\* END OF REPORT \*\*

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>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".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)