

Experiment Number: **A20309**

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

G06: Ames Summary Data

Test Compound: **Turpentine**

CAS Number: **8006-64-2**

Date Report Requested: **09/18/2018**

Time Report Requested: **09:20:06**

NTP Study Number:

A20309

Study Result:

Negative

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Strain: TA100		
Dose (ug/Plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	129 ± 9.4	132 ± 2.0
1.0	141 ± 9.0	
3.3	123 ± 5.5	152 ± 7.5
10.0	144 ± 0.9	130 ± 2.0
33.0	0 ± 0.0 ^s	149 ± 3.0
75.0	0 ± 0.0 ^s	
100.0		140 ± 9.2
333.0		0 ± 0.0 ^s
Trial Summary	Negative	Negative
Positive Control ²	549 ± 23.3	
Positive Control ³		816 ± 66.9

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Strain: TA98			
Dose (ug/Plate)	Without S9	With 10% Rat S9	
Vehicle Control ¹	18 ± 1.2	27 ±	3.8
1.0	17 ± 1.2		
3.3	18 ± 1.5	34 ±	2.5
10.0	15 ± 2.2	30 ±	0.9
33.0	0 ± 0.0 ^s	34 ±	5.7
75.0	0 ± 0.0 ^s		
100.0		35 ±	4.4
333.0		0 ±	0.0 ^s
Trial Summary	Negative		Negative
Positive Control ⁴		456 ±	37.0
Positive Control ⁵	103 ± 3.1		

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Strain: TA102		
Dose (ug/Plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	310 ± 14.5	353 ± 46.6
0.33	356 ± 9.4	
1.0	295 ± 39.6	
3.3	341 ± 14.3	444 ± 34.7
10.0	373 ± 20.9	281 ± 73.5
33.0	338 ± 22.6 ^s	411 ± 27.7
100.0		394 ± 14.6
333.0		265 ± 17.4 ^s
Trial Summary	Negative	Negative
Positive Control ⁶		1428 ± 34.3
Positive Control ⁷	984 ± 68.9	

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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: 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 **