

Experiment Number: A91824

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Tetrabromo-o-cresol

CAS Number: 576-55-6

Date Report Requested: 09/15/2018

Time Report Requested: 12:15:09

**NTP Study Number:**

A91824

**Study Result:**

Negative

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## Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	68 ± 4.3	55 ± 4.5	66 ± 6.7	58 ± 5.2
1.0		65 ± 2.6		
2.5	62 ± 3.6	69 ± 2.4		
5.0	53 ± 1.2	67 ± 3.8	73 ± 6.1	
7.5		54 ± 2.3		
10.0	Toxic	61 ± 2.5	53 ± 15.4	63 ± 5.8
25.0	Toxic	37 ± 4.3	64 ± 4.0	70 ± 5.8
50.0	Toxic	Toxic	58 ± 1.7	67 ± 4.7
75.0			64 ± 2.4	69 ± 3.6
100.0			44 ± 1.5	55 ± 1.2
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>		293 ± 15.3		
Positive Control <sup>3</sup>	399 ± 1.5			
Positive Control <sup>4</sup>			610 ± 46.1	784 ± 47.9

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## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	28 ± 2.9	18 ± 0.9	20 ± 0.3	36 ± 1.9
1.0		19 ± 1.9		
2.5	27 ± 1.5	18 ± 1.7		
5.0	28 ± 2.3	19 ± 3.7	28 ± 1.7	
7.5		14 ± 0.7		
10.0	25 ± 3.8	18 ± 2.3	29 ± 1.5	36 ± 1.7
25.0	14 ± 2.0	13 ± 0.9	24 ± 2.2	38 ± 4.0
50.0	Toxic	Toxic	22 ± 0.6	32 ± 0.6
75.0			18 ± 2.6	29 ± 0.9
100.0			Toxic	24 ± 2.0
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>4</sup>			854 ± 28.0	637 ± 27.9
Positive Control <sup>5</sup>	525 ± 20.7	427 ± 38.7		

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## Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	147 ± 10.5	102 ± 3.0	195 ± 6.1	125 ± 5.5
2.5	151 ± 3.2	115 ± 8.4		
5.0	144 ± 4.8	109 ± 9.2	160 ± 3.1	
10.0	134 ± 7.2	137 ± 7.2	153 ± 3.2	117 ± 7.0
25.0	111 ± 5.8	91 ± 3.6 <sup>s</sup>	134 ± 1.9	144 ± 5.7
50.0	Toxic	72 ± 1.5 <sup>s</sup>	114 ± 6.2	133 ± 6.7
75.0			Toxic	128 ± 4.0
100.0			Toxic	133 ± 4.1
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>6</sup>			1065 ± 11.8	708 ± 17.8
Positive Control <sup>7</sup>	1719 ± 17.4	863 ± 90.4		

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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: 1.0 ug/Plate Sodium Azide

4: 2.5 ug/Plate 2-Aminoanthracene

5: 5.0 ug/Plate 2-Nitrofluorene

6: 20.0 ug/Plate 2-Aminoanthracene

7: 4000.0 ug/Plate Methyl Methane Sulfonate

s: Slight Toxicity

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