

Experiment Number: 03039 - 02
Test Type: CHRONIC
Route: Dermal
Species/Strain: MICE/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Triclosan
CAS Number: 3380-34-5

Date Report Requested: 12/04/2020
Time Report Requested: 13:42:33
First Dose M/F: 09/11/13 / 09/11/13
Lab: NCTR

NTP Study Number: C03039B
Lock Date: 12/18/2017
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: 10/13/2017

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MALE MICE

FIRST TERMINAL SACRIFICE AT 726 DAYS

INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = Veh ctrlMale

TOTAL 48	UNCENSORED DEATHS 12	CENSORED DEATHS 1	TERMINAL 35
UNCENSORED DEATH DAYS			
478	482	540	560
567	604	627	654
671	702	716	717
CENSORED DEATH DAYS			
41			

DOSE = Untreat Male

TOTAL 48	UNCENSORED DEATHS 17	CENSORED DEATHS 0	TERMINAL 31
UNCENSORED DEATH DAYS			
417	506	513	532
533	545	552	576
576	610	611	624
625	664		
686	694	710	
CENSORED DEATH DAYS			
None			

DOSE = Tri 1.25Male

TOTAL 48	UNCENSORED DEATHS 18	CENSORED DEATHS 0	TERMINAL 30
UNCENSORED DEATH DAYS			
350	393	451	451
468	513	597	597
618	622	625	667
668	668	678	
688	689	689	702
CENSORED DEATH DAYS			
None			

DOSE = Tri 2.7 Male

TOTAL 48	UNCENSORED DEATHS 14	CENSORED DEATHS 0	TERMINAL 34
UNCENSORED DEATH DAYS			
407	503	540	571
583	617	650	657
672	676	685	693
716	716		
CENSORED DEATH DAYS			
None			

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MALE MICE

FIRST TERMINAL SACRIFICE AT 726 DAYS

INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = Tri 5.8 Male

TOTAL 48

UNCENSORED DEATHS 20

CENSORED DEATHS 0

TERMINAL 28

UNCENSORED DEATH DAYS

336	421	492	493	526	533	547	566	594	617	639	650	661	668
668	668	685	685	720	721								

CENSORED DEATH DAYS

None

DOSE = Tri 12.5Male

TOTAL 48

UNCENSORED DEATHS 17

CENSORED DEATHS 0

TERMINAL 31

UNCENSORED DEATH DAYS

282	430	462	469	484	503	511	533	617	625	661	668	672	692
694	699	722											

CENSORED DEATH DAYS

None

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MALE MICE

FIRST TERMINAL SACRIFICE AT 726 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	90	180	270	365	425	485	545	605	665	726(A)
Veh ctrlMale	100.0	100.0	100.0	100.0	100.0	95.7	93.6	87.2	83.0	74.5
Untreat Male	100.0	100.0	100.0	100.0	97.9	97.9	87.5	81.3	70.8	64.6
Tri 1.25Male	100.0	100.0	100.0	97.9	95.8	89.6	87.5	83.3	77.1	62.5
Tri 2.7 Male	100.0	100.0	100.0	100.0	97.9	97.9	93.8	89.6	83.3	70.8
Tri 5.8 Male	100.0	100.0	100.0	97.9	95.8	95.8	87.5	81.3	72.9	58.3
Tri 12.5Male	100.0	100.0	100.0	97.9	97.9	89.6	83.3	83.3	77.1	64.6

(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 MICE

FIRST TERMINAL SACRIFICE AT 726 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	Veh ctrlMale	Untreat Male	Tri 1.25Male	Tri 2.7 Male
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	74.5%	64.6%	62.5%	70.8%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.527	----	P=0.259	P=0.876
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	609.8 (24.6)	586.7 (18.8)	581.4 (26.8)	620.4 (24.1)
MEAN LIFE SPAN (D) (STANDARD ERROR)	682.7 (16.6)	676.7 (11.7)	671.8 (14.2)	695.2 (9.8)

DOSE	Tri 5.8 Male	Tri 12.5Male
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	58.3%	64.6%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.138	P=0.353
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	594.5 (23.1)	572.0 (30.0)
MEAN LIFE SPAN (D) (STANDARD ERROR)	671.2 (13.4)	671.5 (15.0)

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

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Lab: NCTR

FEMALE MICE

FIRST TERMINAL SACRIFICE AT 726 DAYS

INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = Veh ctrlFemale

TOTAL 48	UNCENSORED DEATHS 13	CENSORED DEATHS 0	TERMINAL 35
UNCENSORED DEATH DAYS			
343	538	590	596
604	604	604	629
643	668	695	695
714			
CENSORED DEATH DAYS			
None			

DOSE = Untreat Female

TOTAL 48	UNCENSORED DEATHS 15	CENSORED DEATHS 0	TERMINAL 33
UNCENSORED DEATH DAYS			
477	483	504	533
569	581	609	650
671	672	679	688
699	700		
723			
CENSORED DEATH DAYS			
None			

DOSE = Tri 1.25Female

TOTAL 48	UNCENSORED DEATHS 19	CENSORED DEATHS 0	TERMINAL 29
UNCENSORED DEATH DAYS			
254	493	510	525
533	535	580	583
618	629	632	657
659	668		
671	679	682	702
721			
CENSORED DEATH DAYS			
None			

DOSE = Tri 2.7 Female

TOTAL 48	UNCENSORED DEATHS 17	CENSORED DEATHS 0	TERMINAL 31
UNCENSORED DEATH DAYS			
448	503	535	535
621	639	650	657
660	664	668	671
672	672	672	672
695	696	709	
CENSORED DEATH DAYS			
None			

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Lab: NCTR

FEMALE MICE

FIRST TERMINAL SACRIFICE AT **726** DAYS

INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = Tri 5.8 Female

TOTAL 48

UNCENSORED DEATHS 11

CENSORED DEATHS 0

TERMINAL 37

UNCENSORED DEATH DAYS

5 426 482 484 499 545 580 581 678 702 705

CENSORED DEATH DAYS

None

DOSE = Tri 12.5Female

TOTAL 48

UNCENSORED DEATHS 13

CENSORED DEATHS 0

TERMINAL 35

UNCENSORED DEATH DAYS

475 498 513 556 604 626 629 643 663 685 696 714 715

CENSORED DEATH DAYS

None

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FEMALE MICE

FIRST TERMINAL SACRIFICE AT 726 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	90	180	270	365	425	485	545	605	665	726(A)
Veh ctrlFemale	100.0	100.0	100.0	97.9	97.9	97.9	95.8	85.4	81.3	72.9
Untreat Female	100.0	100.0	100.0	100.0	100.0	95.8	91.7	87.5	83.3	68.8
Tri 1.25Female	100.0	100.0	97.9	97.9	97.9	97.9	87.5	83.3	72.9	60.4
Tri 2.7 Female	100.0	100.0	100.0	100.0	100.0	97.9	91.7	91.7	79.2	64.6
Tri 5.8 Female	97.9	97.9	97.9	97.9	97.9	91.7	87.5	83.3	83.3	77.1
Tri 12.5Female	100.0	100.0	100.0	100.0	100.0	97.9	93.8	89.6	81.3	72.9

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FEMALE MICE

FIRST TERMINAL SACRIFICE AT 726 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	Veh ctrlFemale	Untreat Female	Tri 1.25Female	Tri 2.7 Female
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	72.9%	68.8%	60.4%	64.6%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.445N	----	P=0.248	P=0.543
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	609.5 (26.2)	615.9 (22.0)	596.4 (24.8)	629.1 (18.4)
MEAN LIFE SPAN (D) (STANDARD ERROR)	694.4 (10.2)	691.6 (10.0)	674.7 (13.4)	691.7 (9.3)

DOSE	Tri 5.8 Female	Tri 12.5Female
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	77.1%	72.9%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.902N	P=1.000N
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	517.0 (58.6)	616.7 (22.9)
MEAN LIFE SPAN (D) (STANDARD ERROR)	678.1 (18.2)	696.4 (9.3)

*** END OF REPORT ***

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