

**Experiment Number:** 88105-01  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

**Test Compound:** Isoeugenol  
**CAS Number:** 97-54-1

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 02:35:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C88105
<b>Lock Date:</b>	03/01/2002
<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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First Dose M/F: NA / NA

Lab: BAT

Male RAT  
FIRST TERMINAL SACRIFICE AT 93 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

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**DOSE = 0 MG/KG**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 37.5 MG/KG**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 75 MG/KG**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 150 MG/KG**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 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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**First Dose M/F:** NA / NA  
**Lab:** BAT

**Male RAT**  
**FIRST TERMINAL SACRIFICE AT 93 DAYS**  
**INDIVIDUAL SURVIVAL TIMES (DAYS)**

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**DOSE = 300 MG/KG**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 600 MG/KG**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 1                      TERMINAL 9

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

26

(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

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** Isoeugenol  
**CAS Number:** 97-54-1

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

**Male RAT**  
**FIRST TERMINAL SACRIFICE AT 93 DAYS**

**KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)**

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	93(A)
<b>0 MG/KG</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>37.5 MG/KG</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>75 MG/KG</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>150 MG/KG</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>300 MG/KG</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>600 MG/KG</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(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)

**Experiment Number:** 88105-01  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** Isoeugenol  
**CAS Number:** 97-54-1

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 02:35:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**Male RAT**  
**FIRST TERMINAL SACRIFICE AT 93 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>0 MG/KG</b>	<b>37.5 MG/KG</b>	<b>75 MG/KG</b>	<b>150 MG/KG</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)	93.0 (0.0)	93.0 (0.0)	93.0 (0.0)	93.0 (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)

**Experiment Number:** 88105-01  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** Isoeugenol  
**CAS Number:** 97-54-1

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 02:35:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**Male RAT**  
**FIRST TERMINAL SACRIFICE AT 93 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>300 MG/KG</b>	<b>600 MG/KG</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)	93.0 (0.0)	86.3 (6.7)

(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)

**Experiment Number:** 88105-01  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** Isoeugenol  
**CAS Number:** 97-54-1

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 02:35:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**Female RAT**  
**FIRST TERMINAL SACRIFICE AT 93 DAYS**  
**INDIVIDUAL SURVIVAL TIMES (DAYS)**

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<b>DOSE = 0 MG/KG</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 = 37.5 MG/KG</b>			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 1	TERMINAL 9
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
17			

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<b>DOSE = 75 MG/KG</b>			
TOTAL 10	UNCENSORED DEATHS 1	CENSORED DEATHS 0	TERMINAL 9
<b>UNCENSORED DEATH DAYS</b>			
91			
<b>CENSORED DEATH DAYS</b>			
none			

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<b>DOSE = 150 MG/KG</b>			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
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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**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** Isoeugenol  
**CAS Number:** 97-54-1

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 02:35:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**Female RAT**  
**FIRST TERMINAL SACRIFICE AT 93 DAYS**  
**INDIVIDUAL SURVIVAL TIMES (DAYS)**

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**DOSE = 300 MG/KG**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 600 MG/KG**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

(A) FIRST TERMINAL SACRIFICE

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(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)



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

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**Lab:** BAT

**Female RAT**  
**FIRST TERMINAL SACRIFICE AT 93 DAYS**

**KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)**

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	93(A)
<b>0 MG/KG</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>37.5 MG/KG</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>75 MG/KG</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0
<b>150 MG/KG</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>300 MG/KG</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>600 MG/KG</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(A) FIRST TERMINAL SACRIFICE

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

Female RAT  
 FIRST TERMINAL SACRIFICE AT 93 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	90.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=1.000N	-----	P=1.000	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	.	.	91.0	.
	(.)	(.)	(.)	(.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	93.0	85.4	92.8	93.0
	(0.0)	(7.6)	(0.2)	(0.0)

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**Lab:** BAT

**Female RAT**  
**FIRST TERMINAL SACRIFICE AT 93 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>300 MG/KG</b>	<b>600 MG/KG</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)	93.0 (0.0)	93.0 (0.0)

(A) FIRST TERMINAL SACRIFICE

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**\*\* END OF REPORT \*\***

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