

Experiment Number: 806178

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

**G06: Ames Summary Data**

Test Compound: 1,1,1,2-Tetrachloroethane

CAS Number: 630-20-6

Date Report Requested: 09/15/2018

Time Report Requested: 09:22:48

**NTP Study Number:**

806178

**Study Result:**

Negative

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**Strain: TA100**

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<b>Dose (ug/Plate)</b>	<b>With 10% Mouse S9</b>	<b>With 10% Mouse S9</b>
Vehicle Control <sup>1</sup>	103 ± 6.6	95 ± 2.6
33.0	86 ± 5.7	95 ± 10.1
100.0	94 ± 4.4	98 ± 3.8
333.0	103 ± 3.7	100 ± 1.5
1000.0	95 ± 5.5	87 ± 7.4 <sup>s</sup>
3333.0	58 ± 8.0 <sup>s</sup>	77 ± 1.9 <sup>s</sup>
Trial Summary	Negative	Negative
Positive Control <sup>2</sup>	270 ± 21.4	349 ± 16.8

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**Strain: TA1535**

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<b>Dose (ug/Plate)</b>	<b>With 10% Mouse S9</b>	<b>With 10% Mouse S9</b>
Vehicle Control <sup>1</sup>	10 ± 1.0	13 ± 4.0
33.0	11 ± 0.9	15 ± 1.2
100.0	9 ± 2.5	12 ± 1.9
333.0	8 ± 0.3	11 ± 1.9
1000.0	9 ± 1.2	10 ± 1.8 <sup>s</sup>
3333.0	7 ± 0.0 <sup>s</sup>	13 ± 2.3 <sup>s</sup>
Trial Summary	Negative	Negative
Positive Control <sup>2</sup>	58 ± 2.3	51 ± 1.2

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**Strain: TA97**

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<b>Dose (ug/Plate)</b>	<b>With 10% Mouse S9</b>	<b>With 10% Mouse S9</b>
Vehicle Control <sup>1</sup>	111 ± 3.5	104 ± 1.5
33.0	101 ± 2.3	116 ± 10.0
100.0	107 ± 3.1	97 ± 2.1
333.0	97 ± 5.8	105 ± 9.5
1000.0	75 ± 6.1 <sup>s</sup>	87 ± 5.0 <sup>s</sup>
3333.0	60 ± 14.4 <sup>s</sup>	70 ± 10.1 <sup>s</sup>
Trial Summary	Negative	Negative
Positive Control <sup>2</sup>	183 ± 5.6	189 ± 13.7

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**Strain: TA98**

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<b>Dose (ug/Plate)</b>	<b>With 10% Mouse S9</b>	<b>With 10% Mouse S9</b>
Vehicle Control <sup>1</sup>	20 ± 3.8	25 ± 3.5
33.0	23 ± 2.0	28 ± 1.0
100.0	18 ± 1.0	28 ± 0.3
333.0	20 ± 1.2	24 ± 3.0
1000.0	13 ± 3.2 <sup>s</sup>	26 ± 0.6 <sup>s</sup>
3333.0	11 ± 1.7 <sup>s</sup>	23 ± 3.5 <sup>s</sup>
Trial Summary	Negative	Negative
Positive Control <sup>2</sup>	156 ± 2.0	210 ± 1.8

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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 \*\***