

Experiment Number: 99930-91
Test Type: MULTIGEN CHRONIC
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: 10/23/2014
Time Report Requested: 03:10:41
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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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 = F1 0 PPM			
TOTAL 26	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 26
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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

DOSE = F3 0 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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Lab: NCTR

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

DOSE = F4 0 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = F4/5PPM TO CTL			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = F4/100PPM TO CTL			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = F4/500PPM TO CTL			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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Lab: NCTR

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INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = F0 5 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = F1 5 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 = F3/5PPM TO CTL			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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Lab: NCTR

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

DOSE = F0 100 PPM

TOTAL 25 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 25

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = F1 100 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 = F3/100PPM TO CTL

TOTAL 25 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 25

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

(A) FIRST TERMINAL SACRIFICE

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Species/Strain: Rat/CD

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

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

DOSE = F0 500 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = F1 500 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			
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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First Dose M/F: NA / NA
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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
F1 0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F2 0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F3 0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F4 0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F4/5PPM TO CTL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F4/100PPM TO CTL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F4/500PPM TO CTL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F0 5 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F1 5 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
F3/5PPM TO CTL	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
F1 100 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
F3/100PPM TO CTL	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
F1 500 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
F3/500PPM TO CTL	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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(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

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

Male RAT
 FIRST TERMINAL SACRIFICE AT 139 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	F0 0 PPM	F1 0 PPM	F2 0 PPM	F3 0 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	96.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	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)

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Time Report Requested: 03:10:41
First Dose M/F: NA / NA
Lab: NCTR

Male RAT
 FIRST TERMINAL SACRIFICE AT 139 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	F4 0 PPM	F4/5PPM TO CTL	F4/100PPM TO CTL	F4/500PPM TO CTL
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)	139.0 (0.0)	139.0 (0.0)	139.0 (0.0)	139.0 (0.0)

(A) FIRST TERMINAL SACRIFICE

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Lab: NCTR

Male RAT
 FIRST TERMINAL SACRIFICE AT 139 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	F0 5 PPM	F1 5 PPM	F2 5 PPM	F3/5PPM TO CTL
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	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)
MEAN LIFE SPAN (D) (STANDARD ERROR)	139.0 (0.0)	139.0 (0.0)	139.0 (0.0)	139.0 (0.0)

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Male RAT
 FIRST TERMINAL SACRIFICE AT 139 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	F0 100 PPM	F1 100 PPM	F2 100 PPM	F3/100PPM TO CTL
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	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)	.	.	.	.
MEAN LIFE SPAN (D) (STANDARD ERROR)	139.0 (0.0)	139.0 (0.0)	139.0 (0.0)	139.0 (0.0)

(A) FIRST TERMINAL SACRIFICE

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Male RAT
 FIRST TERMINAL SACRIFICE AT 139 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	F0 500 PPM	F1 500 PPM	F2 500 PPM	F3/500PPM TO CTL
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	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)
MEAN LIFE SPAN (D) (STANDARD ERROR)	139.0 (0.0)	139.0 (0.0)	139.0 (0.0)	139.0 (0.0)

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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 = F1 0 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 24
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = F2 0 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = F3 0 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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Lab: NCTR

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

DOSE = F4 0 PPM			
TOTAL 26	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = F4/5PPM TO CTL			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = F4/100PPM TO CTL			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = F4/500PPM TO CTL			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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Lab: NCTR

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

DOSE = F0 5 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = F1 5 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = F2 5 PPM			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = F3/5PPM TO CTL			
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: 99930-91
Test Type: MULTIGEN CHRONIC
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: 10/23/2014
Time Report Requested: 03:10:41
First Dose M/F: NA / NA
Lab: NCTR

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

DOSE = F0 100 PPM			
TOTAL 26	UNCENSORED DEATHS 1	CENSORED DEATHS 0	TERMINAL 25
UNCENSORED DEATH DAYS			
94			
CENSORED DEATH DAYS			
none			
DOSE = F1 100 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 = F3/100PPM TO CTL			
TOTAL 25	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 25
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)

Experiment Number: 99930-91
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Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/23/2014
Time Report Requested: 03:10:41
First Dose M/F: NA / NA
Lab: NCTR

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

DOSE = F0 500 PPM

TOTAL 25 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 25

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = F1 500 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

DOSE = F3/500PPM TO CTL

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".

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Experiment Number: 99930-91
Test Type: MULTIGEN CHRONIC
Route: DOSED FEED
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CAS Number: 446-72-0

Date Report Requested: 10/23/2014
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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
F1 0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F2 0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F3 0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F4 0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F4/5PPM TO CTL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F4/100PPM TO CTL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F4/500PPM TO CTL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F0 5 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F1 5 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
F3/5PPM TO CTL	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
F1 100 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
F3/100PPM TO CTL	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
F1 500 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
F3/500PPM TO CTL	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: 99930-91
Test Type: MULTIGEN CHRONIC
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: 10/23/2014
Time Report Requested: 03:10:41
First Dose M/F: NA / NA
Lab: NCTR

Female RAT
 FIRST TERMINAL SACRIFICE AT 139 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	F0 0 PPM	F1 0 PPM	F2 0 PPM	F3 0 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	96.2%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=1.000N	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	98.0 (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	137.4 (1.6)	139.0 (0.0)	139.0 (0.0)	139.0 (0.0)

(A) FIRST TERMINAL SACRIFICE

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Experiment Number: 99930-91
Test Type: MULTIGEN CHRONIC
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: 10/23/2014
Time Report Requested: 03:10:41
First Dose M/F: NA / NA
Lab: NCTR

Female RAT
 FIRST TERMINAL SACRIFICE AT 139 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	F4 0 PPM	F4/5PPM TO CTL	F4/100PPM TO CTL	F4/500PPM TO CTL
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)	139.0 (0.0)	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".

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Experiment Number: 99930-91
Test Type: MULTIGEN CHRONIC
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Species/Strain: Rat/CD

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Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/23/2014
Time Report Requested: 03:10:41
First Dose M/F: NA / NA
Lab: NCTR

Female RAT
 FIRST TERMINAL SACRIFICE AT 139 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	F0 5 PPM	F1 5 PPM	F2 5 PPM	F3/5PPM TO CTL
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	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)	.	.	.	.
MEAN LIFE SPAN (D) (STANDARD ERROR)	139.0 (0.0)	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".

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Test Compound: Endocrine disruptor (Genistein)
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Date Report Requested: 10/23/2014
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First Dose M/F: NA / NA
Lab: NCTR

Female RAT
FIRST TERMINAL SACRIFICE AT 139 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	F0 100 PPM	F1 100 PPM	F2 100 PPM	F3/100PPM TO CTL
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	96.2%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=1.000	P=1.000N	P=1.000N	P=1.000N
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	94.0 (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	137.3 (1.7)	139.0 (0.0)	139.0 (0.0)	139.0 (0.0)

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Species/Strain: Rat/CD

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Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/23/2014
Time Report Requested: 03:10:41
First Dose M/F: NA / NA
Lab: NCTR

Female RAT
FIRST TERMINAL SACRIFICE AT 139 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	F0 500 PPM	F1 500 PPM	F2 500 PPM	F3/500PPM TO CTL
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	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)	.	.	.	.
MEAN LIFE SPAN (D) (STANDARD ERROR)	139.0 (0.0)	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".

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Lab: NCTR

**** END OF REPORT ****

(A) FIRST TERMINAL SACRIFICE

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