

Experiment Number: A67622

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 09/17/2018

Time Report Requested: 14:04:16

**NTP Study Number:**

A67622

**Study Result:**

Negative

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**Strain: TA100**

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Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	42 ± 7.4	50 ± 4.0	43 ± 9.9	45 ± 4.2
5.0	53 ± 6.4	46 ± 3.3		
10.0	57 ± 3.0	47 ± 5.8		
25.0	43 ± 2.6	36 ± 4.3		
50.0	42 ± 4.3	33 ± 1.0	37 ± 2.6	38 ± 1.2
75.0	37 ± 1.2	45 ± 1.5		
100.0			45 ± 6.2	46 ± 5.5
250.0			52 ± 3.0	54 ± 2.4
500.0			28 ± 4.3	43 ± 3.5
750.0			17 ± 0.9	53 ± 8.1
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	531 ± 12.4	512 ± 32.0		
Positive Control <sup>3</sup>			629 ± 11.0	692 ± 11.3

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**Strain: TA98**

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Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	17 ± 0.9	12 ± 0.7	18 ± 1.8	19 ± 1.7
5.0	11 ± 2.7	11 ± 0.6		
10.0	11 ± 1.5	11 ± 0.9		
25.0	14 ± 1.2	10 ± 0.3		
50.0	13 ± 2.0	7 ± 1.3	16 ± 2.9	18 ± 2.7
75.0	7 ± 2.4	5 ± 1.2		
100.0			12 ± 3.9	12 ± 0.9
250.0			23 ± 2.0	14 ± 1.5
500.0			16 ± 2.8	18 ± 1.2
750.0			7 ± 2.9	12 ± 2.3
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>3</sup>			874 ± 73.0	770 ± 17.7
Positive Control <sup>4</sup>	516 ± 2.8	412 ± 4.4		

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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>	129 ± 4.9	109 ± 2.9	140 ± 5.8	164 ± 17.5
5.0	117 ± 8.1	140 ± 3.5		
10.0	109 ± 4.6	139 ± 7.0		
25.0	109 ± 3.8	109 ± 6.4		
50.0	107 ± 3.7	125 ± 6.0	127 ± 14.8	195 ± 16.7
75.0	99 ± 5.7	107 ± 2.3		
100.0			128 ± 13.1	179 ± 1.9
250.0			141 ± 6.7	154 ± 3.5
500.0			136 ± 8.8	134 ± 3.3
750.0			129 ± 7.8	144 ± 17.7
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>5</sup>			1205 ± 25.7	850 ± 20.8
Positive Control <sup>6</sup>	949 ± 74.6	1343 ± 26.3		

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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

\*\* END OF REPORT \*\*