

Experiment Number: 05218-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/22/2014

Time Report Requested: 06:47:48

First Dose M/F: NA / NA

Lab: LITRI

C Number:	C62066
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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First Dose M/F: NA / NA

Lab: LITRI

Male RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0.0MG/M3BASIC M													
TOTAL 10			UNCENSORED DEATHS 0				CENSORED DEATHS 0				TERMINAL 10		
UNCENSORED DEATH DAYS													
none													
CENSORED DEATH DAYS													
none													
DOSE = 0.0MG/M3SPECIALM													
TOTAL 35			UNCENSORED DEATHS 0				CENSORED DEATHS 20				TERMINAL 15		
UNCENSORED DEATH DAYS													
none													
CENSORED DEATH DAYS													
31	31	31	31	31	32	32	32	32	32	32	32	32	32
32	59	59	59	59	59								
DOSE = 3.0MG/M3BASIC M													
TOTAL 10			UNCENSORED DEATHS 0				CENSORED DEATHS 0				TERMINAL 10		
UNCENSORED DEATH DAYS													
none													
CENSORED DEATH DAYS													
none													
DOSE = 3.0MG/M3SPECIALM													
TOTAL 35			UNCENSORED DEATHS 0				CENSORED DEATHS 20				TERMINAL 15		
UNCENSORED DEATH DAYS													
none													
CENSORED DEATH DAYS													
6	31	31	31	31	31	32	32	32	32	32	32	32	32
32	59	59	59	59	59								

(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: LITRI

Male RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 10.MG/M3BASIC M													
TOTAL 10			UNCENSORED DEATHS 0				CENSORED DEATHS 0				TERMINAL 10		
UNCENSORED DEATH DAYS													
none													
CENSORED DEATH DAYS													
none													
DOSE = 10.MG/M3SPECIALM													
TOTAL 35			UNCENSORED DEATHS 0				CENSORED DEATHS 21				TERMINAL 14		
UNCENSORED DEATH DAYS													
none													
CENSORED DEATH DAYS													
30	31	31	31	31	31	32	32	32	32	32	32	32	32
32	32	59	59	59	59	59							
DOSE = 30.MG/M3BASIC M													
TOTAL 10			UNCENSORED DEATHS 0				CENSORED DEATHS 0				TERMINAL 10		
UNCENSORED DEATH DAYS													
none													
CENSORED DEATH DAYS													
none													
DOSE = 30.MG/M3SPECIALM													
TOTAL 35			UNCENSORED DEATHS 1				CENSORED DEATHS 19				TERMINAL 15		
UNCENSORED DEATH DAYS													
8													
CENSORED DEATH DAYS													
6	31	31	31	31	31	32	32	32	32	32	32	32	32
59	59	59	59	59									

(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: 05218-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

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First Dose M/F: NA / NA

Lab: LITRI

Male RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	92(A)
0.0MG/M3BASIC M	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0MG/M3SPECIALM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3.0MG/M3BASIC M	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3.0MG/M3SPECIALM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10.MG/M3BASIC M	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10.MG/M3SPECIALM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.MG/M3BASIC M	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.MG/M3SPECIALM	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

(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: 05218-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/22/2014

Time Report Requested: 06:47:48

First Dose M/F: NA / NA

Lab: LITRI

Male RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0.0MG/M3BASIC M	0.0MG/M3SPECIALM	3.0MG/M3BASIC M	3.0MG/M3SPECIALM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.424	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	92.0 (0.0)	61.4 (4.8)	92.0 (0.0)	60.7 (5.0)

(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: 05218-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/22/2014

Time Report Requested: 06:47:48

First Dose M/F: NA / NA

Lab: LITRI

Male RAT
FIRST TERMINAL SACRIFICE AT 92 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	10.MG/M3BASIC M	10.MG/M3SPECIALM	30.MG/M3BASIC M	30.MG/M3SPECIALM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	97.1%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	P=1.000
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	. (.)	8.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	92.0 (0.0)	59.7 (4.8)	92.0 (0.0)	60.0 (5.1)

(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

Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/22/2014

Time Report Requested: 06:47:48

First Dose M/F: NA / NA

Lab: LITRI

Female RAT
FIRST TERMINAL SACRIFICE AT 94 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0.0MG/M3BASIC F									
TOTAL 10		UNCENSORED DEATHS 0			CENSORED DEATHS 0			TERMINAL 10	
UNCENSORED DEATH DAYS									
none									
CENSORED DEATH DAYS									
none									
DOSE = 0.0MG/M3SPECIALF									
TOTAL 10		UNCENSORED DEATHS 0			CENSORED DEATHS 10			TERMINAL 0	
UNCENSORED DEATH DAYS									
none									
CENSORED DEATH DAYS									
6	32	32	32	32	32	32	32	32	32
DOSE = 3.0MG/M3BASIC F									
TOTAL 10		UNCENSORED DEATHS 0			CENSORED DEATHS 0			TERMINAL 10	
UNCENSORED DEATH DAYS									
none									
CENSORED DEATH DAYS									
none									
DOSE = 3.0MG/M3SPECIALF									
TOTAL 10		UNCENSORED DEATHS 0			CENSORED DEATHS 10			TERMINAL 0	
UNCENSORED DEATH DAYS									
none									
CENSORED DEATH DAYS									
32	32	32	32	32	32	32	32	32	32

(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: 05218-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/22/2014

Time Report Requested: 06:47:48

First Dose M/F: NA / NA

Lab: LITRI

Female RAT
FIRST TERMINAL SACRIFICE AT 94 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 10.MG/M3BASIC F										
TOTAL	10									
UNCENSORED DEATHS	0									
CENSORED DEATHS	0									
TERMINAL	10									
UNCENSORED DEATH DAYS										
none										
CENSORED DEATH DAYS										
none										
DOSE = 10.MG/M3SPECIALF										
TOTAL	10									
UNCENSORED DEATHS	0									
CENSORED DEATHS	10									
TERMINAL	0									
UNCENSORED DEATH DAYS										
none										
CENSORED DEATH DAYS										
32	32	32	32	32	32	32	32	32	32	32
DOSE = 30.MG/M3BASIC F										
TOTAL	10									
UNCENSORED DEATHS	0									
CENSORED DEATHS	0									
TERMINAL	10									
UNCENSORED DEATH DAYS										
none										
CENSORED DEATH DAYS										
none										
DOSE = 30.MG/M3SPECIALF										
TOTAL	10									
UNCENSORED DEATHS	0									
CENSORED DEATHS	10									
TERMINAL	0									
UNCENSORED DEATH DAYS										
none										
CENSORED DEATH DAYS										
32	32	32	32	32	32	32	32	32	32	32

(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

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First Dose M/F: NA / NA

Lab: LITRI

Female RAT
FIRST TERMINAL SACRIFICE AT 94 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	94(A)
0.0MG/M3BASIC F	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0MG/M3SPECIALF	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0MG/M3BASIC F	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3.0MG/M3SPECIALF	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.MG/M3BASIC F	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10.MG/M3SPECIALF	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.MG/M3BASIC F	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.MG/M3SPECIALF	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	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)

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First Dose M/F: NA / NA

Lab: LITRI

Female RAT
FIRST TERMINAL SACRIFICE AT 94 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0.0MG/M3BASIC F	0.0MG/M3SPECIALF	3.0MG/M3BASIC F	3.0MG/M3SPECIALF
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	0.0%	100.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	94.0 (0.0)	29.4 (2.6)	94.0 (0.0)	32.0 (0.0)

(A) FIRST TERMINAL SACRIFICE

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(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: LITRI

Female RAT
FIRST TERMINAL SACRIFICE AT 94 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	10.MG/M3BASIC F	10.MG/M3SPECIALF	30.MG/M3BASIC F	30.MG/M3SPECIALF
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	0.0%	100.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	94.0 (0.0)	32.0 (0.0)	94.0 (0.0)	32.0 (0.0)

(A) FIRST TERMINAL SACRIFICE

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First Dose M/F: NA / NA

Lab: LITRI

**** END OF REPORT ****

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(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

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