

Experiment Number: 000003

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Aflatoxin-B1

CAS Number: 1162-65-8

Date Report Requested: 09/13/2018

Time Report Requested: 23:13:29

**NTP Study Number:**

000003

**Study Result:**

Positive

Experiment Number: 000003  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: Aflatoxin-B1  
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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>		131 ± 4.0
0.0		171 ± 5.9
0.001		159 ± 11.5
178 ± 9.1	0.002	
172 ± 1.9	0.003	
214 ± 19.1	0.006	
270 ± 16.0	0.01	
544 ± 7.4	0.018	
566 ± 1.5	0.032	
743 ± 19.5	0.056	782 ± 74.3 <sup>s</sup>
	0.1	421 ± 36.9 <sup>s</sup>
Trial Summary	Positive	Positive
Positive Control <sup>2</sup>	1164 ± 37.7	1164 ± 37.7

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**Strain: TA98**

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Dose (ug/Plate)	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	28 ± 2.4	
0.0	30 ± 5.0	
0.001	35 ± 2.4	41 ± 2.9
	0.002	42 ± 3.8
	0.003	59 ± 2.6
	0.006	69 ± 5.2
	0.01	131 ± 11.7
	0.018	159 ± 21.3
	0.032	253 ± 17.1
	0.056	
521 ± 29.7	0.1	
1134 ± 52.3		
Trial Summary	Positive	Positive
Positive Control <sup>2</sup>	823 ± 33.7	823 ± 33.7

Experiment Number: 000003

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

**G06: Ames Summary Data**

Test Compound: **Aflatoxin-B1**

CAS Number: **1162-65-8**

Date Report Requested: **09/13/2018**

Time Report Requested: **23:13:29**

### **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 \*\***