

Experiment Number: A51043

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Cedarwood oil

CAS Number: 8000-27-9

Date Report Requested: 09/18/2018

Time Report Requested: 10:10:16

**NTP Study Number:**

A51043

**Study Result:**

Negative

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<b>Strain: TA100</b>		
<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>	160 ± 9.6	152 ± 14.0
0.33	145 ± 2.5	
1.0	144 ± 6.4	
3.3	141 ± 9.4	142 ± 2.0
10.0	126 ± 4.5	136 ± 8.4
33.0	31 ± 11.3 <sup>s</sup>	145 ± 1.5
100.0		124 ± 10.4
333.0		85 ± 6.5 <sup>s</sup>
Trial Summary	Negative	Negative
Positive Control <sup>2</sup>	630 ± 13.4	
Positive Control <sup>3</sup>		512 ± 86.2

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**Strain: TA98**

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<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>	21 ± 3.0	34 ± 0.6
0.33	17 ± 1.8	
1.0	16 ± 2.3	
3.3	26 ± 1.5	31 ± 2.9
10.0	22 ± 3.5	27 ± 5.8
33.0	14 ± 1.5 <sup>s</sup>	34 ± 3.1
100.0		34 ± 4.0
333.0		0 ± 0.0 <sup>s</sup>
Trial Summary	Negative	Negative
Positive Control <sup>4</sup>		676 ± 3.5
Positive Control <sup>5</sup>	83 ± 3.8	

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**Strain: TA102**

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<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>	315 ± 14.0	405 ± 5.9
0.33	278 ± 6.1	
1.0	298 ± 2.6	
3.3	282 ± 6.0	421 ± 2.6
10.0	311 ± 17.3	401 ± 9.5
33.0	240 ± 12.3	404 ± 9.0
100.0		386 ± 16.5
333.0		346 ± 2.3
Trial Summary	Negative	Negative
Positive Control <sup>6</sup>		1398 ± 55.4
Positive Control <sup>7</sup>	976 ± 7.4	

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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: 100% Ethanol
- 2: 0.5 ug/Plate Sodium Azide
- 3: 0.75 ug/Plate 2-Aminoanthracene
- 4: 0.4 ug/Plate 2-Aminoanthracene
- 5: 1.0 ug/Plate Other Positive Control
- 6: 10.0 ug/Plate Sterigmatocystin
- 7: 75.0 ug/Plate Other Positive Control
- s: Slight Toxicity

\*\* END OF REPORT \*\*