

Experiment Number: 95011-01
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/16/2014
Time Report Requested: 17:14:14
First Dose M/F: NA / NA
Lab: BAT

C Number:	C95011
Lock Date:	11/10/1997
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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Male RAT
FIRST TERMINAL SACRIFICE AT 22 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 = 94 MG/KG			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 188 MG/KG			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 375 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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Male RAT
FIRST TERMINAL SACRIFICE AT 22 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 750 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 1500 MG/KG

TOTAL 5 UNCENSORED DEATHS 1 CENSORED DEATHS 0 TERMINAL 4

UNCENSORED DEATH DAYS

6

CENSORED DEATH DAYS

none

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Lab: BAT

Male RAT
FIRST TERMINAL SACRIFICE AT 22 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	3	6	9	12	15	18	21	24	27	22(A)
0 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
188 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
375 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
750 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500 MG/KG	100.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0

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Lab: BAT

Male RAT
FIRST TERMINAL SACRIFICE AT 22 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 MG/KG	94 MG/KG	188 MG/KG	375 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)	22.0 (0.0)	22.0 (0.0)	22.0 (0.0)	22.0 (0.0)

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Lab: BAT

Male RAT
FIRST TERMINAL SACRIFICE AT 22 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	750 MG/KG	1500 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)	. (.)	6.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	22.0 (0.0)	18.8 (3.2)

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

Female RAT
FIRST TERMINAL SACRIFICE AT 22 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 = 94 MG/KG			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 188 MG/KG			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 375 MG/KG			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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Female RAT
FIRST TERMINAL SACRIFICE AT 22 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 750 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 1500 MG/KG

TOTAL 5 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 5

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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375 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
750 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500 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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SIGNIFICANCE (B) (LIFE TABLE)	-----	-----
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