

Experiment Number: 997676

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Aflatoxin derivative (N1D-82107)

CAS Number: EMTDP-12

Date Report Requested: 09/15/2018

Time Report Requested: 10:15:47

**NTP Study Number:**

997676

**Study Result:**

Positive

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Strain: TA100

Dose (ug/Plate)	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>		170 ± 2.4	106 ± 8.4
0.001		143 ± 6.1	
0.002		158 ± 9.7	
0.003		175 ± 4.5	143 ± 4.4
	0.006		152 ± 1.9
164 ± 4.4		0.01	
177 ± 11.1		0.018	
172 ± 13.9		0.032	
170 ± 15.4		0.056	166 ± 14.4
		0.1	154 ± 0.7
		10.0	
	185 ± 8.7	33.0	
	256 ± 13.7	100.0	
	328 ± 9.0	333.0	
	182 ± 8.8 <sup>s</sup>	500.0	
	148 ± 29.0 <sup>s</sup>		
Trial Summary	Negative	Negative	Positive
Positive Control <sup>2</sup>	1164 ± 37.7	1164 ± 37.7	469 ± 23.7

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**Strain: TA98**

Dose (ug/Plate)	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	33 ± 3.3		33 ± 4.3
0.001	33 ± 2.7		
0.002	37 ± 3.0		
0.003	35 ± 1.0	35 ± 4.4	
	0.006	31 ± 2.4	30 ± 0.9
		0.01	37 ± 1.9
		0.018	28 ± 1.5
		0.032	42 ± 3.7
		0.056	
26 ± 2.9		0.1	
30 ± 4.3		10.0	
	45 ± 3.5	33.0	
	68 ± 4.0	100.0	
	78 ± 3.5	333.0	
	70 ± 2.7	500.0	
	64 ± 6.1		
Trial Summary	Negative	Negative	Positive
Positive Control <sup>2</sup>	823 ± 33.7	826 ± 30.7	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 \*\***