

Experiment Number: 283433

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

**G06: Ames Summary Data**

Test Compound: **Dichloran**

CAS Number: **99-30-9**

Date Report Requested: **09/11/2018**

Time Report Requested: **15:11:37**

**NTP Study Number:**

283433

**Study Result:**

Positive

Experiment Number: 283433

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

**G06: Ames Summary Data**

Test Compound: **Dichloran**

CAS Number: **99-30-9**

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**Strain: TA100**

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<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 30% Rat S9</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	81 ± 10.8	115 ± 3.3	120 ± 9.5
33.0	76 ± 8.3	131 ± 6.7	147 ± 4.8
100.0	77 ± 8.0	114 ± 10.4	146 ± 13.9
333.0	80 ± 12.9	118 ± 9.5	163 ± 11.5
1000.0	101 ± 14.2	119 ± 5.9	150 ± 7.4
2000.0	38 ± 5.4 <sup>s</sup>	173 ± 11.5 <sup>s</sup>	72 ± 8.2 <sup>s</sup>
Trial Summary	Negative	Equivocal	Equivocal
Positive Control <sup>2</sup>	189 ± 5.8		
Positive Control <sup>3</sup>			432 ± 7.0
Positive Control <sup>4</sup>		352 ± 20.6	

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## G06: Ames Summary Data

Test Compound: Dichloran

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## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	15 ± 2.5	26 ± 4.3	16 ± 3.2	26 ± 1.5	26 ± 2.8
10.0		28 ± 3.0			
33.0	43 ± 2.0	48 ± 1.3	32 ± 2.0	42 ± 3.2	39 ± 2.0
100.0	79 ± 5.4	89 ± 2.8	31 ± 4.7	58 ± 6.6	54 ± 3.8
333.0	92 ± 3.9	143 ± 0.9	48 ± 4.6	96 ± 2.6	96 ± 3.0
1000.0	140 ± 18.6	214 ± 11.6	85 ± 10.6	168 ± 10.8	138 ± 14.7
2000.0	3 ± 0.3 <sup>s</sup>		128 ± 16.6 <sup>s</sup>	322 ± 42.8	168 ± 14.2 <sup>s</sup>
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control <sup>5</sup>					55 ± 6.8
Positive Control <sup>3</sup>			85 ± 12.8	153 ± 16.5	
Positive Control <sup>6</sup>	67 ± 5.0	116 ± 0.5			

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**G06: Ames Summary Data**

Test Compound: **Dichloran**

CAS Number: **99-30-9**

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**Strain: TA98**

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<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	33 ± 3.9
10.0	
33.0	54 ± 3.8
100.0	83 ± 3.2
333.0	173 ± 19.8
1000.0	293 ± 11.0
2000.0	506 ± 41.9
Trial Summary	Positive
Positive Control <sup>5</sup>	1502 ± 354.3
Positive Control <sup>3</sup>	
Positive Control <sup>6</sup>	

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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: 1.0 ug/Plate 2-Aminoanthracene

4: 2.0 ug/Plate 2-Aminoanthracene

5: 0.4 ug/Plate 2-Aminoanthracene

6: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

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