

Experiment Number: 93021-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Dicyclohexylcarbodiimide
CAS Number: 538-75-0

Date Report Requested: 10/21/2014
Time Report Requested: 16:56:25
First Dose M/F: NA / NA
Lab: MBA

C Number:	C93021
Lock Date:	05/17/1995
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 17 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0_MG/ML			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 2 MG/ML L			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 6 MG/ML			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 17_MG/ML			
TOTAL 5	UNCENSORED DEATHS 4	CENSORED DEATHS 0	TERMINAL 1
UNCENSORED DEATH DAYS			
10	11	11	11
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: MBA

Male RAT
 FIRST TERMINAL SACRIFICE AT 17 DAYS
 INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 50_MG/ML				
TOTAL	5		UNCENSORED DEATHS	5
			CENSORED DEATHS	0
			TERMINAL	0
UNCENSORED DEATH DAYS				
3	3	4	4	4
CENSORED DEATH DAYS				
none				

DOSE = 150 MG/ML				
TOTAL	5		UNCENSORED DEATHS	5
			CENSORED DEATHS	0
			TERMINAL	0
UNCENSORED DEATH DAYS				
2	2	2	2	2
CENSORED DEATH DAYS				
none				

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Male RAT
FIRST TERMINAL SACRIFICE AT 17 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	2	4	6	8	10	12	14	16	18	17(A)
0_MG/ML	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2_MG/ML L	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6_MG/ML	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
17_MG/ML	100.0	100.0	100.0	100.0	80.0	20.0	20.0	20.0	20.0	20.0
50_MG/ML	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150_MG/ML	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Male RAT
FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0_MG/ML	2 MG/ML	L	6 MG/ML	17_MG/ML
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%		100.0%	20.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.000	-----		-----	P=0.063
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	.	.		.	10.8 (0.3)
MEAN LIFE SPAN (D) (STANDARD ERROR)	17.0 (0.0)	17.0 (0.0)		17.0 (0.0)	12.0 (1.3)

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Male RAT
FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	50_MG/ML	150 MG/ML
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	0.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.015	P=0.016
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	3.6 (0.2)	2.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	3.6 (0.2)	2.0 (0.0)

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

Female RAT
FIRST TERMINAL SACRIFICE AT 17 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0_MG/ML			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 2_MG/ML			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 6_MG/ML			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 17_MG/MLMG/ML			
TOTAL 5	UNCENSORED DEATHS 5	CENSORED DEATHS 0	TERMINAL 0
UNCENSORED DEATH DAYS			
9	9	9	10 11
CENSORED DEATH DAYS			
none			

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Lab: MBA

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FIRST TERMINAL SACRIFICE AT 17 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	2	4	6	8	10	12	14	16	18	17(A)
0_MG/ML	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2_MG/ML	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6_MG/ML	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
17_MG/MLMG/ML	100.0	100.0	100.0	100.0	20.0	0.0	0.0	0.0	0.0	0.0
50_MG/ML	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150_MG/ML	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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SURVIVAL SUMMARY STATISTICS

DOSE	0_MG/ML	2_MG/ML	6_MG/ML	17_MG/MLMG/ML
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.000	-----	-----	P=0.008
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	. (.)	9.6 (0.4)
MEAN LIFE SPAN (D) (STANDARD ERROR)	17.0 (0.0)	17.0 (0.0)	17.0 (0.0)	9.6 (0.4)

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SURVIVAL SUMMARY STATISTICS

DOSE	50_MG/ML	150 MG/ML
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	0.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.016	P=0.016
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	3.0 (.)	2.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	3.0 (0.0)	2.0 (0.0)

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