

**Experiment Number:** 99007-04  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** Goldenseal root powder  
**CAS Number:** GOLDENSEALRT

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 04:52:55  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**C Number:** C99007B  
**Lock Date:** 09/23/2002  
**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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Date Report Requested: 10/19/2014

Time Report Requested: 04:52:55

First Dose M/F: NA / NA

Lab: SRI

Male MOUSE  
FIRST TERMINAL SACRIFICE AT 94 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

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**DOSE = 0 PPM**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 3125 PPM**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 6250 PPM**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 12500 PPM**

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: SRI

**Male MOUSE  
FIRST TERMINAL SACRIFICE AT 94 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)**

---

**DOSE = 25000 PPM**

TOTAL 10

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

---

**DOSE = 50000 PPM**

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 94 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	94(A)
0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3125 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6250 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12500 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25000 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50000 PPM	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

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

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Date Report Requested: 10/19/2014  
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 First Dose M/F: NA / NA  
 Lab: SRI

Male MOUSE  
 FIRST TERMINAL SACRIFICE AT 94 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 PPM	3125 PPM	6250 PPM	12500 PPM
<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)	94.0 (0.0)	94.0 (0.0)	94.0 (0.0)	94.0 (0.0)

(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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**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

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**Test Compound:** Goldenseal root powder  
**CAS Number:** GOLDENSEALRT

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 04:52:55  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**Male MOUSE**  
**FIRST TERMINAL SACRIFICE AT 94 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>25000 PPM</b>	<b>50000 PPM</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)	94.0 (0.0)	94.0 (0.0)

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Test Compound: Goldenseal root powder

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Time Report Requested: 04:52:55

First Dose M/F: NA / NA

Lab: SRI

Female MOUSE  
FIRST TERMINAL SACRIFICE AT 94 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

---

**DOSE = 0 PPM**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

---

**DOSE = 3125 PPM**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

---

**DOSE = 6250 PPM**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

---

**DOSE = 12500 PPM**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**Lab:** SRI

**Female MOUSE**  
**FIRST TERMINAL SACRIFICE AT 94 DAYS**  
**INDIVIDUAL SURVIVAL TIMES (DAYS)**

---

**DOSE = 25000 PPM**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

---

**DOSE = 50000 PPM**

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 94 DAYS**

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

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	10	20	30	40	50	60	70	80	90	94(A)
<b>0 PPM</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>3125 PPM</b>	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>DOSE</b>	<b>25000 PPM</b>	<b>50000 PPM</b>
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**\*\* END OF REPORT \*\***

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