

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

Final1_Rats (GSM)

NTP Study Number:

C20105

Lock Date:

11/06/2014

Cage Range:

ALL

Date Range:

ALL

Reasons For Removal:

25021 TSAC

25020 NATD

Removal Date Range:

ALL

Treatment Groups:

Include ALL

Study Gender:

Both

TDMSE Version:

3.0.2.3_002

PWG Approval Date:

NONE

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MALE RATS

FIRST TERMINAL SACRIFICE AT 29 DAYS

INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0W/kg(GSM)PreC

TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

DOSE = 3W/kg(GSM)PreC

TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

DOSE = 6W/kg(GSM)PreC

TOTAL 11	UNCENSORED DEATHS 1	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
23			
CENSORED DEATH DAYS			
None			

DOSE = 9W/kg(GSM)PreC

TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

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MALE RATS

FIRST TERMINAL SACRIFICE AT 29 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	3	6	9	12	15	18	21	24	27	29(A)
0W/kg(GSM)PreC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3W/kg(GSM)PreC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6W/kg(GSM)PreC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.9	90.9	90.9
9W/kg(GSM)PreC	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)

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MALE RATS

FIRST TERMINAL SACRIFICE AT 29 DAYS

SURVIVAL SUMMARY STATISTICS				
DOSE	0W/kg(GSM)PreC	3W/kg(GSM)PreC	6W/kg(GSM)PreC	9W/kg(GSM)PreC
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	90.9%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=1.000	-----	P=1.000	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	(.)	(.)	23.0 (.)	(.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	29.0 (0.0)	29.0 (0.0)	28.5 (0.5)	29.0 (0.0)

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First Dose M/F: 12/09/10 / 12/09/10

Lab: IIT

FEMALE RATS

FIRST TERMINAL SACRIFICE AT 29 DAYS

INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0W/kg(GSM)PreC

TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

DOSE = 3W/kg(GSM)PreC

TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

DOSE = 6W/kg(GSM)PreC

TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

DOSE = 9W/kg(GSM)PreC

TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

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DOSE	TIME (DAYS)									
	3	6	9	12	15	18	21	24	27	29(A)
0W/kg(GSM)PreC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3W/kg(GSM)PreC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6W/kg(GSM)PreC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9W/kg(GSM)PreC	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	0W/kg(GSM)PreC	3W/kg(GSM)PreC	6W/kg(GSM)PreC	9W/kg(GSM)PreC
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)	29.0 (0.0)	29.0 (0.0)	29.0 (0.0)	29.0 (0.0)

*** END OF REPORT ***

(A) FIRST TERMINAL SACRIFICE

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