

**Experiment Number:** 99930-96  
**Test Type:** SPECIAL STUDY  
**Route:** DOSED FEED  
**Species/Strain:** Rat/CD

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** Endocrine disruptor (Genistein)  
**CAS Number:** 446-72-0

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 04:26:28  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

<b>C Number:</b>	MG96005
<b>Lock Date:</b>	Not Entered.
<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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**Male RAT**  
**FIRST TERMINAL SACRIFICE AT 159 DAYS**  
**INDIVIDUAL SURVIVAL TIMES (DAYS)**

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<b>DOSE = F3 0 PPM</b>			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			

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<b>DOSE = F3/5PPM TO CTL</b>			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			

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<b>DOSE = F3/100PPM TO CTL</b>			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			

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<b>DOSE = F3/500PPM TO CTL</b>			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
<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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**Male RAT**  
**FIRST TERMINAL SACRIFICE AT 159 DAYS**

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

DOSE	TIME (DAYS)									
	16	32	48	64	80	96	112	128	144	159(A)
<b>F3 0 PPM</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>F3/5PPM TO CTL</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>F3/100PPM TO CTL</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>F3/500PPM TO CTL</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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Male RAT  
 FIRST TERMINAL SACRIFICE AT 159 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	F3 0 PPM	F3/5PPM TO CTL	F3/100PPM TO CTL	F3/500PPM TO CTL
<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)	159.0 (0.0)	159.0 (0.0)	159.0 (0.0)	159.0 (0.0)

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

Female RAT  
FIRST TERMINAL SACRIFICE AT 159 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

---

DOSE = F3 0 PPM

TOTAL 25                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 25

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

---

DOSE = F3/5PPM TO CTL

TOTAL 25                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 25

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

---

DOSE = F3/100PPM TO CTL

TOTAL 25                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 25

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

---

DOSE = F3/500PPM TO CTL

TOTAL 25                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 25

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

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<b>F3/100PPM TO CTL</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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SURVIVAL SUMMARY STATISTICS

DOSE	F3 0 PPM	F3/5PPM TO CTL	F3/100PPM TO CTL	F3/500PPM TO CTL
<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)	. (.)	. (.)	. (.)	. (.)
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**\*\* END OF REPORT \*\***

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