

Experiment Number: 356034

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

**G06: Ames Summary Data**

Test Compound: **Dichloroacetyl chloride**

CAS Number: **79-36-7**

Date Report Requested: **09/13/2018**

Time Report Requested: **16:15:44**

**NTP Study Number:**

356034

**Study Result:**

Positive

Experiment Number: 356034

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Dichloroacetyl chloride

CAS Number: 79-36-7

Date Report Requested: 09/13/2018

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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>	159 ± 8.1	118 ± 8.4	144 ± 2.4	148 ± 8.5
3.0	162 ± 7.8			
33.0	166 ± 7.5	109 ± 2.7		
100.0		126 ± 9.6	162 ± 10.5	159 ± 4.3
333.0	309 ± 19.1	232 ± 5.0	143 ± 11.8	164 ± 9.3
1000.0	571 ± 17.2	481 ± 15.5	144 ± 19.7	148 ± 8.4
1666.0		811 ± 28.9		
3333.0	691 ± 63.3		111 ± 8.4 <sup>p</sup>	111 ± 8.5 <sup>p</sup>
6666.0			0 ± 0.0 <sup>x</sup>	0 ± 0.0 <sup>x</sup>
Trial Summary	Positive	Positive	Negative	Negative
Positive Control <sup>2</sup>				595 ± 4.0
Positive Control <sup>3</sup>	398 ± 5.9	319 ± 27.6		
Positive Control <sup>4</sup>			442 ± 15.4	

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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>	26 ± 2.4	14 ± 2.6	42 ± 5.7	32 ± 4.2
3.0	21 ± 1.3			
33.0	22 ± 3.8			
100.0		18 ± 1.5	38 ± 1.3	28 ± 3.8
333.0	24 ± 2.0	19 ± 4.4	33 ± 1.7	29 ± 5.3
666.0		18 ± 1.5		
1000.0	45 ± 4.4	23 ± 0.9	37 ± 1.5	24 ± 1.7
1666.0		28 ± 3.2		
3333.0	29 ± 4.4		26 ± 1.5 <sup>P</sup>	18 ± 2.7 <sup>P</sup>
6666.0			0 ± 0.0 <sup>X</sup>	0 ± 0.0 <sup>X</sup>
Trial Summary	Negative	Equivocal	Negative	Negative
Positive Control <sup>2</sup>			134 ± 10.2	414 ± 38.9
Positive Control <sup>5</sup>	716 ± 34.1	509 ± 27.5		

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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: Acetone

2: 1.0 ug/Plate 2-Aminoanthracene

3: 1.0 ug/Plate Sodium Azide

4: 2.5 ug/Plate 2-Aminoanthracene

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

p: Precipitate

x: Slight Toxicity and Precipitate

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