

Experiment Number: 883922

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: 4-Dimethylaminoazobenzene

CAS Number: 60-11-7

Date Report Requested: 09/16/2018

Time Report Requested: 19:48:14

**NTP Study Number:**

883922

**Study Result:**

Positive

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**Strain: TA100**

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<b>Dose (ug/Plate)</b>	<b>With 30% Rat S9</b>	<b>With 30% Rat S9</b>	<b>With 30% Rat S9</b>	<b>With 30% Rat S9</b>
Vehicle Control <sup>1</sup>	103 ± 5.5	93 ± 2.4	93 ± 2.9	129 ± 5.8
56.0	139 ± 5.9 <sup>x</sup>	186 ± 2.3	191 ± 6.5	142 ± 11.6 <sup>x</sup>
113.0	144 ± 3.5 <sup>x</sup>	199 ± 4.1	218 ± 19.2	164 ± 12.3 <sup>x</sup>
225.0	179 ± 10.7 <sup>x</sup>	241 ± 18.8	312 ± 52.1	184 ± 9.2 <sup>x</sup>
450.0	176 ± 15.7 <sup>x</sup>	285 ± 7.6	358 ± 18.3	167 ± 6.4 <sup>x</sup>
900.0	152 ± 10.5 <sup>x</sup>	278 ± 15.7	341 ± 16.0	231 ± 10.3 <sup>x</sup>
Trial Summary	Weakly Positive	Positive	Positive	Weakly Positive
Positive Control <sup>2</sup>		301 ± 17.6	224 ± 9.8	
Positive Control <sup>3</sup>	207 ± 1.2 <sup>x</sup>			258 ± 10.6 <sup>x</sup>

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**Strain: TA98**

Dose (ug/Plate)	With 30% Rat S9	With 30% Rat S9	With 30% Rat S9	With 30% Rat S9
Vehicle Control <sup>1</sup>	16 ± 2.7	14 ± 1.3	18 ± 2.7	21 ± 0.3
56.0	63 ± 3.6	49 ± 7.7 <sup>x</sup>	42 ± 4.9 <sup>x</sup>	57 ± 4.2
113.0	100 ± 14.4	62 ± 1.0 <sup>x</sup>	56 ± 6.6 <sup>x</sup>	83 ± 7.0
225.0	103 ± 18.8	65 ± 2.0 <sup>x</sup>	63 ± 9.3 <sup>x</sup>	143 ± 10.2
450.0	155 ± 7.5	83 ± 7.0 <sup>x</sup>	77 ± 1.2 <sup>x</sup>	122 ± 18.3
900.0	132 ± 10.8	100 ± 17.2 <sup>x</sup>	76 ± 2.7 <sup>x</sup>	83 ± 11.5
Trial Summary	Positive	Positive	Positive	Positive
Positive Control <sup>2</sup>	178 ± 7.0			130 ± 5.8
Positive Control <sup>3</sup>		115 ± 3.5 <sup>x</sup>	141 ± 0.6 <sup>x</sup>	

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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 2-Aminoanthracene

3: 240.0 ug/Plate Other Positive Control

x: Slight Toxicity and Precipitate

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