

Experiment Number: A44427

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

CAS Number: 21850-44-2

Date Report Requested: 09/17/2018

Time Report Requested: 00:43:20

**NTP Study Number:**

A44427

**Study Result:**

Negative

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**Strain: TA100**

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<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>	146 ± 7.7	138 ± 6.1
100.0	146 ± 10.7	137 ± 6.5
333.0	145 ± 6.4	100 ± 11.0
1000.0	160 ± 8.3 <sup>P</sup>	131 ± 8.5 <sup>P</sup>
3333.0	193 ± 13.9 <sup>X</sup>	158 ± 6.7 <sup>X</sup>
10000.0	186 ± 4.2 <sup>X</sup>	145 ± 7.7 <sup>X</sup>
Trial Summary	Negative	Negative
Positive Control <sup>2</sup>	534 ± 32.9	
Positive Control <sup>3</sup>		759 ± 26.7

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**Strain: TA98**

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<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>	14 ± 1.8	23 ± 0.3
100.0	14 ± 0.3	22 ± 3.0
333.0	14 ± 1.9	23 ± 1.3
1000.0	16 ± 1.5 <sup>P</sup>	29 ± 1.5 <sup>P</sup>
3333.0	15 ± 2.6 <sup>X</sup>	23 ± 3.8 <sup>X</sup>
10000.0	15 ± 0.7 <sup>X</sup>	23 ± 4.5 <sup>X</sup>
Trial Summary	Negative	Negative
Positive Control <sup>4</sup>		488 ± 34.2
Positive Control <sup>5</sup>	78 ± 7.4	

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**Strain: TA102**

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<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>	332 ± 24.4	397 ± 20.3
100.0	357 ± 21.9	380 ± 12.0
333.0	302 ± 19.3	399 ± 1.7
1000.0	302 ± 6.2	345 ± 8.0
3333.0	264 ± 10.5 <sup>P</sup>	343 ± 14.1 <sup>P</sup>
10000.0	304 ± 8.7 <sup>P</sup>	391 ± 11.7 <sup>P</sup>
Trial Summary	Negative	Negative
Positive Control <sup>6</sup>		1626 ± 24.5
Positive Control <sup>7</sup>	999 ± 16.3	

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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: 0.5 ug/Plate Sodium Azide

3: 0.75 ug/Plate 2-Aminoanthracene

4: 0.4 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate Other Positive Control

6: 10.0 ug/Plate Sterigmatocystin

7: 75.0 ug/Plate Other Positive Control

p: Precipitate

x: Slight Toxicity and Precipitate

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