

Experiment Number: 99037-01
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: alpha/beta Thujone mixture
CAS Number: 76231-76-0

Date Report Requested: 10/22/2014
Time Report Requested: 20:55:30
First Dose M/F: NA / NA
Lab: MBA

C Number: C99037
Lock Date: 01/24/2002
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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First Dose M/F: NA / NA

Lab: MBA

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

DOSE = VEHICLE CONTROL

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 1.0 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 3.0 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 10.0 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: MBA

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

DOSE = 30.0 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 100 MG/KG

TOTAL 5 UNCENSORED DEATHS 1 CENSORED DEATHS 0 TERMINAL 4

UNCENSORED DEATH DAYS

10

CENSORED DEATH DAYS

none

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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)
VEHICLE CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1.0 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3.0 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10.0 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100 MG/KG	100.0	100.0	100.0	100.0	80.0	80.0	80.0	80.0	80.0	80.0

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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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Lab: MBA

Male RAT
 FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.248	-----	-----	-----
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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Lab: MBA

Male RAT
FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	30.0 MG/KG	100 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)	. (.)	10.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	17.0 (0.0)	15.6 (1.4)

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Species/Strain: Rat/F 344/N

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First Dose M/F: NA / NA

Lab: MBA

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

DOSE = VEHICLE CONTROL

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 1.0 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 3.0 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 10.0 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: MBA

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

DOSE = 30.0 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 100 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	2	4	6	8	10	12	14	16	18	17(A)
VEHICLE CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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3.0 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10.0 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100 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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SURVIVAL SUMMARY STATISTICS

DOSE	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 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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Lab: MBA

Female RAT
FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	30.0 MG/KG	100 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)

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