

Experiment Number: A76103

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Oil of pimenta

CAS Number: 8006-77-7

Date Report Requested: 09/17/2018

Time Report Requested: 19:35:16

**NTP Study Number:**

A76103

**Study Result:**

Negative

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## G06: Ames Summary Data

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## Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	53 ± 4.2	50 ± 1.9	55 ± 7.4	49 ± 7.1	23 ± 1.8
100.0	24 ± 5.4	29 ± 2.7	61 ± 3.5	48 ± 2.0	22 ± 0.9
500.0	23 ± 4.8	28 ± 3.8	42 ± 0.9	39 ± 2.7	26 ± 3.0
750.0	34 ± 3.5	24 ± 1.2	37 ± 1.9	42 ± 1.2	15 ± 1.7
1000.0	13 ± 1.5	12 ± 5.2	14 ± 0.7	19 ± 0.9	10 ± 2.9
2000.0	2 ± 1.2	3 ± 1.3	1 ± 0.0	1 ± 0.6	3 ± 0.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	380 ± 19.5	383 ± 7.6			
Positive Control <sup>3</sup>			390 ± 21.8	369 ± 28.9	561 ± 71.2

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Strain: TA98

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Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	16 ± 5.7	23 ± 5.0	14 ± 3.8
100.0	12 ± 2.0	16 ± 2.2	16 ± 2.7
500.0	13 ± 1.2	9 ± 0.9	13 ± 0.0
750.0	9 ± 1.5	5 ± 0.6	10 ± 0.9
1000.0	7 ± 1.8	4 ± 0.0	8 ± 2.0
2000.0	4 ± 0.3	4 ± 0.3	7 ± 4.7
Trial Summary	Negative	Negative	Negative
Positive Control <sup>3</sup>			202 ± 12.1
Positive Control <sup>4</sup>	318 ± 5.7	377 ± 26.8	

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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>	147 ± 2.9	145 ± 7.1	187 ± 9.1	199 ± 7.4
50.0	245 ± 16.3	222 ± 11.1	206 ± 1.5	204 ± 12.9
100.0	301 ± 8.0	180 ± 7.9	219 ± 13.8	212 ± 4.7
500.0	166 ± 22.0	153 ± 14.5	203 ± 19.2	194 ± 9.6
1000.0	128 ± 1.5	101 ± 1.5	179 ± 11.5	131 ± 8.7
1500.0		4 ± 1.2		106 ± 2.2
2000.0	0 ± 0.3		61 ± 4.0	
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>5</sup>			726 ± 13.6	813 ± 33.8
Positive Control <sup>6</sup>	833 ± 54.0	627 ± 10.9		

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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: 2.5 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate 2-Nitrofluorene

5: 20.0 ug/Plate 2-Aminoanthracene

6: 4000.0 ug/Plate Methyl Methane Sulfonate

\*\* END OF REPORT \*\*