

Experiment Number: A13041

Test Type: **Genetic Toxicology - Bacterial  
Mutagenicity**

**G06: Ames Summary Data**

Test Compound: **S-adenosylmethionine**

CAS Number: **29908-03-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **21:09:38**

**NTP Study Number:**

A13041

**Study Result:**

Negative

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**Strain: TA100**

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<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>	137 ± 15.2	157 ± 2.5
100.0	167 ± 0.9	189 ± 11.4
333.0	167 ± 7.9	168 ± 13.0
1000.0	162 ± 5.2	160 ± 6.9
3333.0	162 ± 9.5	130 ± 8.4
10000.0	159 ± 9.5	148 ± 10.5
Trial Summary	Negative	Negative
Positive Control <sup>2</sup>	464 ± 23.8	
Positive Control <sup>3</sup>		546 ± 9.6

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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>	12 ± 0.9	17 ± 1.9
100.0	15 ± 0.6	16 ± 0.3
333.0	15 ± 0.6	16 ± 1.2
1000.0	15 ± 0.6	17 ± 0.9
3333.0	15 ± 0.7	16 ± 0.7
10000.0	16 ± 0.3	15 ± 0.9
Trial Summary	Negative	Negative
Positive Control <sup>4</sup>		463 ± 16.8
Positive Control <sup>5</sup>	88 ± 13.7	

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**Strain: TA102**

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<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>	429 ± 2.3	434 ± 5.7
100.0	424 ± 22.1	477 ± 11.5
333.0	415 ± 12.6	451 ± 9.4
1000.0	411 ± 5.5	414 ± 19.3
3333.0	409 ± 10.4	410 ± 9.8
10000.0	432 ± 13.9	370 ± 13.7
Trial Summary	Negative	Negative
Positive Control <sup>6</sup>		1063 ± 39.0
Positive Control <sup>7</sup>	936 ± 25.5	

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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: Water

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 4-Nitro-O-Phenylenediamine

6: 10.0 ug/Plate Sterigmatocystin

7: 75.0 ug/Plate Other Positive Control

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