

Experiment Number: A84238

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 09/18/2018

Time Report Requested: 10:49:05

**NTP Study Number:**

A84238

**Study Result:**

Negative

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<b>Strain: TA100</b>			
<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	
Vehicle Control <sup>1</sup>	121 ± 4.7	125 ± 1.7	
33.0	134 ± 9.4	139 ± 5.8	
100.0	122 ± 8.7	138 ± 9.2	
333.0	133 ± 9.8	136 ± 8.4	
1000.0	114 ± 5.0	145 ± 8.3	
2000.0	121 ± 5.5		
3333.0		141 ± 2.3	
Trial Summary	Negative		Negative
Positive Control <sup>2</sup>	595 ± 1.2		
Positive Control <sup>3</sup>		876 ± 64.7	

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**Strain: TA98**

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<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>	17 ± 0.9	31 ± 1.5
33.0	15 ± 1.8	35 ± 2.0
100.0	20 ± 1.8	30 ± 2.0
333.0	15 ± 0.9	27 ± 9.9
1000.0	17 ± 1.7	31 ± 2.4
2000.0	19 ± 3.1	
3333.0		0 ± 0.0 <sup>s</sup>
Trial Summary	Negative	Negative
Positive Control <sup>4</sup>		501 ± 27.8
Positive Control <sup>5</sup>	80 ± 9.5	

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<b>Strain: TA102</b>			
<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	
Vehicle Control <sup>1</sup>	361 ± 25.0	408 ± 8.7	
100.0	396 ± 8.8	359 ± 6.4	
333.0	366 ± 33.4	414 ± 36.3	
1000.0	353 ± 7.8	374 ± 6.7	
3333.0	180 ± 20.5 <sup>s</sup>	313 ± 13.6 <sup>s</sup>	
10000.0	0 ± 0.0 <sup>s</sup>	0 ± 0.0 <sup>s</sup>	
Trial Summary	Negative	Negative	
Positive Control <sup>6</sup>		1423 ± 88.1	
Positive Control <sup>7</sup>	1410 ± 33.9		

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#### LEGEND

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Values given as Mean or Mean  $\pm$  Standard Error Mean

The number of samples = 3, unless samples marked toxic or contaminated were excluded from mean and SEM calculations

CAS Number = Chemical Abstracts Service registry number

1: Vehicle Control: Acetone

2: 0.5 ug/Plate Sodium Azide

3: 0.75 ug/Plate 2-Aminoanthracene

4: 0.4 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate Other Positive Control

6: 10.0 ug/Plate Sterigmatocystin

7: 75.0 ug/Plate Other Positive Control

s: Slight Toxicity

\*\* END OF REPORT \*\*