

Experiment Number: 99930-97
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: 10/17/2014
Time Report Requested: 12:40:50
First Dose M/F: NA / NA
Lab: NCTR

C Number:	MG96005
Lock Date:	Not Entered.
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 159 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = F2 0 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = F2 5 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = F2 100 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = F2 500 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
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 TERMINAL SACRIFICE AT 159 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	16	32	48	64	80	96	112	128	144	159(A)
F2 0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F2 5 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F2 100 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F2 500 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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FIRST TERMINAL SACRIFICE AT 159 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	F2 0 PPM	F2 5 PPM	F2 100 PPM	F2 500 PPM
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)	159.0 (0.0)	159.0 (0.0)	159.0 (0.0)	159.0 (0.0)

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INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = F2 0 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = F2 5 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = F2 100 PPM			
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UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = F2 500 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
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F2 100 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F2 500 PPM	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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