

Experiment Number: 880943

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: 2-Biphenylamine hydrochloride

CAS Number: 2185-92-4

Date Report Requested: 09/16/2018

Time Report Requested: 19:26:22

**NTP Study Number:**

880943

**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>	<b>With 10% Mouse S9</b>	<b>With 10% Mouse S9</b>
Vehicle Control <sup>1</sup>	95 ± 6.5	137 ± 4.9	100 ± 8.2	133 ± 1.3
10.0	109 ± 3.2	134 ± 7.4	91 ± 6.1	100 ± 7.4
33.0	125 ± 4.9	139 ± 7.7	95 ± 2.3	116 ± 4.9
100.0	202 ± 7.3	182 ± 5.4	100 ± 5.9	126 ± 5.3
333.0	325 ± 13.6	498 ± 28.0	111 ± 0.7	148 ± 0.7
1000.0	295 ± 22.8 <sup>s</sup>	483 ± 25.6 <sup>s</sup>	149 ± 1.5 <sup>s</sup>	91 ± 25.8 <sup>s</sup>
Trial Summary	Positive	Positive	Equivocal	Negative
Positive Control <sup>2</sup>	1193 ± 22.6	593 ± 21.9	1210 ± 82.5	970 ± 11.8

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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>	<b>With 10% Mouse S9</b>	<b>With 10% Mouse S9</b>
Vehicle Control <sup>1</sup>	25 ± 0.3	14 ± 1.5	18 ± 1.5	18 ± 0.7
10.0	24 ± 1.5	20 ± 4.6	23 ± 3.1	32 ± 2.1
33.0	25 ± 3.1	26 ± 2.0	23 ± 1.3	24 ± 2.3
100.0	26 ± 1.7	24 ± 1.2	26 ± 3.5	31 ± 4.0
333.0	30 ± 1.7	49 ± 0.9	30 ± 1.5	29 ± 0.9
1000.0	21 ± 2.4 <sup>s</sup>	14 ± 2.1 <sup>s</sup>	25 ± 0.3 <sup>s</sup>	22 ± 3.3 <sup>s</sup>
Trial Summary	Negative	Equivocal	Negative	Negative
Positive Control <sup>2</sup>	1219 ± 23.1	277 ± 8.1	1345 ± 14.8	575 ± 35.8

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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

s: Slight Toxicity

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