

**TDMS No.** 88133 - 08  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** MICE/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

Trimethylolpropane triacrylate

**CAS Number:** 15625-89-5

**Date Report Requested:** 05/17/2010

**Time Report Requested:** 09:26:54

**First Dose M/F:** 12/13/04 / 12/13/04

**Lab:** SRI

F1\_M3

<b>C Number:</b>	C88133C		
<b>Lock Date:</b>	10/30/2007		
<b>Cage Range:</b>	ALL		
<b>Date Range:</b>	ALL		
<b>Reasons For Removal:</b>	25022 ACCK	25021 TSAC	25020 NATD
	25019 MSAC		
<b>Removal Date Range:</b>	ALL		
<b>Treatment Groups:</b>	Include ALL		
<b>Study Gender:</b>	Both		
<b>TDMSE Version:</b>	2.2.0		

TDMS No. 88133 - 08  
Test Type: CHRONIC  
Route: SKIN APPLICATION  
Species/Strain: MICE/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA  
Trimethylolpropane triacrylate  
CAS Number: 15625-89-5

Date Report Requested: 05/17/2010  
Time Report Requested: 09:26:54  
First Dose M/F: 12/13/04 / 12/13/04  
Lab: SRI

**MALE MICE**

FIRST TERMINAL SACRIFICE AT 729 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

---

**DOSE = 0 MG/KG**

TOTAL 50	UNCENSORED DEATHS 20					CENSORED DEATHS 0					TERMINAL 30			
UNCENSORED DEATH DAYS														
8	429	442	460	530	548	575	576	610	626	629	630	632	642	
645	649	655	686	690	725									
CENSORED DEATH DAYS														
None														

---

**DOSE = 0.3 MG/KG**

TOTAL 50	UNCENSORED DEATHS 15					CENSORED DEATHS 0					TERMINAL 35			
UNCENSORED DEATH DAYS														
425	442	476	556	567	568	617	626	632	633	645	648	649	670	
698														
CENSORED DEATH DAYS														
None														

---

**DOSE = 1.0 MG/KG**

TOTAL 50	UNCENSORED DEATHS 21					CENSORED DEATHS 0					TERMINAL 29			
UNCENSORED DEATH DAYS														
380	556	561	561	599	600	605	614	617	626	653	657	662	681	
681	685	692	694	698	717	722								
CENSORED DEATH DAYS														
None														

---

**DOSE = 3.0 MG/KG**

TOTAL 50	UNCENSORED DEATHS 12					CENSORED DEATHS 0					TERMINAL 38			
UNCENSORED DEATH DAYS														
479	480	570	583	588	605	622	638	649	675	701	718			
CENSORED DEATH DAYS														
None														

TDMS No. 88133 - 08  
Test Type: CHRONIC  
Route: SKIN APPLICATION  
Species/Strain: MICE/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA  
Trimethylolpropane triacrylate  
CAS Number: 15625-89-5

Date Report Requested: 05/17/2010  
Time Report Requested: 09:26:54  
First Dose M/F: 12/13/04 / 12/13/04  
Lab: SRI

**MALE MICE**  
FIRST TERMINAL SACRIFICE AT 729 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	90	180	270	365	425	485	545	605	665	729(A)
0 MG/KG	98.0	98.0	98.0	98.0	98.0	92.0	90.0	84.0	66.0	60.0
0.3 MG/KG	100.0	100.0	100.0	100.0	98.0	94.0	94.0	88.0	74.0	70.0
1.0 MG/KG	100.0	100.0	100.0	100.0	98.0	98.0	98.0	86.0	74.0	58.0
3.0 MG/KG	100.0	100.0	100.0	100.0	100.0	96.0	96.0	88.0	82.0	76.0

(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)

TDMS No. 88133 - 08  
Test Type: CHRONIC  
Route: SKIN APPLICATION  
Species/Strain: MICE/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA  
Trimethylolpropane triacrylate  
CAS Number: 15625-89-5

Date Report Requested: 05/17/2010  
Time Report Requested: 09:26:54  
First Dose M/F: 12/13/04 / 12/13/04  
Lab: SRI

**MALE MICE**

FIRST TERMINAL SACRIFICE AT 729 DAYS

SURVIVAL SUMMARY STATISTICS				
DOSE	0 MG/KG	0.3 MG/KG	1.0 MG/KG	3.0 MG/KG
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	60.0%	70.0%	58.0%	76.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=0.159N	P=0.387N	P=1.000N	P=0.118N
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	569.4 (34.7)	590.1 (21.6)	631.5 (16.9)	609.0 (21.9)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	665.1 (17.7)	687.3 (11.1)	688.0 (9.8)	700.2 (8.9)

- (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)

TDMS No. 88133 - 08  
Test Type: CHRONIC  
Route: SKIN APPLICATION  
Species/Strain: MICE/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA  
Trimethylolpropane triacrylate  
CAS Number: 15625-89-5

Date Report Requested: 05/17/2010  
Time Report Requested: 09:26:54  
First Dose M/F: 12/13/04 / 12/13/04  
Lab: SRI

**FEMALE MICE**

FIRST TERMINAL SACRIFICE AT 729 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

---

**DOSE = 0 MG/KG**

TOTAL 50                                      UNCENSORED DEATHS 11                                      CENSORED DEATHS 0                                      TERMINAL 39  
UNCENSORED DEATH DAYS  
576    579    593    618    638    647    649    662    682    708    712  
CENSORED DEATH DAYS  
None

---

**DOSE = 0.3 MG/KG**

TOTAL 50                                      UNCENSORED DEATHS 18                                      CENSORED DEATHS 1                                      TERMINAL 31  
UNCENSORED DEATH DAYS  
513    548    557    583    593    598    599    600    617    639    681    681    692    704  
708    716    717    728  
CENSORED DEATH DAYS  
10

---

**DOSE = 1.0 MG/KG**

TOTAL 50                                      UNCENSORED DEATHS 20                                      CENSORED DEATHS 0                                      TERMINAL 30  
UNCENSORED DEATH DAYS  
409    440    484    561    571    583    604    627    633    634    645    657    662    674  
681    698    698    704    708    710  
CENSORED DEATH DAYS  
None

---

**DOSE = 3.0 MG/KG**

TOTAL 50                                      UNCENSORED DEATHS 20                                      CENSORED DEATHS 0                                      TERMINAL 30  
UNCENSORED DEATH DAYS  
409    424    593    599    604    620    638    646    658    662    662    662    670    691  
694    701    702    707    714    728  
CENSORED DEATH DAYS  
None

TDMS No. 88133 - 08  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA  
 Trimethylolpropane triacrylate  
 CAS Number: 15625-89-5

Date Report Requested: 05/17/2010  
 Time Report Requested: 09:26:54  
 First Dose M/F: 12/13/04 / 12/13/04  
 Lab: SRI

**FEMALE MICE**

FIRST TERMINAL SACRIFICE AT 729 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	90	180	270	365	425	485	545	605	665	729(A)
<b>0 MG/KG</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.0	84.0	78.0
<b>0.3 MG/KG</b>	100.0	100.0	100.0	100.0	100.0	100.0	98.0	83.7	79.6	63.3
<b>1.0 MG/KG</b>	100.0	100.0	100.0	100.0	98.0	94.0	94.0	86.0	74.0	60.0
<b>3.0 MG/KG</b>	100.0	100.0	100.0	100.0	96.0	96.0	96.0	90.0	76.0	60.0

(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)

TDMS No. 88133 - 08  
Test Type: CHRONIC  
Route: SKIN APPLICATION  
Species/Strain: MICE/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA  
Trimethylolpropane triacrylate  
CAS Number: 15625-89-5

Date Report Requested: 05/17/2010  
Time Report Requested: 09:26:54  
First Dose M/F: 12/13/04 / 12/13/04  
Lab: SRI

**FEMALE MICE**

FIRST TERMINAL SACRIFICE AT 729 DAYS

SURVIVAL SUMMARY STATISTICS				
DOSE	0 MG/KG	0.3 MG/KG	1.0 MG/KG	3.0 MG/KG
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	78.0%	63.3%	60.0%	60.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=0.234	P=0.159	P=0.073	P=0.094
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	642.2 (14.3)	637.4 (15.8)	619.2 (19.8)	639.2 (19.1)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	709.9 (6.0)	681.7 (16.1)	685.1 (10.9)	693.1 (9.8)

\*\*\* 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)