

Experiment Number: 96015-04
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Water disinfection byproducts (Dibromoacetonitrile)
CAS Number: 3252-43-5

Date Report Requested: 10/19/2014
Time Report Requested: 17:33:29
First Dose M/F: NA / NA
Lab: SRI

C Number: C96015
Lock Date: 07/20/2001
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 MOUSE
FIRST TERMINAL SACRIFICE AT 93 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 MG/L

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 12.5 MG/L

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 25 MG/L

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 50 MG/L

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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Male MOUSE
FIRST TERMINAL SACRIFICE AT 93 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 100 MG/L

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 200 MG/L

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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Male MOUSE
FIRST TERMINAL SACRIFICE AT 93 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	93(A)
0 MG/L	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12.5 MG/L	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25 MG/L	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50 MG/L	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100 MG/L	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200 MG/L	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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

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Lab: SRI

Male MOUSE
 FIRST TERMINAL SACRIFICE AT 93 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 MG/L	12.5 MG/L	25 MG/L	50 MG/L
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)	93.0 (0.0)	93.0 (0.0)	93.0 (0.0)	93.0 (0.0)

(A) FIRST TERMINAL SACRIFICE

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Male MOUSE
FIRST TERMINAL SACRIFICE AT 93 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	100 MG/L	200 MG/L
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	93.0 (0.0)	93.0 (0.0)

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Lab: SRI

Female MOUSE
FIRST TERMINAL SACRIFICE AT 93 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

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

DOSE = 12.5 MG/L			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 25 MG/L			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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

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Female MOUSE
FIRST TERMINAL SACRIFICE AT 93 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 100 MG/L

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 200 MG/L

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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50 MG/L	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100 MG/L	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200 MG/L	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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