

Experiment Number: 496780

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: p-Cresidine

CAS Number: 120-71-8

Date Report Requested: 09/11/2018

Time Report Requested: 23:44:55

**NTP Study Number:**

496780

**Study Result:**

Positive

Experiment Number: 496780

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: p-Cresidine

CAS Number: 120-71-8

Date Report Requested: 09/11/2018

Time Report Requested: 23:44:55

## 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>	64 ± 7.4	75 ± 5.0	93 ± 6.3	88 ± 8.4	90 ± 6.0
33.0	67 ± 4.8	87 ± 6.1	104 ± 6.5	106 ± 5.8	95 ± 6.1
100.0	75 ± 6.4	107 ± 1.0	108 ± 6.0	220 ± 2.0	234 ± 8.7
333.0	80 ± 5.0 <sup>s</sup>	157 ± 4.1	162 ± 5.5	488 ± 9.0	552 ± 16.7
1000.0	97 ± 5.2 <sup>s</sup>	209 ± 3.8	201 ± 5.4	480 ± 26.3	475 ± 14.4
2000.0	63 ± 18.5 <sup>s</sup>	241 ± 17.3 <sup>s</sup>	194 ± 12.2 <sup>s</sup>	407 ± 13.8 <sup>s</sup>	207 ± 12.4 <sup>s</sup>
Trial Summary	Equivocal	Positive	Positive	Positive	Positive
Positive Control <sup>2</sup>	279 ± 12.1				
Positive Control <sup>3</sup>				511 ± 9.4	390 ± 9.9
Positive Control <sup>4</sup>		297 ± 11.0	318 ± 7.9		

Experiment Number: 496780

**G06: Ames Summary Data**

Date Report Requested: 09/11/2018

Test Type: **Genetic Toxicology - Bacterial  
Mutagenicity**Test Compound: **p-Cresidine**

Time Report Requested: 23:44:55

CAS Number: 120-71-8

**Strain: TA98**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 30% Rat S9</b>	<b>With 30% Rat S9</b>	<b>With 30% Hamster S9</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	15 ± 3.5	21 ± 2.8	21 ± 0.3	18 ± 2.0	19 ± 0.3
33.0	13 ± 0.3	21 ± 0.6	15 ± 1.5	31 ± 0.3	21 ± 1.3
100.0	11 ± 1.5	27 ± 1.7	25 ± 0.3	45 ± 3.7	32 ± 5.0
333.0	13 ± 2.4	39 ± 6.9	32 ± 2.6	68 ± 6.2	67 ± 11.4
1000.0	14 ± 2.6 <sup>s</sup>	99 ± 4.6	73 ± 11.1	264 ± 1.8	178 ± 14.0
2000.0	22 ± 5.5 <sup>s</sup>	231 ± 10.2 <sup>s</sup>	149 ± 12.1	433 ± 36.6	258 ± 14.8 <sup>s</sup>
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control <sup>5</sup>				113 ± 5.3	96 ± 1.5
Positive Control <sup>3</sup>			80 ± 8.4		
Positive Control <sup>6</sup>	225 ± 24.8				
Positive Control <sup>4</sup>		108 ± 5.9			

Experiment Number: 496780

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

**G06: Ames Summary Data**

Test Compound: **p-Cresidine**

CAS Number: **120-71-8**

Date Report Requested: **09/11/2018**

Time Report Requested: **23:44:55**

### **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: 0.5 ug/Plate Sodium Azide

3: 1.0 ug/Plate 2-Aminoanthracene

4: 2.0 ug/Plate 2-Aminoanthracene

5: 0.4 ug/Plate 2-Aminoanthracene

6: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

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