

Experiment Number: **G14001B**

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

**G06: Ames Summary Data**

Test Compound: **4-Methylcyclohexanemethanol**

CAS Number: **34885-03-5**

Date Report Requested: **09/16/2018**

Time Report Requested: **03:41:35**

**NTP Study Number:**

G14001B

**Study Result:**

Negative

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G06: Ames Summary Data

Test Compound: 4-Methylcyclohexanemethanol

CAS Number: 34885-03-5

Date Report Requested: 09/16/2018

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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>	52 ± 3.0	94 ± 4.5	75 ± 5.3	90 ± 1.8
200.0	54 ± 1.0	96 ± 4.4	84 ± 7.5	107 ± 8.4
300.0	57 ± 3.5	97 ± 8.8	85 ± 4.2	98 ± 2.1
500.0	60 ± 4.6	86 ± 9.9	80 ± 5.8	89 ± 11.1
625.0	56 ± 7.1	87 ± 1.0	75 ± 3.8	92 ± 9.6
750.0	58 ± 16.7	84 ± 14.2	63 ± 8.4	84 ± 9.6
1000.0	Toxic	Toxic	Toxic	Toxic
2000.0	Toxic	Toxic	Toxic	Toxic
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	702 ± 38.8	482 ± 32.7		
Positive Control <sup>3</sup>			653 ± 30.8	849 ± 15.3

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**Strain: TA98**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>	18 ± 2.1	18 ± 2.1	20 ± 1.2	23 ± 2.6
200.0	14 ± 2.0	21 ± 2.6	12 ± 1.5	28 ± 5.2
300.0	18 ± 0.7	17 ± 1.9	15 ± 1.2	26 ± 0.9
500.0	16 ± 1.3	19 ± 0.9	16 ± 4.1	20 ± 3.6
625.0	13 ± 2.7	17 ± 1.0	20 ± 2.8	16 ± 0.7
750.0	12 ± 0.7	22 ± 0.3	14 ± 4.1	23 ± 1.5
1000.0	4 ± 3.0 <sup>s</sup>	8 ± 2.9 <sup>s</sup>	19 ± 3.1	14 ± 2.6
2000.0	Toxic	Toxic	Toxic	Toxic
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>4</sup>			1553 ± 133.9	1295 ± 116.8
Positive Control <sup>5</sup>	585 ± 13.0	789 ± 58.8		

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## G06: Ames Summary Data

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CAS Number: 34885-03-5

Date Report Requested: 09/16/2018

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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>	104 ± 7.5	118 ± 3.0	114 ± 2.9	159 ± 3.8
200.0	101 ± 8.1	144 ± 6.4		
300.0	96 ± 4.7	153 ± 5.8	147 ± 16.8	193 ± 5.7
500.0	104 ± 4.6	151 ± 6.6	134 ± 9.0	186 ± 5.8
625.0	99 ± 3.3	139 ± 14.4	124 ± 5.2	171 ± 4.6
750.0	89 ± 3.2	133 ± 20.9	140 ± 7.8	175 ± 5.3
1000.0	62 ± 7.1	44 ± 23.0 <sup>s</sup>	106 ± 11.0	157 ± 1.0
2000.0	Toxic	Toxic	1 ± 0.0 <sup>s</sup>	Toxic
4000.0			Toxic	Toxic
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>6</sup>	1241 ± 112.4	1065 ± 44.3		
Positive Control <sup>7</sup>			711 ± 34.8	1155 ± 40.1

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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: 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

s: Slight Toxicity

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