

Experiment Number: 787472

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: o-Methoxyphenol

CAS Number: 90-05-1

Date Report Requested: 09/18/2018

Time Report Requested: 05:39:46

NTP Study Number:

787472

Study Result:

Negative

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CAS Number: 90-05-1

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Strain: TA100

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	100 ± 18.5	78 ± 4.6	75 ± 0.8
33.0	103 ± 8.4	80 ± 4.9	60 ± 3.2
100.0	115 ± 3.3	114 ± 11.4	72 ± 3.3
333.0	110 ± 16.7	116 ± 8.5	75 ± 1.5
1000.0	107 ± 8.1 ^s	93 ± 9.0	67 ± 3.2
3333.0	59 ± 4.1 ^s	60 ± 5.4 ^s	54 ± 11.0 ^s
Trial Summary	Negative	Equivocal	Negative
Positive Control ²			1906 ± 61.4
Positive Control ³		992 ± 122.9	
Positive Control ⁴	1595 ± 41.8		

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Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	30 ± 2.8	9 ± 1.2	14 ± 3.4
33.0	18 ± 1.5	9 ± 2.3	8 ± 0.9
100.0	22 ± 1.3	10 ± 2.0	12 ± 1.0
333.0	24 ± 5.3	9 ± 1.9	12 ± 1.3
1000.0	28 ± 2.8	9 ± 0.3	8 ± 1.2
3333.0	26 ± 3.1 ^s	6 ± 0.9 ^s	7 ± 1.0
Trial Summary	Negative	Negative	Negative
Positive Control ²			177 ± 6.3
Positive Control ³		68 ± 6.1	
Positive Control ⁴	864 ± 63.8		

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Strain: TA1537

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	4 ± 0.6	7 ± 2.7	7 ± 2.6
33.0	5 ± 0.9	7 ± 1.5	9 ± 2.7
100.0	7 ± 0.3	7 ± 0.6	7 ± 1.5
333.0	8 ± 0.9	6 ± 0.9	8 ± 0.6
1000.0	7 ± 1.2	7 ± 2.3	6 ± 1.3
3333.0	7 ± 1.8 ^s	9 ± 2.5	8 ± 2.3
Trial Summary	Negative	Negative	Negative
Positive Control ²			238 ± 15.6
Positive Control ³		80 ± 2.0	
Positive Control ⁵	557 ± 67.3		

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Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	23 ± 2.8	25 ± 3.8	23 ± 1.5
33.0	17 ± 1.2	25 ± 3.6	26 ± 3.2
100.0	20 ± 3.2	21 ± 2.8	21 ± 2.2
333.0	17 ± 1.2	21 ± 2.1	24 ± 3.6
1000.0	18 ± 3.5 ^s	19 ± 0.6	23 ± 2.9
3333.0	15 ± 1.9 ^s	16 ± 4.2	18 ± 3.8
Trial Summary	Negative	Negative	Negative
Positive Control ²			1529 ± 44.7
Positive Control ³		855 ± 78.4	
Positive Control ⁶	1400 ± 55.3		

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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 ****