

Experiment Number: 91005-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Methylene blue trihydrate
CAS Number: 7220-79-3

Date Report Requested: 10/15/2014
Time Report Requested: 18:00:01
First Dose M/F: NA / NA
Lab: BAT

C Number: C91005B
Lock Date: 05/12/1994
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE

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Male RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 25 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 1	TERMINAL 9
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
71			

DOSE = 50 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 100 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

(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 Dose M/F: NA / NA

Lab: BAT

**Male RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)**

DOSE = 200 MG/KG

TOTAL 10

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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Lab: BAT

Male RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	92(A)
0 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200 MG/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 Dose M/F: NA / NA
Lab: BAT

Male RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	92.0 (0.0)	89.9 (2.1)	92.0 (0.0)	92.0 (0.0)

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(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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First Dose M/F: NA / NA
Lab: BAT

Male RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	200 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	92.0 (0.0)

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Route: GAVAGE

Species/Strain: Rat/F 344/N

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Time Report Requested: 18:00:01

First Dose M/F: NA / NA

Lab: BAT

Female RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 25 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 50 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 100 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 1	TERMINAL 9
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
14			

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(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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First Dose M/F: NA / NA
Lab: BAT

Female RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 200 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 4	TERMINAL 6
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
14	27	27	71

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Lab: BAT

Female RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	92(A)
0 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200 MG/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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Female RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 MG/KG	25 MG/KG	50 MG/KG	100 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	92.0 (0.0)	92.0 (0.0)	92.0 (0.0)	84.2 (7.8)

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FIRST TERMINAL SACRIFICE AT 92 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	200 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	69.1 (10.4)

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First Dose M/F: NA / NA

Lab: BAT

**** END OF REPORT ****

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(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)