

**Experiment Number:** 20006-98  
**Test Type:** SPECIAL STUDY  
**Route:** GAVAGE  
**Species/Strain:** Rat/SD

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** Indole-3-carbinol  
**CAS Number:** 700-06-1

**Date Report Requested:** 04/18/2016  
**Time Report Requested:** 20:24:27  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C20006B
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

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Lab: BAT

Male RAT  
FIRST TERMINAL SACRIFICE AT 29 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

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<b>DOSE = 0 mg/kg</b>					
TOTAL	10	UNCENSORED DEATHS	0	CENSORED DEATHS 5	TERMINAL 5
<b>UNCENSORED DEATH DAYS</b>					
none					
<b>CENSORED DEATH DAYS</b>					
8	8	8	8	8	

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<b>DOSE = 75 mg/kg</b>					
TOTAL	10	UNCENSORED DEATHS	0	CENSORED DEATHS 5	TERMINAL 5
<b>UNCENSORED DEATH DAYS</b>					
none					
<b>CENSORED DEATH DAYS</b>					
8	8	8	8	8	

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<b>DOSE = 150 mg/kg</b>					
TOTAL	10	UNCENSORED DEATHS	0	CENSORED DEATHS 5	TERMINAL 5
<b>UNCENSORED DEATH DAYS</b>					
none					
<b>CENSORED DEATH DAYS</b>					
8	8	8	8	8	

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<b>DOSE = 300 mg/kg</b>					
TOTAL	10	UNCENSORED DEATHS	0	CENSORED DEATHS 5	TERMINAL 5
<b>UNCENSORED DEATH DAYS</b>					
none					
<b>CENSORED DEATH DAYS</b>					
8	8	8	8	8	

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(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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**Lab:** BAT

**Male RAT**  
**FIRST TERMINAL SACRIFICE AT 29 DAYS**

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

DOSE	TIME (DAYS)									
	3	6	9	12	15	18	21	24	27	29(A)
0 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
150 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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**Lab:** BAT

**Male RAT**  
**FIRST TERMINAL SACRIFICE AT 29 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>0 mg/kg</b>	<b>75 mg/kg</b>	<b>150 mg/kg</b>	<b>300 mg/kg</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	18.5 (3.5)	18.5 (3.5)	18.5 (3.5)	18.5 (3.5)

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**Lab:** BAT

**Female RAT**  
**FIRST TERMINAL SACRIFICE AT 92 DAYS**  
**INDIVIDUAL SURVIVAL TIMES (DAYS)**

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<b>DOSE = 0 mg/kg</b>			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			

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<b>DOSE = 300 mg/kg</b>			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			

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**Female RAT**  
**FIRST TERMINAL SACRIFICE AT 92 DAYS**

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

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	92(A)
0 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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**Lab:** BAT

**Female RAT**  
**FIRST TERMINAL SACRIFICE AT 92 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>0 mg/kg</b>	<b>300 mg/kg</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	. (.)	. (.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	92.0 (0.0)	92.0 (0.0)

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

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