

**Experiment Number:** 92007-02  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** 2-Cyclohexen-1-one  
**CAS Number:** 930-68-7

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 07:32:14  
**First Dose M/F:** NA / NA  
**Lab:** NIEHS

**C Number:** C92007  
**Lock Date:** 02/04/1999  
**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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Lab: NIEHS

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

| DOSE = 0PPM           |    |    |                     |    |    |                    |    |    |            |
|-----------------------|----|----|---------------------|----|----|--------------------|----|----|------------|
| TOTAL 10              |    |    | UNCENSORED DEATHS 0 |    |    | CENSORED DEATHS 10 |    |    | TERMINAL 0 |
| UNCENSORED DEATH DAYS |    |    |                     |    |    |                    |    |    |            |
| none                  |    |    |                     |    |    |                    |    |    |            |
| CENSORED DEATH DAYS   |    |    |                     |    |    |                    |    |    |            |
| 95                    | 95 | 95 | 95                  | 95 | 95 | 95                 | 95 | 95 | 95         |
| DOSE = 2.5PPM         |    |    |                     |    |    |                    |    |    |            |
| TOTAL 10              |    |    | UNCENSORED DEATHS 0 |    |    | CENSORED DEATHS 10 |    |    | TERMINAL 0 |
| UNCENSORED DEATH DAYS |    |    |                     |    |    |                    |    |    |            |
| none                  |    |    |                     |    |    |                    |    |    |            |
| CENSORED DEATH DAYS   |    |    |                     |    |    |                    |    |    |            |
| 95                    | 95 | 95 | 95                  | 95 | 95 | 96                 | 96 | 96 | 96         |
| DOSE = 5PPM           |    |    |                     |    |    |                    |    |    |            |
| TOTAL 10              |    |    | UNCENSORED DEATHS 0 |    |    | CENSORED DEATHS 10 |    |    | TERMINAL 0 |
| UNCENSORED DEATH DAYS |    |    |                     |    |    |                    |    |    |            |
| none                  |    |    |                     |    |    |                    |    |    |            |
| CENSORED DEATH DAYS   |    |    |                     |    |    |                    |    |    |            |
| 96                    | 96 | 96 | 96                  | 96 | 96 | 96                 | 96 | 96 | 96         |
| DOSE = 10PPM          |    |    |                     |    |    |                    |    |    |            |
| TOTAL 10              |    |    | UNCENSORED DEATHS 0 |    |    | CENSORED DEATHS 10 |    |    | TERMINAL 0 |
| UNCENSORED DEATH DAYS |    |    |                     |    |    |                    |    |    |            |
| none                  |    |    |                     |    |    |                    |    |    |            |
| CENSORED DEATH DAYS   |    |    |                     |    |    |                    |    |    |            |
| 96                    | 96 | 96 | 96                  | 96 | 96 | 96                 | 96 | 96 | 96         |

(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: NIEHS

Male MOUSE  
FIRST TERMINAL SACRIFICE AT ### DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

| DOSE   | TIME (DAYS) |     |     |     |     |     |     |     |     |       |
|--------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-------|
|        | 90          | 180 | 270 | 365 | 425 | 485 | 545 | 605 | 665 | ##### |
| 0PPM   | 100.0       | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 2.5PPM | 100.0       | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 5PPM   | 100.0       | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 10PPM  | 100.0       | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |

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Male MOUSE  
FIRST TERMINAL SACRIFICE AT ### DAYS

SURVIVAL SUMMARY STATISTICS

| DOSE  | 0PPM          | 2.5PPM        | 5PPM          | 10PPM         |
|---|---------------|---------------|---------------|---------------|
| <b>SURVIVAL AT END OF STUDY</b><br>(KAPLAN-MEIER)         | 0.0%          | 0.0%          | 0.0%          | 0.0%          |
| <b>SIGNIFICANCE (B)</b><br>(LIFE TABLE)                   | -----         | -----         | -----         | -----         |
| <b>MEAN DAY OF NATURAL DEATHS (C)</b><br>(STANDARD ERROR) | .<br>(.)      | .<br>(.)      | .<br>(.)      | .<br>(.)      |
| <b>MEAN LIFE SPAN (D)</b><br>(STANDARD ERROR)             | 95.0<br>(0.0) | 95.4<br>(0.2) | 96.0<br>(0.0) | 96.0<br>(0.0) |

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Species/Strain: Mouse/B6C3F1

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First Dose M/F: NA / NA

Lab: NIEHS

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

| DOSE = 0PPM           |    |    |                     |    |    |                    |    |    |            |
|-----------------------|----|----|---------------------|----|----|--------------------|----|----|------------|
| TOTAL 10              |    |    | UNCENSORED DEATHS 0 |    |    | CENSORED DEATHS 10 |    |    | TERMINAL 0 |
| UNCENSORED DEATH DAYS |    |    |                     |    |    |                    |    |    |            |
| none                  |    |    |                     |    |    |                    |    |    |            |
| CENSORED DEATH DAYS   |    |    |                     |    |    |                    |    |    |            |
| 96                    | 96 | 96 | 96                  | 96 | 96 | 96                 | 96 | 96 | 96         |
| DOSE = 2.5PPM         |    |    |                     |    |    |                    |    |    |            |
| TOTAL 10              |    |    | UNCENSORED DEATHS 0 |    |    | CENSORED DEATHS 10 |    |    | TERMINAL 0 |
| UNCENSORED DEATH DAYS |    |    |                     |    |    |                    |    |    |            |
| none                  |    |    |                     |    |    |                    |    |    |            |
| CENSORED DEATH DAYS   |    |    |                     |    |    |                    |    |    |            |
| 96                    | 96 | 96 | 96                  | 96 | 96 | 96                 | 96 | 96 | 96         |
| DOSE = 5PPM           |    |    |                     |    |    |                    |    |    |            |
| TOTAL 10              |    |    | UNCENSORED DEATHS 0 |    |    | CENSORED DEATHS 10 |    |    | TERMINAL 0 |
| UNCENSORED DEATH DAYS |    |    |                     |    |    |                    |    |    |            |
| none                  |    |    |                     |    |    |                    |    |    |            |
| CENSORED DEATH DAYS   |    |    |                     |    |    |                    |    |    |            |
| 96                    | 96 | 96 | 96                  | 96 | 96 | 96                 | 96 | 96 | 96         |
| DOSE = 10PPM          |    |    |                     |    |    |                    |    |    |            |
| TOTAL 10              |    |    | UNCENSORED DEATHS 0 |    |    | CENSORED DEATHS 10 |    |    | TERMINAL 0 |
| UNCENSORED DEATH DAYS |    |    |                     |    |    |                    |    |    |            |
| none                  |    |    |                     |    |    |                    |    |    |            |
| CENSORED DEATH DAYS   |    |    |                     |    |    |                    |    |    |            |
| 96                    | 96 | 96 | 96                  | 96 | 96 | 96                 | 96 | 96 | 96         |

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Female MOUSE  
FIRST TERMINAL SACRIFICE AT ### DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

| DOSE   | TIME (DAYS) |     |     |     |     |     |     |     |     |       |
|--------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-------|
|        | 90          | 180 | 270 | 365 | 425 | 485 | 545 | 605 | 665 | ##### |
| 0PPM   | 100.0       | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 2.5PPM | 100.0       | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 5PPM   | 100.0       | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 10PPM  | 100.0       | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |

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| DOSE  | 0PPM          | 2.5PPM        | 5PPM          | 10PPM         |
|---|---------------|---------------|---------------|---------------|
| <b>SURVIVAL AT END OF STUDY</b><br>(KAPLAN-MEIER)         | 0.0%          | 0.0%          | 0.0%          | 0.0%          |
| <b>SIGNIFICANCE (B)</b><br>(LIFE TABLE)                   | -----         | -----         | -----         | -----         |
| <b>MEAN DAY OF NATURAL DEATHS (C)</b><br>(STANDARD ERROR) | .<br>(.)      | .<br>(.)      | .<br>(.)      | .<br>(.)      |
| <b>MEAN LIFE SPAN (D)</b><br>(STANDARD ERROR)             | 96.0<br>(0.0) | 96.0<br>(0.0) | 96.0<br>(0.0) | 96.0<br>(0.0) |

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**\*\* END OF REPORT \*\***

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