

**Experiment Number:** 93023-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 00:53:12  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>C Number:</b>	C93023B
<b>Lock Date:</b>	07/30/1997
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

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Date Report Requested: 10/16/2014  
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First Dose M/F: NA / NA  
Lab: SRI

Male RAT  
FIRST TERMINAL SACRIFICE AT 94 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

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

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

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

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

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(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:** SRI

**Male RAT**  
**FIRST TERMINAL SACRIFICE AT 94 DAYS**  
**INDIVIDUAL SURVIVAL TIMES (DAYS)**

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<b>DOSE = 60</b>	<b>MG/KG/DY</b>				
TOTAL	10	UNCENSORED DEATHS	0	CENSORED DEATHS 0	TERMINAL 10
<b>UNCENSORED DEATH DAYS</b>					
none					
<b>CENSORED DEATH DAYS</b>					
none					

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<b>DOSE = 120</b>	<b>MG/KG/DY</b>				
TOTAL	10	UNCENSORED DEATHS	0	CENSORED DEATHS 0	TERMINAL 10
<b>UNCENSORED DEATH DAYS</b>					
none					
<b>CENSORED DEATH DAYS</b>					
none					

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

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 00:53:12  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**Male RAT**  
**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)
<b>0 MG/KG/DY</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>7.5 MG/KG/DY</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>15 MG/KG/DY</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>30 MG/KG/DY</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>60 MG/KG/DY</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>120 MG/KG/DY</b>	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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**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** 2,4-Hexadienal  
**CAS Number:** 142-83-6

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 00:53:12  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**Male RAT**  
**FIRST TERMINAL SACRIFICE AT 94 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>0 MG/KG/DY</b>	<b>7.5 MG/KG/DY</b>	<b>15 MG/KG/DY</b>	<b>30 MG/KG/DY</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	94.0 (0.0)	94.0 (0.0)	94.0 (0.0)	94.0 (0.0)

(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)

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

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

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 00:53:12  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**Male RAT**  
**FIRST TERMINAL SACRIFICE AT 94 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>60 MG/KG/DY</b>	<b>120 MG/KG/DY</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	. (.)	. (.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	94.0 (0.0)	94.0 (0.0)

(A) FIRST TERMINAL SACRIFICE

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**Route:** GAVAGE  
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**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** 2,4-Hexadienal  
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**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 00:53:12  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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

DOSE = 0	MG/KG/DY	UNCENSORED DEATHS	CENSORED DEATHS	TERMINAL
TOTAL	10	0	0	10
<b>UNCENSORED DEATH DAYS</b>				
none				
<b>CENSORED DEATH DAYS</b>				
none				
DOSE = 7.5	MG/KG/DY	UNCENSORED DEATHS	CENSORED DEATHS	TERMINAL
TOTAL	10	0	0	10
<b>UNCENSORED DEATH DAYS</b>				
none				
<b>CENSORED DEATH DAYS</b>				
none				
DOSE = 15	MG/KG/DY	UNCENSORED DEATHS	CENSORED DEATHS	TERMINAL
TOTAL	10	0	0	10
<b>UNCENSORED DEATH DAYS</b>				
none				
<b>CENSORED DEATH DAYS</b>				
none				
DOSE = 30	MG/KG/DY	UNCENSORED DEATHS	CENSORED DEATHS	TERMINAL
TOTAL	10	0	0	10
<b>UNCENSORED DEATH DAYS</b>				
none				
<b>CENSORED DEATH DAYS</b>				
none				

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**First Dose M/F:** NA / NA  
**Lab:** SRI

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

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<b>DOSE = 60 MG/KG/DY</b>			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			

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<b>DOSE = 120 MG/KG/DY</b>			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			

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**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)	
<b>0 MG/KG/DY</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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<b>15 MG/KG/DY</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>30 MG/KG/DY</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>60 MG/KG/DY</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>120 MG/KG/DY</b>	100.0	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 94 DAYS**

**SURVIVAL SUMMARY STATISTICS**

DOSE	0 MG/KG/DY	7.5 MG/KG/DY	15 MG/KG/DY	30 MG/KG/DY
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	94.0 (0.0)	94.0 (0.0)	94.0 (0.0)	94.0 (0.0)

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**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>60 MG/KG/DY</b>	<b>120 MG/KG/DY</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	. (.)	. (.)
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**\*\* END OF REPORT \*\***

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