

Experiment Number: 99027-02
Test Type: 90-DAY
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Chromium picolinate monohydrate
CAS Number: 27882-76-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:09:16
First Dose M/F: NA / NA
Lab: SRI

C Number: C99027
Lock Date: 06/10/2002
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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Lab: SRI

**Male MOUSE
FIRST TERMINAL SACRIFICE AT 93 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 = 80 PPM | | | |
| TOTAL 10 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 10 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

| | | | |
|------------------------------|---------------------|-------------------|-------------|
| DOSE = 240 PPM | | | |
| TOTAL 10 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 10 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

| | | | |
|------------------------------|---------------------|-------------------|-------------|
| DOSE = 2000 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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Lab: SRI

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

DOSE = 10000 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 93 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

| DOSE | TIME (DAYS) | | | | | | | | | |
|------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 93(A) |
| 0 PPM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 80 PPM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 240 PPM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 PPM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10000 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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First Dose M/F: NA / NA
Lab: SRI

Male MOUSE
FIRST TERMINAL SACRIFICE AT 93 DAYS

SURVIVAL SUMMARY STATISTICS

| DOSE | 0 PPM | 80 PPM | 240 PPM | 2000 PPM |
|---|---------------|---------------|----------------|-----------------|
| 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) |

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(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: Chromium picolinate monohydrate
CAS Number: 27882-76-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:09:16
First Dose M/F: NA / NA
Lab: SRI

Male MOUSE
FIRST TERMINAL SACRIFICE AT 93 DAYS

SURVIVAL SUMMARY STATISTICS

| DOSE | 10000 PPM | 50000 PPM |
|---|------------------|------------------|
| 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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(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

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Experiment Number: 99027-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Chromium picolinate monohydrate

CAS Number: 27882-76-4

Date Report Requested: 10/19/2014

Time Report Requested: 07:09:16

First Dose M/F: NA / NA

Lab: SRI

Female MOUSE
FIRST TERMINAL SACRIFICE AT 93 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 = 80 PPM | | | |
| TOTAL 10 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 10 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

| | | | |
|------------------------------|---------------------|-------------------|-------------|
| DOSE = 240 PPM | | | |
| TOTAL 10 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 10 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

| | | | |
|------------------------------|---------------------|-------------------|-------------|
| DOSE = 2000 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 93 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 10000 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 93 DAYS

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| DOSE | TIME (DAYS) | | | | | | | | | |
|-----------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 93(A) |
| 0 PPM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 80 PPM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 240 PPM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 PPM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10000 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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Female MOUSE
 FIRST TERMINAL SACRIFICE AT 93 DAYS

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| DOSE | 0 PPM | 80 PPM | 240 PPM | 2000 PPM |
|---|---------------|---------------|---------------|---------------|
| 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) |

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Female MOUSE
FIRST TERMINAL SACRIFICE AT 93 DAYS

SURVIVAL SUMMARY STATISTICS

| DOSE | 10000 PPM | 50000 PPM |
|---|------------------|------------------|
| SURVIVAL AT END OF STUDY (KAPLAN-MEIER) | 100.0% | 100.0% |
| SIGNIFICANCE (B) (LIFE TABLE) | ----- | ----- |
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Lab: SRI

**** END OF REPORT ****

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