

Experiment Number: 99024-01
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/20/2014
Time Report Requested: 07:51:33
First Dose M/F: NA / NA
Lab: BAT

| | |
|-----------------------------|--------------|
| C Number: | C99024 |
| Lock Date: | Not Entered. |
| 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: BAT

Male RAT
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 | | | |

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 1 MG/KG | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 5 MG/KG | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 10 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)

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Lab: BAT

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

DOSE = 20 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 50 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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Lab: BAT

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) |
| 0 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 5 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 20 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 50 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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(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: BAT

Male RAT
 FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

| DOSE | 0 MG/KG | 1 MG/KG | 5 MG/KG | 10 MG/KG |
|-----------------------------------------------------------|---------------|---------------|---------------|---------------|
| 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) | 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)

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Route: GAVAGE
Species/Strain: Rat/F 344/N

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Time Report Requested: 07:51:33
First Dose M/F: NA / NA
Lab: BAT

Male RAT
FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

| DOSE | 20 MG/KG | 50 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) | 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".

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Date Report Requested: 10/20/2014
Time Report Requested: 07:51:33
First Dose M/F: NA / NA
Lab: BAT

Female RAT
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 | | | |

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 1 MG/KG | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 5 MG/KG | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

| | | | |
|------------------------------|---------------------|-------------------|------------|
| DOSE = 10 MG/KG | | | |
| TOTAL 5 | UNCENSORED DEATHS 0 | CENSORED DEATHS 0 | TERMINAL 5 |
| UNCENSORED DEATH DAYS | | | |
| none | | | |
| CENSORED DEATH DAYS | | | |
| none | | | |

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

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

DOSE = 20 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 50 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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

Female RAT
FIRST TERMINAL SACRIFICE AT 17 DAYS

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| 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 |
| 1 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 5 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 20 MG/KG | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 50 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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Female RAT
FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

| DOSE | 0 MG/KG | 1 MG/KG | 5 MG/KG | 10 MG/KG |
|-----------------------------------------------------------|----------------|----------------|----------------|-----------------|
| 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) | 17.0 (0.0) | 17.0 (0.0) | 17.0 (0.0) | 17.0 (0.0) |

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Female RAT
FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

| DOSE | 20 MG/KG | 50 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) | . (.) | . (.) |
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Lab: BAT

**** END OF REPORT ****

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