

Experiment Number: 783880

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Aflatoxin derivative (N1D-82107)

CAS Number: EMTDP-12

Date Report Requested: 09/18/2018

Time Report Requested: 02:01:18

**NTP Study Number:**

783880

**Study Result:**

Positive

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**Strain: TA100**

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<b>Dose (ug/Plate)</b>	<b>With 10% Rat S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>		111 ± 10.8
0.1		95 ± 1.8
0.3		105 ± 4.9
1.0		110 ± 3.1
3.3		113 ± 9.0
10.0		153 ± 1.5
33.0		211 ± 18.4
100.0		272 ± 8.5
333.0		154 ± 7.0 <sup>s</sup>
1000.0		80 ± 2.5 <sup>s</sup>
3420.0	42 ± 19.6 <sup>s</sup>	
Trial Summary	Positive	Positive
Positive Control <sup>2</sup>	469 ± 23.7	469 ± 23.7

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**Strain: TA98**

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<b>Dose (ug/Plate)</b>	<b>With 10% Rat S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>		30 ± 2.3
0.1		33 ± 0.7
0.3		33 ± 2.9
1.0		32 ± 1.2
3.3		34 ± 1.2
10.0		46 ± 1.8
33.0		58 ± 3.0
100.0		68 ± 3.7
333.0		73 ± 3.4
1000.0		22 ± 3.7 <sup>s</sup>
3420.0	15 ± 2.5 <sup>s</sup>	
Trial Summary	Weakly Positive	Weakly Positive
Positive Control <sup>2</sup>	466 ± 20.1	466 ± 20.1

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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: 1.5 ug/Plate 2-Aminoanthracene

s: Slight Toxicity

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