

Experiment Number: 331791

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

G06: Ames Summary Data

Test Compound: **o-Methoxyphenol**

CAS Number: **90-05-1**

Date Report Requested: **09/12/2018**

Time Report Requested: **16:59:35**

NTP Study Number:

331791

Study Result:

Negative

Experiment Number: 331791

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

G06: Ames Summary Data

Test Compound: **o-Methoxyphenol**

CAS Number: **90-05-1**

Date Report Requested: **09/12/2018**

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Strain: TA100

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	128 ± 7.2	118 ± 6.4	101 ± 3.0
33.0	132 ± 5.4	126 ± 4.2	109 ± 4.3
100.0	135 ± 6.1	124 ± 5.4	120 ± 1.8
333.0	130 ± 4.9	122 ± 8.7	130 ± 13.2
1000.0	124 ± 3.2	104 ± 9.1	111 ± 9.1
3333.0	69 ± 5.4 ^s	74 ± 5.2 ^s	85 ± 3.5 ^s
Trial Summary	Negative	Negative	Negative
Positive Control ²			1520 ± 60.1
Positive Control ³		1128 ± 23.8	
Positive Control ⁴	2382 ± 3.8		

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Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	25 ± 3.1	10 ± 0.0	11 ± 2.1
33.0	29 ± 2.3	13 ± 0.7	12 ± 1.3
100.0	26 ± 0.6	10 ± 0.6	8 ± 1.3
333.0	23 ± 4.4	7 ± 0.0	10 ± 1.7
1000.0	28 ± 4.1	12 ± 0.9	8 ± 0.0
3333.0	23 ± 1.0 ^s	11 ± 0.7 ^s	7 ± 1.9
Trial Summary	Negative	Negative	Negative
Positive Control ²			140 ± 7.5
Positive Control ³		71 ± 7.5	
Positive Control ⁴	1936 ± 4.4		

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Strain: TA1537

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	5 ± 2.1	8 ± 1.0	10 ± 0.9
33.0	9 ± 0.4	8 ± 1.2	8 ± 1.3
100.0	8 ± 0.3	10 ± 2.9	10 ± 2.9
333.0	8 ± 0.9	9 ± 3.5	9 ± 2.0
1000.0	7 ± 0.6	10 ± 0.9	9 ± 3.7
3333.0	5 ± 0.9 ^s	8 ± 0.7	7 ± 1.9 ^s
Trial Summary	Negative	Negative	Negative
Positive Control ²			137 ± 16.2
Positive Control ³		179 ± 15.7	
Positive Control ⁵	257 ± 97.0		

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Test Compound: **o-Methoxyphenol**

CAS Number: **90-05-1**

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Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	20 ± 1.0	28 ± 2.0	32 ± 1.5
33.0	20 ± 3.2	24 ± 1.3	30 ± 3.2
100.0	21 ± 1.9	30 ± 1.8	27 ± 2.6
333.0	21 ± 4.5	27 ± 0.6	28 ± 2.9
1000.0	18 ± 2.0	26 ± 4.1	21 ± 3.4
3333.0	13 ± 3.5 ^s	18 ± 3.8 ^s	22 ± 2.5 ^s
Trial Summary	Negative	Negative	Negative
Positive Control ²			1607 ± 59.0
Positive Control ³		1178 ± 28.1	
Positive Control ⁶	1795 ± 62.1		

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

G06: Ames Summary Data

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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: 0.75 ug/Plate 2-Aminoanthracene

3: 1.5 ug/Plate 2-Aminoanthracene

4: 2.5 ug/Plate Sodium Azide

5: 80.0 ug/Plate 9-Aminoacridine

6: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**** END OF REPORT ****