

Experiment Number: A39304

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 09/16/2018

Time Report Requested: 21:27:07

**NTP Study Number:**

A39304

**Study Result:**

Negative

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Strain: TA100				
Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	62 ± 1.8	67 ± 4.4	65 ± 2.4	76 ± 2.5
500.0	57 ± 5.9	57 ± 2.8		
1000.0		62 ± 3.9		
1500.0	64 ± 2.6	53 ± 4.4		
2500.0	50 ± 2.3	35 ± 0.9	67 ± 2.8	84 ± 2.0
3500.0	38 ± 6.4	16 ± 1.2 <sup>s</sup>	63 ± 5.5	75 ± 2.6
5000.0	11 ± 1.5 <sup>s</sup>		66 ± 4.0	66 ± 2.9
7500.0			60 ± 4.0	62 ± 4.7
10000.0			53 ± 6.8	59 ± 6.6
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	488 ± 27.2	635 ± 35.5		
Positive Control <sup>3</sup>			982 ± 37.0	878 ± 19.1

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Strain: TA98				
Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	18 ± 0.7	22 ± 2.7	29 ± 3.4	24 ± 2.2
500.0	16 ± 0.0	16 ± 1.2		
1000.0		19 ± 2.4		
1500.0	17 ± 2.5	18 ± 1.2		
2500.0	18 ± 2.3	14 ± 1.5	24 ± 0.0	23 ± 0.9
3500.0	8 ± 2.1 <sup>s</sup>	5 ± 0.6 <sup>s</sup>	21 ± 4.4	21 ± 0.3
5000.0	2 ± 0.6 <sup>s</sup>		26 ± 4.3	26 ± 0.9
7500.0			23 ± 2.9	20 ± 1.2
10000.0			6 ± 0.7 <sup>s</sup>	8 ± 1.5 <sup>s</sup>
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>3</sup>			1163 ± 76.6	742 ± 36.6
Positive Control <sup>4</sup>	693 ± 25.6	693 ± 25.6		

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## Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	163 ± 6.6	177 ± 2.6	190 ± 22.5	185 ± 8.4
500.0	190 ± 14.7	197 ± 25.3		
1500.0	194 ± 5.9	211 ± 19.6		
2500.0	139 ± 11.8	153 ± 7.3	214 ± 14.5	226 ± 17.1
3500.0	124 ± 3.5	148 ± 10.1	201 ± 8.3	203 ± 13.9
5000.0	76 ± 17.2 <sup>s</sup>	88 ± 2.7 <sup>s</sup>	195 ± 10.1	192 ± 5.5
7500.0			164 ± 25.4	171 ± 5.8
10000.0			142 ± 4.1	149 ± 6.5
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>5</sup>			1164 ± 25.3	993 ± 79.4
Positive Control <sup>6</sup>	1955 ± 17.9	1883 ± 19.9		

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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: Dimethyl Sulfoxide

2: 1.0 ug/Plate Sodium Azide

3: 2.5 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate 2-Nitrofluorene

5: 20.0 ug/Plate 2-Aminoanthracene

6: 4000.0 ug/Plate Methyl Methane Sulfonate

s: Slight Toxicity

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