

Experiment Number: 05119-01
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/CD-1 CRL

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
Time Report Requested: 22:52:42
First Dose M/F: NA / NA
Lab: HAZLETON

C Number:	C55914
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male
PWG Approval Date	12/23/1991

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 22:52:42
 First Dose M/F: NA / NA
 Lab: HAZLETON

Male MOUSE
FIRST TERMINAL SACRIFICE AT 387 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = ACETONE/ACETONE													
TOTAL 50			UNCENSORED DEATHS 14				CENSORED DEATHS 0			TERMINAL 36			
UNCENSORED DEATH DAYS													
142	228	281	299	312	316	353	365	367	367	375	377	379	386
CENSORED DEATH DAYS													
none													
DOSE = DMBA/TPA													
TOTAL 50			UNCENSORED DEATHS 38				CENSORED DEATHS 1			TERMINAL 11			
UNCENSORED DEATH DAYS													
130	141	141	141	141	141	141	141	141	141	142	142	142	142
142	142	142	142	142	142	142	180	185	222	230	249	259	262
279	298	304	319	320	327	329	342	352	355				
CENSORED DEATH DAYS													
146													
DOSE = DMBA/ACETONE													
TOTAL 50			UNCENSORED DEATHS 12				CENSORED DEATHS 0			TERMINAL 38			
UNCENSORED DEATH DAYS													
142	250	283	299	316	356	361	366	368	373	375	386		
CENSORED DEATH DAYS													
none													
DOSE = ACETONE/TPA													
TOTAL 50			UNCENSORED DEATHS 32				CENSORED DEATHS 0			TERMINAL 18			
UNCENSORED DEATH DAYS													
53	109	141	141	141	141	142	142	142	142	142	142	142	142
142	142	180	197	221	227	260	283	284	304	317	323	329	337
338	341	373	377										
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)

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 22:52:42
 First Dose M/F: NA / NA
 Lab: HAZLETON

Male MOUSE
FIRST TERMINAL SACRIFICE AT 387 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = DEP/TPA													
TOTAL 50			UNCENSORED DEATHS 35				CENSORED DEATHS 1			TERMINAL 14			
UNCENSORED DEATH DAYS													
126	138	138	138	138	138	141	141	141	141	141	141	141	141
141	141	142	142	142	142	148	194	225	234	259	259	264	288
337	344	345	353	359	383	386							
CENSORED DEATH DAYS													
248													
DOSE = DEP/ACETONE													
TOTAL 50			UNCENSORED DEATHS 14				CENSORED DEATHS 0			TERMINAL 36			
UNCENSORED DEATH DAYS													
141	141	142	250	264	273	284	318	364	368	377	382	385	386
CENSORED DEATH DAYS													
none													
DOSE = DMBA/DEP													
TOTAL 50			UNCENSORED DEATHS 7				CENSORED DEATHS 0			TERMINAL 43			
UNCENSORED DEATH DAYS													
148	245	312	333	342	357	385							
CENSORED DEATH DAYS													
none													
DOSE = ACETONE/DEP													
TOTAL 50			UNCENSORED DEATHS 10				CENSORED DEATHS 1			TERMINAL 39			
UNCENSORED DEATH DAYS													
134	253	256	279	301	309	362	367	370	377				
CENSORED DEATH DAYS													
368													

(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)

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 22:52:42
 First Dose M/F: NA / NA
 Lab: HAZLETON

Male MOUSE
FIRST TERMINAL SACRIFICE AT 387 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = DMP/TPA													
TOTAL 50			UNCENSORED DEATHS 36				CENSORED DEATHS 1			TERMINAL 13			
UNCENSORED DEATH DAYS													
141	141	141	141	141	141	141	141	141	141	141	142	142	142
142	142	142	142	142	142	173	284	284	298	299	303	320	325
334	337	337	342	348	357	362	383						
CENSORED DEATH DAYS													
256													
DOSE = DMP/ACETONE													
TOTAL 50			UNCENSORED DEATHS 10				CENSORED DEATHS 1			TERMINAL 39			
UNCENSORED DEATH DAYS													
232	271	288	355	355	357	360	362	379	383				
CENSORED DEATH DAYS													
190													
DOSE = DMBA/DMP													
TOTAL 50			UNCENSORED DEATHS 11				CENSORED DEATHS 0			TERMINAL 39			
UNCENSORED DEATH DAYS													
50	127	142	233	330	344	361	369	375	382	384			
CENSORED DEATH DAYS													
none													
DOSE = ACETONE/DMP													
TOTAL 50			UNCENSORED DEATHS 7				CENSORED DEATHS 1			TERMINAL 42			
UNCENSORED DEATH DAYS													
141	184	284	318	354	366	380							
CENSORED DEATH DAYS													
317													

(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)

Experiment Number: 05119-01
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/CD-1 CRL

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
Time Report Requested: 22:52:43
First Dose M/F: NA / NA
Lab: HAZLETON

Male MOUSE
FIRST TERMINAL SACRIFICE AT 387 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	39	78	117	156	195	234	273	312	351	387(A)
ACETONE/ACETONE	100.0	100.0	100.0	98.0	98.0	96.0	96.0	90.0	88.0	72.0
DMBA/TPA	100.0	100.0	100.0	58.0	53.9	49.7	43.5	37.3	26.9	22.8
DMBA/ACETONE	100.0	100.0	100.0	98.0	98.0	98.0	96.0	92.0	90.0	76.0
ACETONE/TPA	100.0	98.0	96.0	68.0	66.0	60.0	58.0	52.0	40.0	36.0
DEP/TPA	100.0	100.0	100.0	58.0	56.0	52.0	45.8	43.7	37.4	29.1
DEP/ACETONE	100.0	100.0	100.0	94.0	94.0	94.0	88.0	86.0	84.0	72.0
DMBA/DEP	100.0	100.0	100.0	98.0	98.0	98.0	96.0	94.0	90.0	86.0
ACETONE/DEP	100.0	100.0	100.0	98.0	98.0	98.0	94.0	88.0	88.0	79.9
DMP/TPA	100.0	100.0	100.0	60.0	58.0	58.0	58.0	47.6	33.1	26.9
DMP/ACETONE	100.0	100.0	100.0	100.0	100.0	98.0	95.9	93.9	93.9	79.6
DMBA/DMP	100.0	98.0	98.0	94.0	94.0	92.0	92.0	92.0	88.0	78.0
ACETONE/DMP	100.0	100.0	100.0	98.0	96.0	96.0	96.0	94.0	92.0	85.8

(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)

Experiment Number: 05119-01
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/CD-1 CRL

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
Time Report Requested: 22:52:43
First Dose M/F: NA / NA
Lab: HAZLETON

Male MOUSE
FIRST TERMINAL SACRIFICE AT 387 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	ACETONE/ACETONE	DMBA/TPA	DMBA/ACETONE	ACETONE/TPA
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	72.0%	22.8%	76.0%	36.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.105	P=0.000	P=0.813N	P=0.000
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	324.8 (18.7)	204.6 (13.1)	322.9 (20.6)	213.6 (16.4)
MEAN LIFE SPAN (D) (STANDARD ERROR)	369.6 (6.5)	243.5 (14.8)	371.6 (6.2)	276.0 (15.8)

(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)

Experiment Number: 05119-01
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/CD-1 CRL

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
Time Report Requested: 22:52:43
First Dose M/F: NA / NA
Lab: HAZLETON

Male MOUSE
FIRST TERMINAL SACRIFICE AT 387 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	DEP/TPA	DEP/ACETONE	DMBA/DEP	ACETONE/DEP
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	29.1%	72.0%	86.0%	79.9%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.000	P=1.000	P=0.150N	P=0.534N
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	204.9 (15.1)	291.1 (25.2)	303.1 (30.7)	300.8 (23.9)
MEAN LIFE SPAN (D) (STANDARD ERROR)	256.8 (15.7)	360.1 (9.2)	375.3 (5.8)	369.4 (6.7)

(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)

Experiment Number: 05119-01
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/CD-1 CRL

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
Time Report Requested: 22:52:43
First Dose M/F: NA / NA
Lab: HAZLETON

Male MOUSE
FIRST TERMINAL SACRIFICE AT 387 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	DMP/TPA	DMP/ACETONE	DMBA/DMP	ACETONE/DMP
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	26.9%	79.6%	78.0%	85.8%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.000	P=0.510N	P=0.655N	P=0.161N
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	219.9 (15.7)	334.2 (16.3)	281.5 (36.8)	289.6 (35.3)
MEAN LIFE SPAN (D) (STANDARD ERROR)	264.0 (15.4)	372.5 (5.7)	363.8 (10.0)	372.0 (6.8)

(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)

Experiment Number: 05119-01
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/CD-1 CRL

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
Time Report Requested: 22:52:43
First Dose M/F: NA / NA
Lab: HAZLETON

**** 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)