

Experiment Number: 99930-99
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: 10/22/2014
Time Report Requested: 14:11:47
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

Experiment Number: 99930-99

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: 10/22/2014

Time Report Requested: 14:11:47

First Dose M/F: NA / NA

Lab: NCTR

Male RAT
FIRST TERMINAL SACRIFICE AT 139 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = F0 0 PPM			
TOTAL 25	UNCENSORED DEATHS 1	CENSORED DEATHS 0	TERMINAL 24
UNCENSORED DEATH DAYS			
81			
CENSORED DEATH DAYS			
none			
DOSE = F0 5 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = F0 100 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = F0 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)

Experiment Number: 99930-99
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: 10/22/2014
Time Report Requested: 14:11:47
First Dose M/F: NA / NA
Lab: NCTR

Male RAT
 FIRST TERMINAL SACRIFICE AT 139 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	14	28	42	56	70	84	98	112	126	139(A)
F0 0 PPM	100.0	100.0	100.0	100.0	100.0	96.0	96.0	96.0	96.0	96.0
F0 5 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F0 100 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F0 500 PPM	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: 99930-99
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: 10/22/2014
Time Report Requested: 14:11:47
First Dose M/F: NA / NA
Lab: NCTR

Male RAT
FIRST TERMINAL SACRIFICE AT 139 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	F0 0 PPM	F0 5 PPM	F0 100 PPM	F0 500 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	96.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=1.000N	P=1.000N	P=1.000N	P=1.000N
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	81.0 (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	136.7 (2.3)	139.0 (0.0)	139.0 (0.0)	139.0 (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: 99930-99
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: 10/22/2014
Time Report Requested: 14:11:47
First Dose M/F: NA / NA
Lab: NCTR

Female RAT
FIRST TERMINAL SACRIFICE AT 139 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = F0 0 PPM

TOTAL 26 UNCENSORED DEATHS 1 CENSORED DEATHS 0 TERMINAL 25

UNCENSORED DEATH DAYS

98

CENSORED DEATH DAYS

none

DOSE = F0 5 PPM

TOTAL 25 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 25

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = F0 100 PPM

TOTAL 26 UNCENSORED DEATHS 1 CENSORED DEATHS 0 TERMINAL 25

UNCENSORED DEATH DAYS

94

CENSORED DEATH DAYS

none

DOSE = F0 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)

Experiment Number: 99930-99
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: 10/22/2014
Time Report Requested: 14:11:47
First Dose M/F: NA / NA
Lab: NCTR

Female RAT
FIRST TERMINAL SACRIFICE AT 139 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	14	28	42	56	70	84	98	112	126	139(A)
F0 0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	96.2	96.2	96.2	96.2
F0 5 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F0 100 PPM	100.0	100.0	100.0	100.0	100.0	100.0	96.2	96.2	96.2	96.2
F0 500 PPM	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: 99930-99
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: 10/22/2014
Time Report Requested: 14:11:47
First Dose M/F: NA / NA
Lab: NCTR

Female RAT
FIRST TERMINAL SACRIFICE AT 139 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	F0 0 PPM	F0 5 PPM	F0 100 PPM	F0 500 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	96.2%	100.0%	96.2%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=1.000N	P=1.000N	P=1.000	P=1.000N
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	98.0 (.)	. (.)	94.0 (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	137.4 (1.6)	139.0 (0.0)	137.3 (1.7)	139.0 (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: 99930-99

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: 10/22/2014

Time Report Requested: 14:11:47

First Dose M/F: NA / NA

Lab: NCTR

**** END OF REPORT ****

(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)