

Experiment Number: 20525-01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F344/N Tac

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: n-Butyl glycidyl ether
CAS Number: 2426-08-6

Date Report Requested: 10/21/2014
Time Report Requested: 04:47:15
First Dose M/F: NA / NA
Lab: BNW

| | |
|-----------------------------|------------|
| C Number: | C20525 |
| Lock Date: | 12/01/2006 |
| 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: BNW

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

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = Control | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 62.5 PPM | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 125 PPM | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 250 PPM | | | |
| 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)

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Lab: BNW

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

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 500 PPM | | | |
| TOTAL 5 | UNCENSORED DEATHS 1 | CENSORED DEATHS 0 | TERMINAL 4 |
| UNCENSORED DEATH DAYS | | | |
| 5 | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |
| <hr/> | | | |
| DOSE = 1000 PPM | | | |
| TOTAL 5 | UNCENSORED DEATHS 5 | CENSORED DEATHS 0 | TERMINAL 0 |
| UNCENSORED DEATH DAYS | | | |
| 3 | 3 | 3 | 3 4 |
| 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: 20525-01

Test Type: 14-DAY

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First Dose M/F: NA / NA

Lab: BNW

Male RAT
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) |
| Control | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 62.5 PPM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 125 PPM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 250 PPM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 PPM | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 1000 PPM | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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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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CAS Number: 2426-08-6

Date Report Requested: 10/21/2014

Time Report Requested: 04:47:15

First Dose M/F: NA / NA

Lab: BNW

Male RAT
FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

| DOSE | Control | 62.5 PPM | 125 PPM | 250 PPM |
|---|---------------|---------------|---------------|---------------|
| 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 (0.0) | 17.0 (0.0) | 17.0 (0.0) | 17.0 (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: 20525-01

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F344/N Tac

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Test Compound: n-Butyl glycidyl ether

CAS Number: 2426-08-6

Date Report Requested: 10/21/2014

Time Report Requested: 04:47:15

First Dose M/F: NA / NA

Lab: BNW

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

SURVIVAL SUMMARY STATISTICS

| DOSE | 500 PPM | 1000 PPM |
|---|----------------|-----------------|
| SURVIVAL AT END OF STUDY (KAPLAN-MEIER) | 80.0% | 0.0% |
| SIGNIFICANCE (B) (LIFE TABLE) | P=1.000 | P=0.009 |
| MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR) | 5.0 (.) | 3.2 (0.2) |
| MEAN LIFE SPAN (D) (STANDARD ERROR) | 14.6 (2.4) | 3.2 (0.2) |

(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: 20525-01

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F344/N Tac

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: n-Butyl glycidyl ether

CAS Number: 2426-08-6

Date Report Requested: 10/21/2014

Time Report Requested: 04:47:15

First Dose M/F: NA / NA

Lab: BNW

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

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = Control | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 62.5 PPM | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 125 PPM | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 250 PPM | | | |
| 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)

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Test Type: 14-DAY

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Species/Strain: Rat/F344/N Tac

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: n-Butyl glycidyl ether

CAS Number: 2426-08-6

Date Report Requested: 10/21/2014

Time Report Requested: 04:47:15

First Dose M/F: NA / NA

Lab: BNW

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

DOSE = 500 PPM

TOTAL 5

UNCENSORED DEATHS 3

CENSORED DEATHS 0

TERMINAL 2

UNCENSORED DEATH DAYS

5 12 12

CENSORED DEATH DAYS

none

DOSE = 1000 PPM

TOTAL 5

UNCENSORED DEATHS 5

CENSORED DEATHS 0

TERMINAL 0

UNCENSORED DEATH DAYS

3 3 3 3 4

CENSORED DEATH DAYS

none

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

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First Dose M/F: NA / NA

Lab: BNW

Female RAT
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) |
| Control | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 62.5 PPM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 125 PPM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 250 PPM | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 PPM | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| 1000 PPM | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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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: BNW

Female RAT
FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

| DOSE | Control | 62.5 PPM | 125 PPM | 250 PPM |
|---|---------|----------|---------|---------|
| 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) |

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First Dose M/F: NA / NA

Lab: BNW

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

SURVIVAL SUMMARY STATISTICS

| DOSE | 500 PPM | 1000 PPM |
|---|----------------|-----------------|
| SURVIVAL AT END OF STUDY (KAPLAN-MEIER) | 40.0% | 0.0% |
| SIGNIFICANCE (B) (LIFE TABLE) | P=0.179 | P=0.009 |
| MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR) | 9.7 (2.3) | 3.2 (0.2) |
| MEAN LIFE SPAN (D) (STANDARD ERROR) | 12.6 (2.2) | 3.2 (0.2) |

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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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Lab: BNW

**** END OF REPORT ****

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