

Experiment Number: **A67820**

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

**G06: Ames Summary Data**

Test Compound: **Dichloroacetic acid**

CAS Number: **79-43-6**

Date Report Requested: **09/17/2018**

Time Report Requested: **14:15:24**

**NTP Study Number:**

A67820

**Study Result:**

Positive

Experiment Number: A67820  
 Test Type: Genetic Toxicology - Bacterial  
 Mutagenicity

**G06: Ames Summary Data**  
 Test Compound: Dichloroacetic acid  
 CAS Number: 79-43-6

Date Report Requested: 09/17/2018  
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**Strain: TA100**

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	132 ± 3.3	105 ± 12.0	149 ± 1.7	142 ± 15.4
0.0		0 ± 0.0		
33.0	113 ± 13.0		143 ± 4.8	153 ± 3.8
100.0	128 ± 5.0		164 ± 11.7	161 ± 1.8
333.0	135 ± 9.0	113 ± 8.3	148 ± 7.0	133 ± 3.8
666.0		131 ± 5.2		
1000.0	180 ± 3.2	158 ± 5.5	148 ± 3.8	145 ± 9.9
1666.0		194 ± 5.0		
3333.0	442 ± 19.6	315 ± 30.7	137 ± 3.0	139 ± 2.2
6666.0		Toxic		
Trial Summary	Positive	Positive	Negative	Negative
Positive Control <sup>2</sup>				1022 ± 22.5
Positive Control <sup>3</sup>	951 ± 25.6	919 ± 17.2		
Positive Control <sup>4</sup>			629 ± 50.7	

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Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	17 ± 0.3	26 ± 1.5	22 ± 2.1
33.0	19 ± 1.2	17 ± 1.7	20 ± 2.4
100.0	18 ± 2.0	20 ± 3.2	26 ± 0.9
333.0	19 ± 2.6	12 ± 0.3	25 ± 2.5
1000.0	18 ± 1.5	18 ± 2.0	21 ± 2.5
3333.0	11 ± 5.2	25 ± 2.3	23 ± 3.2
Trial Summary	Negative	Negative	Negative
Positive Control <sup>2</sup>			841 ± 75.9
Positive Control <sup>5</sup>	319 ± 7.7		
Positive Control <sup>4</sup>		511 ± 34.1	

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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: Water

2: 2.0 ug/Plate 2-Aminoanthracene

3: 5.0 ug/Plate Sodium Azide

4: 5.0 ug/Plate 2-Aminoanthracene

5: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

\*\* END OF REPORT \*\*