

Experiment Number: 337958

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

**G06: Ames Summary Data**

Test Compound: **Creosote, coal tar**

CAS Number: **8001-58-9**

Date Report Requested: **09/12/2018**

Time Report Requested: **22:38:41**

**NTP Study Number:**

337958

**Study Result:**

Positive

Experiment Number: 337958

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Mutagenicity

## G06: Ames Summary Data

Test Compound: Creosote, coal tar  
CAS Number: 8001-58-9

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## Strain: TA100

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	108 ± 10.1	147 ± 11.7	139 ± 11.9	148 ± 6.2	121 ± 8.5
1.0	113 ± 11.7	151 ± 12.7	157 ± 11.1	173 ± 12.3	
3.0	111 ± 5.9	193 ± 2.2	160 ± 7.6	173 ± 6.2	128 ± 7.3
6.0					181 ± 15.0
10.0	93 ± 3.4		198 ± 18.8		215 ± 10.7
33.0	80 ± 1.3	401 ± 24.6	373 ± 16.4	422 ± 11.9	414 ± 16.0
66.0	61 ± 6.4 <sup>s</sup>				
100.0		612 ± 0.6	510 ± 54.4	554 ± 20.8	562 ± 17.2
166.0					
333.0		834 ± 46.0		547 ± 33.0	
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control <sup>2</sup>				728 ± 53.8	649 ± 62.6
Positive Control <sup>3</sup>	413 ± 7.3				
Positive Control <sup>4</sup>		703 ± 17.4	399 ± 13.2		

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## Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	25 ± 0.6	44 ± 4.1	31 ± 4.2	33 ± 2.3	31 ± 3.2
1.0	21 ± 2.5	39 ± 4.5	31 ± 0.7	35 ± 2.0	29 ± 3.4
3.0	23 ± 2.8	36 ± 5.5	44 ± 9.8	48 ± 3.5	43 ± 3.5
6.0					56 ± 1.9
10.0	23 ± 3.2		55 ± 0.3		89 ± 4.6
33.0	18 ± 2.9	144 ± 24.3	201 ± 9.7	395 ± 8.8	223 ± 7.4
66.0	13 ± 3.6 <sup>s</sup>				
100.0		419 ± 111.5	400 ± 17.5	618 ± 33.3	
166.0					
333.0		766 ± 67.1		684 ± 27.7	
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control <sup>2</sup>		162 ± 1.2	191 ± 27.2	318 ± 18.6	580 ± 55.8
Positive Control <sup>5</sup>	562 ± 5.8				

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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: 1.0 ug/Plate Sodium Azide

4: 2.5 ug/Plate 2-Aminoanthracene

5: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

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