

**Experiment Number:** 96010-02  
**Test Type:** 21-DAY  
**Species/Strain:** Mouse/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** Water disinfection byproducts (Sodium chlorate)  
**CAS Number:** 7775-09-9

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 12:48:38  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**C Number:** C96010A  
**Lock Date:** 09/25/1998  
**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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First Dose M/F: NA / NA

Lab: SRI

**Male MOUSE  
FIRST TERMINAL SACRIFICE AT 22 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)**

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**DOSE = 0 MG/L**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 125 MG/L**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

---

**DOSE = 250 MG/L**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

---

**DOSE = 500 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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**Lab:** SRI

**Male MOUSE  
FIRST TERMINAL SACRIFICE AT 22 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)**

---

**DOSE = 1000MG/L**

TOTAL 10

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

---

**DOSE = 2000MG/L**

TOTAL 10

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**Lab:** SRI

**Male MOUSE**  
**FIRST TERMINAL SACRIFICE AT 22 DAYS**

**KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)**

DOSE	TIME (DAYS)									
	3	6	9	12	15	18	21	24	27	22(A)
<b>0 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>125 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>250 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>500 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>1000MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>2000MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(A) FIRST TERMINAL SACRIFICE

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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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Date Report Requested: 10/22/2014

Time Report Requested: 12:48:38

First Dose M/F: NA / NA

Lab: SRI

**Male MOUSE  
FIRST TERMINAL SACRIFICE AT 22 DAYS**

**SURVIVAL SUMMARY STATISTICS**

DOSE	0 MG/L	125 MG/L	250 MG/L	500 MG/L
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	22.0 (0.0)	22.0 (0.0)	22.0 (0.0)	22.0 (0.0)

(A) FIRST TERMINAL SACRIFICE

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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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**Lab:** SRI

**Male MOUSE**  
**FIRST TERMINAL SACRIFICE AT 22 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>1000MG/L</b>	<b>2000MG/L</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	. (.)	. (.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	22.0 (0.0)	22.0 (0.0)

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First Dose M/F: NA / NA

Lab: SRI

Female MOUSE  
FIRST TERMINAL SACRIFICE AT 22 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 = 125 MG/L

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

---

DOSE = 250 MG/L

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

---

DOSE = 500 MG/L

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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**First Dose M/F:** NA / NA

**Lab:** SRI

**Female MOUSE  
FIRST TERMINAL SACRIFICE AT 22 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)**

---

**DOSE = 1000MG/L**

TOTAL 10

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

---

**DOSE = 2000MG/L**

TOTAL 10

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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500 MG/L	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000MG/L	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000MG/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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<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%
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