

Experiment Number: 93023-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: 2,4-Hexadienal
CAS Number: 142-83-6

Date Report Requested: 10/21/2014
Time Report Requested: 18:35:27
First Dose M/F: NA / NA
Lab: SRI

C Number:	C93023B
Lock Date:	07/30/1997
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 MOUSE
FIRST TERMINAL SACRIFICE AT 94 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0	MG/KG/DY	UNCENSORED DEATHS	CENSORED DEATHS	TERMINAL
TOTAL	10	0	2	8
UNCENSORED DEATH DAYS				
none				
CENSORED DEATH DAYS				
6	85			
DOSE = 7.5	MG/KG/DY	UNCENSORED DEATHS	CENSORED DEATHS	TERMINAL
TOTAL	10	0	0	10
UNCENSORED DEATH DAYS				
none				
CENSORED DEATH DAYS				
none				
DOSE = 15	MG/KG/DY	UNCENSORED DEATHS	CENSORED DEATHS	TERMINAL
TOTAL	10	0	0	10
UNCENSORED DEATH DAYS				
none				
CENSORED DEATH DAYS				
none				
DOSE = 30	MG/KG/DY	UNCENSORED DEATHS	CENSORED DEATHS	TERMINAL
TOTAL	10	0	0	10
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 MOUSE
FIRST TERMINAL SACRIFICE AT 94 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 60 MG/KG/DY

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 1 TERMINAL 9

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

4

DOSE = 120 MG/KG/DY

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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Male MOUSE
FIRST TERMINAL SACRIFICE AT 94 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	94(A)
0 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7.5 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
120 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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Male MOUSE
FIRST TERMINAL SACRIFICE AT 94 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 MG/KG/DY	7.5 MG/KG/DY	15 MG/KG/DY	30 MG/KG/DY
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)	84.3 (8.7)	94.0 (0.0)	94.0 (0.0)	94.0 (0.0)

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Lab: SRI

Male MOUSE
FIRST TERMINAL SACRIFICE AT 94 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	60 MG/KG/DY	120 MG/KG/DY
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)	85.0 (9.0)	94.0 (0.0)

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Female MOUSE
FIRST TERMINAL SACRIFICE AT 94 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0	MG/KG/DY				
TOTAL	10	UNCENSORED DEATHS	0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS					
none					
CENSORED DEATH DAYS					
none					

DOSE = 7.5	MG/KG/DY				
TOTAL	10	UNCENSORED DEATHS	0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS					
none					
CENSORED DEATH DAYS					
none					

DOSE = 15	MG/KG/DY				
TOTAL	10	UNCENSORED DEATHS	0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS					
none					
CENSORED DEATH DAYS					
none					

DOSE = 30	MG/KG/DY				
TOTAL	10	UNCENSORED DEATHS	0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS					
none					
CENSORED DEATH DAYS					
none					

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Female MOUSE
FIRST TERMINAL SACRIFICE AT 94 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 60 MG/KG/DY

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 120 MG/KG/DY

TOTAL 10 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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0 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7.5 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
120 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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DOSE	0 MG/KG/DY	7.5 MG/KG/DY	15 MG/KG/DY	30 MG/KG/DY
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)	94.0 (0.0)	94.0 (0.0)	94.0 (0.0)	94.0 (0.0)

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DOSE	60 MG/KG/DY	120 MG/KG/DY
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)	94.0 (0.0)	94.0 (0.0)

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