C Number:	C88006B
Lock Date:	03/23/2001
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Male MOUSE
FIRST TERMINAL SACRIFICE AT 95 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = CONTROL			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 75 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 150 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 300 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
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)

Male MOUSE
FIRST TERMINAL SACRIFICE AT 95 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 600 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 1000 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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(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: 88006-02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: alpha-Methylstyrene
CAS Number: 98-83-9

Date Report Requested: 10/16/2014
Time Report Requested: 19:43:12
First Dose M/F: NA / NA
Lab: BNW

Male MOUSE
FIRST TERMINAL SACRIFICE AT 95 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	95(A)
CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
150 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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

Male MOUSE
FIRST TERMINAL SACRIFICE AT 95 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	**CONTROL**	**75 PPM**	**150 PPM**	**300 PPM**
SURVIVAL AT END OF STUDY	100.0%	100.0%	100.0%	100.0%
(KAPLAN-MEIER)				
SIGNIFICANCE (B)	-----	-----	-----	-----
(LIFE TABLE)				
MEAN DAY OF NATURAL DEATHS (C)	.	.	.	.
(STANDARD ERROR)	(.)	(.)	(.)	(.)
MEAN LIFE SPAN (D)	95.0	95.0	95.0	95.0
(STANDARD ERROR)	(0.0)	(0.0)	(0.0)	(0.0)

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(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)

Male MOUSE
FIRST TERMINAL SACRIFICE AT 95 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	**600 PPM**	**1000 PPM**
SURVIVAL AT END OF STUDY	100.0%	100.0%
(KAPLAN-MEIER)		
SIGNIFICANCE (B)	-----	-----
(LIFE TABLE)		
MEAN DAY OF NATURAL DEATHS (C)	.	.
(STANDARD ERROR)	(.)	(.)
MEAN LIFE SPAN (D)	95.0	95.0
(STANDARD ERROR)	(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)

Female MOUSE
FIRST TERMINAL SACRIFICE AT 96 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = CONTROL			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 75 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 150 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 300 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
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)

Female MOUSE
FIRST TERMINAL SACRIFICE AT 96 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 600 PPM			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 1000 PPM			
TOTAL 10	UNCENSORED DEATHS 2	CENSORED DEATHS 0	TERMINAL 8
UNCENSORED DEATH DAYS			
3 3			
CENSORED DEATH DAYS			
none			

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

Female MOUSE
FIRST TERMINAL SACRIFICE AT 96 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	96(A)
CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
150 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000 PPM	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0

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

Female MOUSE
FIRST TERMINAL SACRIFICE AT 96 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	**CONTROL**	**75 PPM**	**150 PPM**	**300 PPM**
SURVIVAL AT END OF STUDY	100.0%	100.0%	100.0%	100.0%
(KAPLAN-MEIER)				
SIGNIFICANCE (B)	P=0.025	-----	-----	-----
(LIFE TABLE)				
MEAN DAY OF NATURAL DEATHS (C)	.	.	.	.
(STANDARD ERROR)	(.)	(.)	(.)	(.)
MEAN LIFE SPAN (D)	96.0	96.0	96.0	96.0
(STANDARD ERROR)	(0.0)	(0.0)	(0.0)	(0.0)

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

Female MOUSE
FIRST TERMINAL SACRIFICE AT 96 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	**600 PPM**	**1000 PPM**
SURVIVAL AT END OF STUDY	100.0%	80.0%
(KAPLAN-MEIER)		
SIGNIFICANCE (B)	-----	P=0.468
(LIFE TABLE)		
MEAN DAY OF NATURAL DEATHS (C)	.	3.0
(STANDARD ERROR)	(.)	(.)
MEAN LIFE SPAN (D)	96.0	77.4
(STANDARD ERROR)	(0.0)	(12.4)

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

** END OF REPORT **

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