

Experiment Number: 20540-02
Test Type: 150-DAY
Route: GAVAGE
Species/Strain: Rat/F344/N Tac

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Methyleugenol (TGMX rat liver evaluation)
CAS Number: 93-15-2

Date Report Requested: 10/20/2014
Time Report Requested: 20:01:32
First Dose M/F: NA / NA
Lab: BAT

C Number: C20540C
Lock Date: 08/01/2007
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male
PWG Approval Date: NONE

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Male RAT
FIRST TERMINAL SACRIFICE AT 150 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

| DOSE = 0 mg/kg | | | | | | | | | | | | | |
|------------------------------|----|----|---------------------|---|---|--------------------|----|----|------------|----|----|----|----|
| TOTAL 24 | | | UNCENSORED DEATHS 0 | | | CENSORED DEATHS 18 | | | TERMINAL 6 | | | | |
| UNCENSORED DEATH DAYS | | | | | | | | | | | | | |
| none | | | | | | | | | | | | | |
| CENSORED DEATH DAYS | | | | | | | | | | | | | |
| 3 | 3 | 3 | 3 | 3 | 3 | 15 | 15 | 15 | 15 | 15 | 15 | 91 | 91 |
| 91 | 91 | 91 | 91 | | | | | | | | | | |
| DOSE = MEG 150 mg/kg | | | | | | | | | | | | | |
| TOTAL 24 | | | UNCENSORED DEATHS 0 | | | CENSORED DEATHS 18 | | | TERMINAL 6 | | | | |
| UNCENSORED DEATH DAYS | | | | | | | | | | | | | |
| none | | | | | | | | | | | | | |
| CENSORED DEATH DAYS | | | | | | | | | | | | | |
| 3 | 3 | 3 | 3 | 3 | 3 | 15 | 15 | 15 | 15 | 15 | 15 | 91 | 91 |
| 91 | 91 | 91 | 91 | | | | | | | | | | |

(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 TERMINAL SACRIFICE AT 150 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

| DOSE | TIME (DAYS) | | | | | | | | | |
|---------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150(A) |
| 0 mg/kg | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| MEG 150 mg/kg | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

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Male RAT
FIRST TERMINAL SACRIFICE AT 150 DAYS

SURVIVAL SUMMARY STATISTICS

| DOSE | 0 mg/kg | MEG 150 mg/kg |
|---|----------------|----------------|
| 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) | 64.8 (12.4) | 64.8 (12.4) |

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**** END OF REPORT ****

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