

Experiment Number: A88322

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

**G06: Ames Summary Data**

Test Compound: **3,3',4,4'-Tetrachloroazoxybenzene**

CAS Number: **21232-47-3**

Date Report Requested: **09/18/2018**

Time Report Requested: **04:59:17**

**NTP Study Number:**

A88322

**Study Result:**

Negative

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**Strain: TA100**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 30% Rat S9</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	101 ± 5.3	114 ± 11.7	93 ± 4.2
100.0	75 ± 6.1	123 ± 9.4 <sup>P</sup>	97 ± 14.9 <sup>P</sup>
333.0	78 ± 3.3	106 ± 6.1 <sup>P</sup>	83 ± 3.2 <sup>P</sup>
1000.0	81 ± 2.9	112 ± 13.1 <sup>P</sup>	92 ± 4.7 <sup>P</sup>
3333.0	80 ± 3.0 <sup>P</sup>	114 ± 5.7 <sup>P</sup>	90 ± 2.5 <sup>P</sup>
10000.0	80 ± 1.7 <sup>P</sup>	107 ± 14.0 <sup>P</sup>	85 ± 5.1 <sup>P</sup>
Trial Summary	Negative	Negative	Negative
Positive Control <sup>2</sup>			779 ± 4.5
Positive Control <sup>3</sup>	456 ± 26.4		
Positive Control <sup>4</sup>		520 ± 4.4	

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**Strain: TA1535**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 30% Rat S9</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	14 ± 2.8	18 ± 2.3	20 ± 6.5
100.0	12 ± 2.9	22 ± 2.8	13 ± 2.7
333.0	11 ± 0.9	19 ± 0.6	17 ± 4.2
1000.0	10 ± 2.7	18 ± 1.7	20 ± 4.5
3333.0	9 ± 3.1 <sup>P</sup>	16 ± 3.4 <sup>P</sup>	19 ± 4.2 <sup>P</sup>
10000.0	11 ± 3.8 <sup>P</sup>	23 ± 3.3 <sup>P</sup>	19 ± 1.2 <sup>P</sup>
Trial Summary	Negative	Negative	Negative
Positive Control <sup>2</sup>		51 ± 0.6	396 ± 45.1
Positive Control <sup>3</sup>	538 ± 6.1		

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**Strain: TA97**

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<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 30% Rat S9</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	89 ± 4.7	200 ± 3.4	150 ± 11.7
100.0	92 ± 8.5	219 ± 14.5	159 ± 2.8
333.0	88 ± 3.2	211 ± 23.6	160 ± 13.1
1000.0	75 ± 2.6	232 ± 9.1	148 ± 18.3
3333.0	85 ± 5.0 <sup>P</sup>	210 ± 4.2 <sup>P</sup>	169 ± 13.7 <sup>P</sup>
10000.0	73 ± 3.2 <sup>P</sup>	213 ± 2.3 <sup>P</sup>	162 ± 11.9 <sup>P</sup>
Trial Summary	Negative	Negative	Negative
Positive Control <sup>2</sup>			815 ± 48.5
Positive Control <sup>4</sup>		520 ± 31.0	
Positive Control <sup>5</sup>	253 ± 11.3		

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## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	21 ± 2.9	31 ± 3.1	31 ± 2.6	41 ± 4.7
100.0	22 ± 3.8 <sup>P</sup>	34 ± 3.5	33 ± 3.2 <sup>P</sup>	39 ± 2.5 <sup>P</sup>
333.0	19 ± 0.9 <sup>P</sup>	24 ± 1.5	34 ± 4.5 <sup>P</sup>	38 ± 2.8 <sup>P</sup>
1000.0	22 ± 2.7 <sup>P</sup>	30 ± 1.3	32 ± 1.5 <sup>P</sup>	32 ± 6.7 <sup>P</sup>
3333.0	21 ± 0.3 <sup>P</sup>	35 ± 3.8	37 ± 2.3 <sup>P</sup>	31 ± 3.0 <sup>P</sup>
10000.0	34 ± 2.7 <sup>P</sup>	34 ± 2.7	35 ± 0.7 <sup>P</sup>	31 ± 2.3 <sup>P</sup>
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>6</sup>	148 ± 24.8	153 ± 9.7		
Positive Control <sup>2</sup>			224 ± 5.0	887 ± 3.9

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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: 95% Ethanol

2: 1.0 ug/Plate 2-Aminoanthracene

3: 1.0 ug/Plate Sodium Azide

4: 2.0 ug/Plate 2-Aminoanthracene

5: 50.0 ug/Plate 9-Aminoacridine

6: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

p: Precipitate

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