

Experiment Number: **G14002**

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

G06: Ames Summary Data

Test Compound: **4-Methoxymethylcyclohexylmethanol**

CAS Number: **98955-27-2**

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

Time Report Requested: **03:45:19**

NTP Study Number:

G14002

Study Result:

Negative

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Test Compound: 4-Methoxymethylcyclohexylmethanol
CAS Number: 98955-27-2

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 ¹	87 ± 6.2	96 ± 7.8	83 ± 6.3	93 ± 4.3
500.0	75 ± 6.9	81 ± 5.9	89 ± 5.2	94 ± 2.1
750.0	89 ± 7.8	91 ± 5.5	79 ± 13.2	100 ± 10.0
1000.0	89 ± 8.4	93 ± 9.2	80 ± 1.3	104 ± 10.1
2000.0	74 ± 4.2	100 ± 8.4	90 ± 1.9	95 ± 3.8
3000.0	81 ± 2.4	92 ± 1.0	79 ± 0.5	95 ± 7.1
5000.0	88 ± 2.9	80 ± 4.4	67 ± 3.8	92 ± 13.9
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²	798 ± 56.3	618 ± 80.2		
Positive Control ³			763 ± 33.6	980 ± 54.1

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	11 ± 2.7	10 ± 2.3	29 ± 3.2	22 ± 2.6
500.0	14 ± 1.7	15 ± 1.5	22 ± 0.7	23 ± 1.0
750.0	16 ± 1.2	17 ± 0.6	17 ± 0.9	22 ± 0.9
1000.0	18 ± 4.1	14 ± 3.1	19 ± 2.0	23 ± 4.3
2000.0	17 ± 0.3	19 ± 3.1	23 ± 1.2	19 ± 5.2
3000.0	16 ± 1.8	20 ± 2.7	17 ± 4.7	21 ± 3.0
5000.0	16 ± 1.2	14 ± 0.6	19 ± 1.8	22 ± 2.1
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁴			1507 ± 140.6	1510 ± 22.5
Positive Control ⁵	491 ± 26.5	591 ± 136.1		

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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 ¹	110 ± 2.6	119 ± 8.2	150 ± 12.3	156 ± 9.1
500.0	106 ± 7.2	132 ± 9.1	140 ± 10.7	164 ± 5.4
750.0	95 ± 9.0	108 ± 5.8	140 ± 10.5	155 ± 9.6
1000.0	102 ± 2.3	124 ± 10.9	138 ± 3.5	165 ± 4.7
2000.0	93 ± 3.8	105 ± 2.5	133 ± 7.4	150 ± 8.1
3000.0	87 ± 7.8	100 ± 9.1	105 ± 8.6	146 ± 10.3
5000.0	87 ± 4.7	77 ± 12.5	85 ± 10.0	111 ± 3.0
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁶	1605 ± 112.5	1892 ± 47.4		
Positive Control ⁷			1112 ± 40.0	1098 ± 43.4

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LEGEND

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

**** END OF REPORT ****