

**Experiment Number:** 05117-07  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION|DERMAL,SOLUTION  
**Species/Strain:** Mouse/SENCAR

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 18:08:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**C Number:** C61994C  
**Lock Date:** 04/09/1992  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Both  
**PWG Approval Date** 04/29/1994

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Species/Strain: Mouse/SENCAR

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CAS Number: INIT/PROM

Date Report Requested: 10/22/2014

Time Report Requested: 18:08:14

First Dose M/F: NA / NA

Lab: BAT

Male MOUSE  
FIRST TERMINAL SACRIFICE AT 363 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = VEHICLE CONTROL

TOTAL 30                      UNCENSORED DEATHS 1                      CENSORED DEATHS 0                      TERMINAL 29

UNCENSORED DEATH DAYS

65

CENSORED DEATH DAYS

none

DOSE = DMBA0.25 /TPA 1

TOTAL 30                      UNCENSORED DEATHS 24                      CENSORED DEATHS 0                      TERMINAL 6

UNCENSORED DEATH DAYS

77            79            80            127            127            127            127            129            162            162            169            171            175            197  
240            244            253            286            287            288            289            297            323            324

CENSORED DEATH DAYS

none

DOSE = DMBA 2.5 /TPA 1

TOTAL 30                      UNCENSORED DEATHS 28                      CENSORED DEATHS 0                      TERMINAL 2

UNCENSORED DEATH DAYS

16            91            91            113            127            150            162            162            167            172            181            197            198            199  
199            202            202            216            233            244            257            265            279            287            304            324            324            324

CENSORED DEATH DAYS

none

DOSE = DMBA 25 /TPA 1

TOTAL 30                      UNCENSORED DEATHS 29                      CENSORED DEATHS 0                      TERMINAL 1

UNCENSORED DEATH DAYS

99            127            129            133            148            162            162            164            234            244            247            250            251            253  
260            261            261            265            265            267            281            289            293            296            303            314            340            341

355

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: 05117-07

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Route: SKIN APPLICATION|DERMAL,SOLUTION

Species/Strain: Mouse/SENCAR

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

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First Dose M/F: NA / NA

Lab: BAT

Male MOUSE  
FIRST TERMINAL SACRIFICE AT 363 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = DMBA0.25 /TPA 1													
TOTAL 30			UNCENSORED DEATHS 24				CENSORED DEATHS 0			TERMINAL 6			
UNCENSORED DEATH DAYS													
77	79	80	127	127	127	127	129	162	162	169	171	175	197
240	244	253	286	287	288	289	297	323	324				
CENSORED DEATH DAYS													
none													
DOSE = DMBA 2.5 /TPA 1													
TOTAL 30			UNCENSORED DEATHS 28				CENSORED DEATHS 0			TERMINAL 2			
UNCENSORED DEATH DAYS													
16	91	91	113	127	150	162	162	167	172	181	197	198	199
199	202	202	216	233	244	257	265	279	287	304	324	324	324
CENSORED DEATH DAYS													
none													
DOSE = DMBA 25 /TPA 1													
TOTAL 30			UNCENSORED DEATHS 29				CENSORED DEATHS 0			TERMINAL 1			
UNCENSORED DEATH DAYS													
99	127	129	133	148	162	162	164	234	244	247	250	251	253
260	261	261	265	265	267	281	289	293	296	303	314	340	341
355													
CENSORED DEATH DAYS													
none													
DOSE = TPA 1/ COMPLETE													
TOTAL 30			UNCENSORED DEATHS 21				CENSORED DEATHS 0			TERMINAL 9			
UNCENSORED DEATH DAYS													
83	113	133	134	150	150	164	175	233	234	244	244	244	246
246	258	265	286	288	295	339							
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)

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Test Type: INIT/PROMOT

Route: SKIN APPLICATION|DERMAL,SOLUTION

Species/Strain: Mouse/SENCAR

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014

Time Report Requested: 18:08:14

First Dose M/F: NA / NA

Lab: BAT

Male MOUSE  
FIRST TERMINAL SACRIFICE AT 363 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = MNNG 100 /TPA 1													
TOTAL 30			UNCENSORED DEATHS 22					CENSORED DEATHS 0			TERMINAL 8		
<b>UNCENSORED DEATH DAYS</b>													
134	149	162	167	169	171	181	183	199	211	215	217	246	246
260	260	265	288	297	297	303	347						
<b>CENSORED DEATH DAYS</b>													
none													
DOSE = MNNG1000 /TPA 1													
TOTAL 30			UNCENSORED DEATHS 29					CENSORED DEATHS 0			TERMINAL 1		
<b>UNCENSORED DEATH DAYS</b>													
38	50	83	91	99	120	148	148	148	150	156	156	159	160
167	169	182	183	197	197	199	211	212	224	226	244	260	273
274													
<b>CENSORED DEATH DAYS</b>													
none													
DOSE = MNNG 100 /TPA 1													
TOTAL 30			UNCENSORED DEATHS 22					CENSORED DEATHS 0			TERMINAL 8		
<b>UNCENSORED DEATH DAYS</b>													
134	149	162	167	169	171	181	183	199	211	215	217	246	246
260	260	265	288	297	297	303	347						
<b>CENSORED DEATH DAYS</b>													
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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**Route:** SKIN APPLICATION|DERMAL,SOLUTION

**Species/Strain:** Mouse/SENCAR

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

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**CAS Number:** INIT/PROM

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**Time Report Requested:** 18:08:14

**First Dose M/F:** NA / NA

**Lab:** BAT

**Male MOUSE  
FIRST TERMINAL SACRIFICE AT 363 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)**

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<b>DOSE = MNNG1000 /TPA 1</b>													
TOTAL 30			UNCENSORED DEATHS 29				CENSORED DEATHS 0			TERMINAL 1			
<b>UNCENSORED DEATH DAYS</b>													
38	50	83	91	99	120	148	148	148	150	156	156	159	160
167	169	182	183	197	197	199	211	212	224	226	244	260	273
274													
<b>CENSORED DEATH DAYS</b>													
none													

(A) FIRST TERMINAL SACRIFICE

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**Lab:** BAT

**Male MOUSE**  
**FIRST TERMINAL SACRIFICE AT 363 DAYS**

**KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)**

DOSE	TIME (DAYS)									
	37	74	111	148	185	222	259	296	333	363(A)
VEHICLE CONTROL	100.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
DMBA0.25 /TPA 1	100.0	100.0	90.0	73.3	56.7	53.3	43.3	30.0	20.0	20.0
DMBA 2.5 /TPA 1	96.7	96.7	90.0	83.3	63.3	40.0	30.0	20.0	6.7	6.7
DMBA 25 /TPA 1	100.0	100.0	96.7	83.3	73.3	73.3	53.3	20.0	13.3	3.3
DMBA0.25 /TPA 1	100.0	100.0	90.0	73.3	56.7	53.3	43.3	30.0	20.0	20.0
DMBA 2.5 /TPA 1	96.7	96.7	90.0	83.3	63.3	40.0	30.0	20.0	6.7	6.7
DMBA 25 /TPA 1	100.0	100.0	96.7	83.3	73.3	73.3	53.3	20.0	13.3	3.3
TPA 1/ COMPLETE	100.0	100.0	96.7	86.7	73.3	73.3	46.7	33.3	33.3	30.0
MNNG 100 /TPA 1	100.0	100.0	100.0	96.7	73.3	60.0	53.3	40.0	30.0	26.7
MNNG1000 /TPA 1	100.0	93.3	83.3	70.0	40.0	23.3	13.3	3.3	3.3	3.3
MNNG 100 /TPA 1	100.0	100.0	100.0	96.7	73.3	60.0	53.3	40.0	30.0	26.7
MNNG1000 /TPA 1	100.0	93.3	83.3	70.0	40.0	23.3	13.3	3.3	3.3	3.3

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

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

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**First Dose M/F:** NA / NA

**Lab:** BAT

**Male MOUSE  
FIRST TERMINAL SACRIFICE AT 363 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>VEHICLE CONTROL</b>	<b>DMBA0.25 /TPA 1</b>	<b>DMBA 2.5 /TPA 1</b>	<b>DMBA 25 /TPA 1</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	96.7%	20.0%	6.7%	3.3%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	65.0 (.)	197.5 (16.4)	203.1 (14.4)	241.2 (13.0)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	353.1 (9.9)	230.6 (18.1)	213.7 (15.4)	245.2 (13.3)

(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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**CAS Number:** INIT/PROM

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**First Dose M/F:** NA / NA

**Lab:** BAT

**Male MOUSE  
FIRST TERMINAL SACRIFICE AT 363 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>DMBA0.25 /TPA 1</b>	<b>DMBA 2.5 /TPA 1</b>	<b>DMBA 25 /TPA 1</b>	<b>TPA 1/ COMPLETE</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	20.0%	6.7%	3.3%	30.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	197.5 (16.4)	203.1 (14.4)	241.2 (13.0)	215.4 (15.1)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	230.6 (18.1)	213.7 (15.4)	245.2 (13.3)	259.7 (16.4)

(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

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Experiment Number: 05117-07

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CAS Number: INIT/PROM

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First Dose M/F: NA / NA

Lab: BAT

**Male MOUSE  
FIRST TERMINAL SACRIFICE AT 363 DAYS**

**SURVIVAL SUMMARY STATISTICS**

DOSE	MNNG 100 /TPA 1	MNNG1000 /TPA 1	MNNG 100 /TPA 1	MNNG1000 /TPA 1
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	26.7%	3.3%	26.7%	3.3%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	225.8 (12.4)	169.8 (11.2)	225.8 (12.4)	169.8 (11.2)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	262.4 (14.5)	176.2 (12.6)	262.4 (14.5)	176.2 (12.6)

(A) FIRST TERMINAL SACRIFICE

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First Dose M/F: NA / NA

Lab: BAT

Female MOUSE  
FIRST TERMINAL SACRIFICE AT 363 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = VEHICLE CONTROL

TOTAL 30                      UNCENSORED DEATHS 3                      CENSORED DEATHS 0                      TERMINAL 27

UNCENSORED DEATH DAYS

14            158            214

CENSORED DEATH DAYS

none

DOSE = DMBA0.25 /TPA 1

TOTAL 30                      UNCENSORED DEATHS 22                      CENSORED DEATHS 0                      TERMINAL 8

UNCENSORED DEATH DAYS

99            106            113            120            120            157            167            198            199            211            244            247            247            259  
286            287            289            293            316            316            336            342

CENSORED DEATH DAYS

none

DOSE = DMBA 2.5 /TPA 1

TOTAL 30                      UNCENSORED DEATHS 24                      CENSORED DEATHS 0                      TERMINAL 6

UNCENSORED DEATH DAYS

63            150            169            212            221            223            239            253            257            261            273            274            288            289  
297            303            303            303            306            307            311            330            345            345

CENSORED DEATH DAYS

none

DOSE = DMBA 25 /TPA 1

TOTAL 30                      UNCENSORED DEATHS 29                      CENSORED DEATHS 0                      TERMINAL 1

UNCENSORED DEATH DAYS

103            150            155            183            193            198            198            199            211            217            226            227            246            251  
253            261            261            271            272            272            278            280            288            296            303            307            322            323  
330

CENSORED DEATH DAYS

none

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First Dose M/F: NA / NA

Lab: BAT

Female MOUSE  
FIRST TERMINAL SACRIFICE AT 363 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = DMBA0.25 /TPA 1													
TOTAL 30			UNCENSORED DEATHS 22				CENSORED DEATHS 0			TERMINAL 8			
<b>UNCENSORED DEATH DAYS</b>													
99	106	113	120	120	157	167	198	199	211	244	247	247	259
286	287	289	293	316	316	336	342						
<b>CENSORED DEATH DAYS</b>													
none													
DOSE = DMBA 2.5 /TPA 1													
TOTAL 30			UNCENSORED DEATHS 24				CENSORED DEATHS 0			TERMINAL 6			
<b>UNCENSORED DEATH DAYS</b>													
63	150	169	212	221	223	239	253	257	261	273	274	288	289
297	303	303	303	306	307	311	330	345	345				
<b>CENSORED DEATH DAYS</b>													
none													
DOSE = DMBA 25 /TPA 1													
TOTAL 30			UNCENSORED DEATHS 29				CENSORED DEATHS 0			TERMINAL 1			
<b>UNCENSORED DEATH DAYS</b>													
103	150	155	183	193	198	198	199	211	217	226	227	246	251
253	261	261	271	272	272	278	280	288	296	303	307	322	323
330													
<b>CENSORED DEATH DAYS</b>													
none													
DOSE = TPA 1/ COMPLETE													
TOTAL 30			UNCENSORED DEATHS 20				CENSORED DEATHS 0			TERMINAL 10			
<b>UNCENSORED DEATH DAYS</b>													
77	97	106	120	126	133	133	134	161	169	183	198	202	224
227	240	251	293	345	354								
<b>CENSORED DEATH DAYS</b>													
none													

(A) FIRST TERMINAL SACRIFICE

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Lab: BAT

Female MOUSE  
FIRST TERMINAL SACRIFICE AT 363 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = MNNG 100 /TPA 1													
TOTAL 30			UNCENSORED DEATHS 17				CENSORED DEATHS 0				TERMINAL 13		
<b>UNCENSORED DEATH DAYS</b>													
108	133	160	160	161	212	233	259	260	267	269	289	297	316
318	330	340											
<b>CENSORED DEATH DAYS</b>													
none													
DOSE = MNNG1000 /TPA 1													
TOTAL 30			UNCENSORED DEATHS 28				CENSORED DEATHS 0				TERMINAL 2		
<b>UNCENSORED DEATH DAYS</b>													
42	42	50	50	52	57	77	91	97	108	127	134	150	155
174	197	225	227	240	246	251	253	260	297	300	303	303	362
<b>CENSORED DEATH DAYS</b>													
none													
DOSE = MNNG 100 /TPA 1													
TOTAL 30			UNCENSORED DEATHS 17				CENSORED DEATHS 0				TERMINAL 13		
<b>UNCENSORED DEATH DAYS</b>													
108	133	160	160	161	212	233	259	260	267	269	289	297	316
318	330	340											
<b>CENSORED DEATH DAYS</b>													
none													
DOSE = MNNG1000 /TPA 1													
TOTAL 30			UNCENSORED DEATHS 28				CENSORED DEATHS 0				TERMINAL 2		
<b>UNCENSORED DEATH DAYS</b>													
42	42	50	50	52	57	77	91	97	108	127	134	150	155
174	197	225	227	240	246	251	253	260	297	300	303	303	362
<b>CENSORED DEATH DAYS</b>													
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:** 05117-07  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION|DERMAL,SOLUTION  
**Species/Strain:** Mouse/SENCAR

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 18:08:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**Female MOUSE**  
**FIRST TERMINAL SACRIFICE AT 363 DAYS**

**KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)**

DOSE	TIME (DAYS)									
	37	74	111	148	185	222	259	296	333	363(A)
VEHICLE CONTROL	96.7	96.7	96.7	96.7	93.3	90.0	90.0	90.0	90.0	90.0
DMBA0.25 /TPA 1	100.0	100.0	93.3	83.3	76.7	66.7	53.3	40.0	33.3	26.7
DMBA 2.5 /TPA 1	100.0	96.7	96.7	96.7	90.0	83.3	70.0	53.3	26.7	20.0
DMBA 25 /TPA 1	100.0	100.0	96.7	96.7	86.7	66.7	50.0	20.0	3.3	3.3
DMBA0.25 /TPA 1	100.0	100.0	93.3	83.3	76.7	66.7	53.3	40.0	33.3	26.7
DMBA 2.5 /TPA 1	100.0	96.7	96.7	96.7	90.0	83.3	70.0	53.3	26.7	20.0
DMBA 25 /TPA 1	100.0	100.0	96.7	96.7	86.7	66.7	50.0	20.0	3.3	3.3
TPA 1/ COMPLETE	100.0	100.0	90.0	73.3	63.3	56.7	43.3	40.0	40.0	33.3
MNNG 100 /TPA 1	100.0	100.0	96.7	93.3	83.3	80.0	73.3	60.0	46.7	43.3
MNNG1000 /TPA 1	100.0	80.0	66.7	60.0	50.0	46.7	26.7	23.3	10.0	6.7
MNNG 100 /TPA 1	100.0	100.0	96.7	93.3	83.3	80.0	73.3	60.0	46.7	43.3
MNNG1000 /TPA 1	100.0	80.0	66.7	60.0	50.0	46.7	26.7	23.3	10.0	6.7

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

Experiment Number: 05117-07

Test Type: INIT/PROMOT

Route: SKIN APPLICATION|DERMAL,SOLUTION

Species/Strain: Mouse/SENCAR

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014

Time Report Requested: 18:08:14

First Dose M/F: NA / NA

Lab: BAT

Female MOUSE  
FIRST TERMINAL SACRIFICE AT 363 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	VEHICLE CONTROL	DMBA0.25 /TPA 1	DMBA 2.5 /TPA 1	DMBA 25 /TPA 1
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	90.0%	26.7%	20.0%	3.3%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	128.7 (59.6)	225.1 (16.9)	263.4 (13.3)	243.9 (10.4)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	339.6 (14.0)	261.9 (16.9)	283.3 (13.0)	247.9 (10.9)

(A) FIRST TERMINAL SACRIFICE

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

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

**Experiment Number:** 05117-07

**Test Type:** INIT/PROMOT

**Route:** SKIN APPLICATION|DERMAL,SOLUTION

**Species/Strain:** Mouse/SENCAR

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

**CAS Number:** INIT/PROM

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 18:08:14

**First Dose M/F:** NA / NA

**Lab:** BAT

**Female MOUSE  
FIRST TERMINAL SACRIFICE AT 363 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>DMBA0.25 /TPA 1</b>	<b>DMBA 2.5 /TPA 1</b>	<b>DMBA 25 /TPA 1</b>	<b>TPA 1/ COMPLETE</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	26.7%	20.0%	3.3%	33.3%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	225.1 (16.9)	263.4 (13.3)	243.9 (10.4)	188.7 (17.7)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	261.9 (16.9)	283.3 (13.0)	247.9 (10.9)	246.8 (19.2)

(A) FIRST TERMINAL SACRIFICE

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

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

Experiment Number: 05117-07

Test Type: INIT/PROMOT

Route: SKIN APPLICATION|DERMAL,SOLUTION

Species/Strain: Mouse/SENCAR

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014

Time Report Requested: 18:08:14

First Dose M/F: NA / NA

Lab: BAT

Female MOUSE  
FIRST TERMINAL SACRIFICE AT 363 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	MNNG 100 /TPA 1	MNNG1000 /TPA 1	MNNG 100 /TPA 1	MNNG1000 /TPA 1
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	43.3%	6.7%	43.3%	6.7%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	241.9 (17.6)	173.9 (18.4)	241.9 (17.6)	173.9 (18.4)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	294.4 (15.0)	186.5 (19.4)	294.4 (15.0)	186.5 (19.4)

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

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



**Experiment Number:** 051117-07  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION|DERMAL,SOLUTION  
**Species/Strain:** Mouse/SENCAR

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 18:08:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**\*\* END OF REPORT \*\***

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

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