

**Experiment Number:** 20601-01  
**Test Type:** 14-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Rat/Wistar Han

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

**Test Compound:** Antimony trioxide  
**CAS Number:** 1309-64-4

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 08:24:39  
**First Dose M/F:** NA / NA  
**Lab:** BNW

<b>C Number:</b>	C20601
<b>Lock Date:</b>	06/02/2008
<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: BNW

Male RAT  
FIRST TERMINAL SACRIFICE AT 16 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

---

<b>DOSE = Control</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 = 3.75 mg/m3</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 = 7.5 mg/m3</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 = 15 mg/m3</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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(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:** BNW

**Male RAT  
FIRST TERMINAL SACRIFICE AT 16 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)**

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**DOSE = 30 mg/m3**

TOTAL 5

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 5

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 60 mg/m3**

TOTAL 5

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 5

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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First Dose M/F: NA / NA

Lab: BNW

Male RAT  
FIRST TERMINAL SACRIFICE AT 16 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	2	4	6	8	10	12	14	16(A)	18	16(A)
Control	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3.75 mg/m3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7.5 mg/m3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15 mg/m3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30 mg/m3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60 mg/m3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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First Dose M/F: NA / NA

Lab: BNW

Male RAT  
FIRST TERMINAL SACRIFICE AT 16 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	Control	3.75 mg/m3	7.5 mg/m3	15 mg/m3
<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)	16.0 (0.0)	16.0 (0.0)	16.0 (0.0)	16.0 (0.0)

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

**Lab:** BNW

**Male RAT  
FIRST TERMINAL SACRIFICE AT 16 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>30 mg/m3</b>	<b>60 mg/m3</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)	16.0 (0.0)	16.0 (0.0)

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Time Report Requested: 08:24:40

First Dose M/F: NA / NA

Lab: BNW

Female RAT  
FIRST TERMINAL SACRIFICE AT 16 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

---

<b>DOSE = Control</b>			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			
<hr/>			
<b>DOSE = 3.75 mg/m3</b>			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			
<hr/>			
<b>DOSE = 7.5 mg/m3</b>			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			
<hr/>			
<b>DOSE = 15 mg/m3</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 16 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)**

---

**DOSE = 30 mg/m3**

TOTAL 5

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 5

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

---

**DOSE = 60 mg/m3**

TOTAL 5

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 5

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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7.5 mg/m3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15 mg/m3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30 mg/m3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60 mg/m3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%
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