

Experiment Number: 334791

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: **22:13:34**

**NTP Study Number:**

334791

**Study Result:**

Negative

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## G06: Ames Summary Data

Test Compound: o-Methoxyphenol

CAS Number: 90-05-1

Date Report Requested: 09/12/2018

Time Report Requested: 22:13:34

## Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	100 ± 4.1	92 ± 5.8	163 ± 16.2	145 ± 5.7	184 ± 10.0
333.0	99 ± 3.0	125 ± 8.5	139 ± 7.2	167 ± 22.4	130 ± 4.9
1000.0	95 ± 2.1	111 ± 7.5	175 ± 32.8	181 ± 15.3	144 ± 4.3
3333.0	83 ± 3.9	102 ± 6.4	154 ± 0.7	152 ± 8.7	157 ± 11.5
10000.0	81 ± 14.5	93 ± 4.2	128 ± 5.0	150 ± 18.2	142 ± 2.4
11740.0	70 ± 4.6	86 ± 6.5	136 ± 9.2	159 ± 19.9	116 ± 1.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			470 ± 54.6	838 ± 67.6	866 ± 47.3
Positive Control <sup>3</sup>	468 ± 20.0	432 ± 29.9			

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**Strain: TA100**

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<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	150 ± 4.4
333.0	175 ± 7.9
1000.0	194 ± 8.9
3333.0	130 ± 9.3
10000.0	131 ± 13.1
11740.0	157 ± 7.3
Trial Summary	Negative
Positive Control <sup>2</sup>	966 ± 76.2
Positive Control <sup>3</sup>	

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## G06: Ames Summary Data

Test Compound: o-Methoxyphenol

CAS Number: 90-05-1

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## Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	11 ± 2.6	13 ± 2.6	14 ± 4.1	9 ± 1.5	20 ± 2.6
333.0	13 ± 3.5	13 ± 2.7	18 ± 2.1	11 ± 1.0	15 ± 0.3
1000.0	17 ± 1.9	19 ± 0.7	19 ± 3.1	12 ± 2.3	16 ± 2.0
3333.0	13 ± 1.2	17 ± 1.5	17 ± 3.2	10 ± 1.0	16 ± 0.6
10000.0	11 ± 1.2	15 ± 2.2	11 ± 4.8	10 ± 1.8	14 ± 2.3
11740.0	11 ± 3.2	14 ± 2.4	14 ± 1.5	10 ± 1.2	13 ± 1.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			33 ± 4.4	53 ± 7.5	73 ± 4.5
Positive Control <sup>3</sup>	437 ± 11.0	756 ± 124.9			

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**Strain: TA1535**

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<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	16 ± 1.0
333.0	13 ± 0.7
1000.0	13 ± 0.9
3333.0	35 ± 22.5
10000.0	9 ± 1.2
11740.0	9 ± 1.2
Trial Summary	Negative
Positive Control <sup>2</sup>	162 ± 49.3
Positive Control <sup>3</sup>	

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## G06: Ames Summary Data

Test Compound: o-Methoxyphenol

CAS Number: 90-05-1

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## Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	13 ± 2.0	8 ± 0.9	15 ± 1.5	9 ± 2.3	13 ± 4.5
333.0	12 ± 2.8	7 ± 0.9	14 ± 2.0	6 ± 1.2	10 ± 1.2
1000.0	14 ± 1.5	6 ± 1.5	11 ± 1.5	7 ± 2.3	18 ± 1.0
3333.0	7 ± 1.8	5 ± 0.7	15 ± 0.6	6 ± 0.6	11 ± 2.3
10000.0	5 ± 2.7	Toxic	7 ± 1.9	5 ± 0.5	10 ± 1.5
11740.0	3 ± 3.0	Toxic	12 ± 3.2	5 ± 0.9	11 ± 1.8
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			40 ± 10.3	28 ± 2.2	56 ± 18.6
Positive Control <sup>4</sup>	118 ± 3.5	623 ± 148.6			

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**Strain: TA1537**

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<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	9 ± 2.0
333.0	9 ± 1.3
1000.0	9 ± 4.5
3333.0	6 ± 2.4
10000.0	7 ± 1.7
11740.0	8 ± 1.8
Trial Summary	Negative
Positive Control <sup>2</sup>	51 ± 7.4
Positive Control <sup>4</sup>	

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## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	18 ± 2.6	18 ± 2.9	26 ± 4.0	29 ± 0.9	26 ± 1.7
333.0	14 ± 0.3	13 ± 1.5	30 ± 3.5	28 ± 3.2	26 ± 1.5
1000.0	11 ± 0.7	12 ± 2.9	26 ± 3.0	26 ± 1.8	22 ± 1.9
3333.0	12 ± 0.6	11 ± 1.8	24 ± 1.2	24 ± 3.5	22 ± 2.2
10000.0	Toxic	Toxic	17 ± 1.7	18 ± 0.7	17 ± 2.5
11740.0	Toxic	Toxic	22 ± 2.0	21 ± 2.3	20 ± 4.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			669 ± 43.6	406 ± 39.2	668 ± 24.1
Positive Control <sup>5</sup>	303 ± 23.7	235 ± 36.3			



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**Strain: TA98**

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<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	23 ± 0.3
333.0	23 ± 0.9
1000.0	18 ± 1.0
3333.0	20 ± 1.2
10000.0	18 ± 3.3
11740.0	17 ± 1.0
Trial Summary	Negative
Positive Control <sup>2</sup>	598 ± 37.4
Positive Control <sup>5</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: 1.0 ug/Plate 2-Aminoanthracene

3: 3.3 ug/Plate Sodium Azide

4: 33.0 ug/Plate 9-Aminoacridine

5: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

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