

Experiment Number: 99020-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Pulegone
CAS Number: 89-82-7

Date Report Requested: 10/22/2014
Time Report Requested: 12:22:00
First Dose M/F: NA / NA
Lab: BAT

| | |
|-----------------------------|------------|
| C Number: | C99020 |
| Lock Date: | 10/24/2001 |
| 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: BAT

Male MOUSE
FIRST TERMINAL SACRIFICE AT 17 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 0 MG/KG | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |
| <hr/> | | | |
| DOSE = 18.75 MG/KG | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |
| <hr/> | | | |
| DOSE = 37.5 MG/KG | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |
| <hr/> | | | |
| DOSE = 75 MG/KG | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| 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)

Experiment Number: 99020-02
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P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

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First Dose M/F: NA / NA
Lab: BAT

Male MOUSE
FIRST TERMINAL SACRIFICE AT 17 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 150 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 300 MG/KG

TOTAL 5 UNCENSORED DEATHS 1 CENSORED DEATHS 0 TERMINAL 4

UNCENSORED DEATH DAYS

5

CENSORED DEATH DAYS

none

(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)

Experiment Number: 99020-02
Test Type: 14-DAY
Route: GAVAGE
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Test Compound: Pulegone
CAS Number: 89-82-7

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First Dose M/F: NA / NA
Lab: BAT

Male MOUSE
FIRST TERMINAL SACRIFICE AT 17 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

| DOSE | TIME (DAYS) | | | | | | | | | |
|--------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 17(A) |
| 0 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 18.75 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 37.5 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 75 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 150 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 MG/KG | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |

(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)

Experiment Number: 99020-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Pulegone
CAS Number: 89-82-7

Date Report Requested: 10/22/2014
Time Report Requested: 12:22:00
First Dose M/F: NA / NA
Lab: BAT

Male MOUSE
FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

| DOSE | 0 MG/KG | 18.75 MG/KG | 37.5 MG/KG | 75 MG/KG |
|---|----------------|--------------------|-------------------|-----------------|
| SURVIVAL AT END OF STUDY (KAPLAN-MEIER) | 100.0% | 100.0% | 100.0% | 100.0% |
| SIGNIFICANCE (B) (LIFE TABLE) | P=0.213 | ----- | ----- | ----- |
| MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR) | . | . | . | . |
| | (.) | (.) | (.) | (.) |
| MEAN LIFE SPAN (D) (STANDARD ERROR) | 17.0 | 17.0 | 17.0 | 17.0 |
| | (0.0) | (0.0) | (0.0) | (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)

Experiment Number: 99020-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Pulegone
CAS Number: 89-82-7

Date Report Requested: 10/22/2014
Time Report Requested: 12:22:00
First Dose M/F: NA / NA
Lab: BAT

**Male MOUSE
FIRST TERMINAL SACRIFICE AT 17 DAYS**

SURVIVAL SUMMARY STATISTICS

| DOSE | 150 MG/KG | 300 MG/KG |
|---|------------------|------------------|
| SURVIVAL AT END OF STUDY (KAPLAN-MEIER) | 100.0% | 80.0% |
| SIGNIFICANCE (B) (LIFE TABLE) | ----- | P=1.000 |
| MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR) | . (.) | 5.0 (.) |
| MEAN LIFE SPAN (D) (STANDARD ERROR) | 17.0 (0.0) | 14.6 (2.4) |

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(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

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

Experiment Number: 99020-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Pulegone
CAS Number: 89-82-7

Date Report Requested: 10/22/2014
Time Report Requested: 12:22:00
First Dose M/F: NA / NA
Lab: BAT

Female MOUSE
FIRST TERMINAL SACRIFICE AT 17 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 0 MG/KG | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |
| <hr/> | | | |
| DOSE = 18.75 MG/KG | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |
| <hr/> | | | |
| DOSE = 37.5 MG/KG | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |
| <hr/> | | | |
| DOSE = 75 MG/KG | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| 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)

Experiment Number: 99020-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Pulegone
CAS Number: 89-82-7

Date Report Requested: 10/22/2014
Time Report Requested: 12:22:00
First Dose M/F: NA / NA
Lab: BAT

Female MOUSE
FIRST TERMINAL SACRIFICE AT 17 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 150 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 300 MG/KG

TOTAL 5 UNCENSORED DEATHS 4 CENSORED DEATHS 0 TERMINAL 1

UNCENSORED DEATH DAYS

4 5 5 5

CENSORED DEATH DAYS

none

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(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

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

Experiment Number: 99020-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Pulegone
CAS Number: 89-82-7

Date Report Requested: 10/22/2014
Time Report Requested: 12:22:00
First Dose M/F: NA / NA
Lab: BAT

Female MOUSE
FIRST TERMINAL SACRIFICE AT 17 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

| DOSE | TIME (DAYS) | | | | | | | | | |
|--------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 17(A) |
| 0 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 18.75 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 37.5 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 75 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 150 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 MG/KG | 100.0 | 80.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |

(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)

Experiment Number: 99020-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Pulegone
CAS Number: 89-82-7

Date Report Requested: 10/22/2014
Time Report Requested: 12:22:00
First Dose M/F: NA / NA
Lab: BAT

Female MOUSE
FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

| DOSE | 0 MG/KG | 18.75 MG/KG | 37.5 MG/KG | 75 MG/KG |
|---|----------------|--------------------|-------------------|-----------------|
| SURVIVAL AT END OF STUDY (KAPLAN-MEIER) | 100.0% | 100.0% | 100.0% | 100.0% |
| SIGNIFICANCE (B) (LIFE TABLE) | P=0.000 | ----- | ----- | ----- |
| MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR) | . | . | . | . |
| | (.) | (.) | (.) | (.) |
| MEAN LIFE SPAN (D) (STANDARD ERROR) | 17.0 | 17.0 | 17.0 | 17.0 |
| | (0.0) | (0.0) | (0.0) | (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)

Experiment Number: 99020-02
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Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Pulegone
CAS Number: 89-82-7

Date Report Requested: 10/22/2014
Time Report Requested: 12:22:00
First Dose M/F: NA / NA
Lab: BAT

**Female MOUSE
FIRST TERMINAL SACRIFICE AT 17 DAYS**

SURVIVAL SUMMARY STATISTICS

| DOSE | 150 MG/KG | 300 MG/KG |
|---|------------------|------------------|
| SURVIVAL AT END OF STUDY (KAPLAN-MEIER) | 100.0% | 20.0% |
| SIGNIFICANCE (B) (LIFE TABLE) | ----- | P=0.063 |
| MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR) | . | 4.8 (0.3) |
| MEAN LIFE SPAN (D) (STANDARD ERROR) | 17.0 (0.0) | 7.2 (2.5) |

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

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Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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Test Compound: Pulegone

CAS Number: 89-82-7

Date Report Requested: 10/22/2014

Time Report Requested: 12:22:00

First Dose M/F: NA / NA

Lab: BAT

**** END OF REPORT ****

(A) FIRST TERMINAL SACRIFICE

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