

Experiment Number: **G08036**

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

**G06: Ames Summary Data**

Test Compound: **Tris(4-chlorophenyl)methane**

CAS Number: **27575-78-6**

Date Report Requested: **09/15/2018**

Time Report Requested: **22:40:00**

**NTP Study Number:**

G08036

**Study Result:**

Negative

Experiment Number: G08036

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Tris(4-chlorophenyl)methane

CAS Number: 27575-78-6

Date Report Requested: 09/15/2018

Time Report Requested: 22:40:00

## Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	85 ± 3.2	81 ± 6.0	105 ± 14.1	100 ± 7.5
100.0	93 ± 4.7	89 ± 4.7	103 ± 8.3	91 ± 10.0
250.0	106 ± 8.9	80 ± 3.5	108 ± 7.0	101 ± 5.0
500.0	94 ± 4.7	91 ± 6.0	99 ± 4.8	107 ± 10.1
1000.0	77 ± 7.6	89 ± 5.7	88 ± 2.5	95 ± 6.1
3000.0	87 ± 5.5	81 ± 3.1 <sup>P</sup>	96 ± 2.3	87 ± 8.6
6000.0	96 ± 5.5	77 ± 2.0 <sup>P</sup>	108 ± 2.0 <sup>P</sup>	84 ± 5.8 <sup>P</sup>
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	801 ± 45.6	670 ± 7.9		
Positive Control <sup>3</sup>			523 ± 36.5	392 ± 10.7

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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>	25 ± 2.6	20 ± 2.6	23 ± 5.2	24 ± 2.3
100.0	16 ± 2.7	18 ± 1.5	28 ± 2.0	16 ± 2.7
250.0	22 ± 1.7	15 ± 2.1	22 ± 1.2	27 ± 1.2
500.0	17 ± 2.3	22 ± 3.1	31 ± 6.1	22 ± 5.7
1000.0	17 ± 2.8	26 ± 3.3	23 ± 5.3	23 ± 1.5
3000.0	26 ± 2.1	16 ± 1.5 <sup>p</sup>	19 ± 2.8	25 ± 1.0 <sup>p</sup>
6000.0	11 ± 3.5 <sup>p</sup>	17 ± 2.8 <sup>p</sup>	24 ± 1.5 <sup>p</sup>	17 ± 1.5 <sup>p</sup>
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>4</sup>			1436 ± 43.3	1392 ± 25.0
Positive Control <sup>5</sup>	606 ± 57.6	602 ± 11.7		

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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>	129 ± 8.4	126 ± 10.1	195 ± 7.3	171 ± 9.9
100.0	134 ± 4.4	123 ± 5.0	183 ± 5.8	176 ± 3.5
250.0	128 ± 2.3	128 ± 10.4	198 ± 5.0	182 ± 13.3
500.0	130 ± 5.9	128 ± 11.0	201 ± 2.5	163 ± 4.9
1000.0	129 ± 2.6	125 ± 2.6	178 ± 8.5	170 ± 2.6
3000.0	118 ± 2.3 <sup>p</sup>	112 ± 2.0 <sup>p</sup>	142 ± 3.8	145 ± 3.2
6000.0	129 ± 9.8 <sup>p</sup>	118 ± 8.4 <sup>p</sup>	128 ± 8.4 <sup>p</sup>	141 ± 4.1 <sup>p</sup>
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>6</sup>	2931 ± 78.8	2634 ± 53.2		
Positive Control <sup>7</sup>			1442 ± 20.1	1393 ± 51.8

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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 Sodium Azide

3: 2.0 ug/Plate Other Positive Control

4: 2.0 ug/Plate 2-Aminoanthracene

5: 3.0 ug/Plate 2-Nitrofluorene

6: 0.25 ug/Plate Other Positive Control

7: 20.0 ug/Plate 2-Aminoanthracene

p: Precipitate

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