

Experiment Number: 698890

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: 3-Ethylamino-4-methylphenol

CAS Number: 120-37-6

Date Report Requested: 09/11/2018

Time Report Requested: 18:33:00

**NTP Study Number:**

698890

**Study Result:**

Positive

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**Strain: TA100**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Hamster S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	129 ± 2.3	142 ± 6.7	135 ± 2.6	114 ± 2.5
100.0	112 ± 11.9	143 ± 12.4	143 ± 9.7	165 ± 4.3
333.0	114 ± 10.7	131 ± 17.3	150 ± 6.7	195 ± 12.8
1000.0	104 ± 6.3	157 ± 21.0	172 ± 6.9	230 ± 4.0
3333.0	93 ± 7.2	164 ± 8.3	220 ± 21.4	288 ± 12.8
6666.0	Toxic	75 ± 25.8 <sup>s</sup>	176 ± 16.5	275 ± 4.3
Trial Summary	Negative	Negative	Weakly Positive	Positive
Positive Control <sup>2</sup>		802 ± 7.8	1665 ± 117.6	2021 ± 62.1
Positive Control <sup>3</sup>	368 ± 42.0			

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Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	24 ± 3.0	12 ± 2.0	9 ± 1.5
100.0	19 ± 3.5	12 ± 2.0	8 ± 2.3
333.0	20 ± 4.4	11 ± 3.0	6 ± 0.3
1000.0	24 ± 3.7	10 ± 1.2	11 ± 2.4
3333.0	25 ± 2.7	11 ± 1.0	5 ± 0.6
6666.0	Toxic		3 ± 2.0
10000.0		Toxic	
Trial Summary	Negative	Negative	Negative
Positive Control <sup>3</sup>	387 ± 9.0		
Positive Control <sup>4</sup>		236 ± 17.7	458 ± 14.6

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**Strain: TA97**

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	147 ± 5.0	208 ± 8.3	221 ± 17.3	204 ± 3.1
100.0	148 ± 16.2	205 ± 23.6	197 ± 5.3	238 ± 7.9
333.0	145 ± 6.8	224 ± 14.6	204 ± 4.4	257 ± 18.5
1000.0	117 ± 8.8	226 ± 16.0	231 ± 8.4	345 ± 8.4
3333.0	86 ± 19.3	232 ± 15.9	300 ± 32.2	347 ± 25.7
6666.0	Toxic	81 ± 33.2 <sup>s</sup>	42 ± 26.1 <sup>s</sup>	338 ± 28.1
Trial Summary	Negative	Negative	Equivocal	Weakly Positive
Positive Control <sup>4</sup>		1270 ± 7.6	1427 ± 35.4	1533 ± 49.5
Positive Control <sup>5</sup>	833 ± 17.0			

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CAS Number: 120-37-6

## Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	13 ± 2.1	26 ± 2.3	29 ± 0.6	39 ± 4.8	27 ± 2.4
100.0	17 ± 1.5	34 ± 4.2	44 ± 4.9	54 ± 4.5	97 ± 9.5
333.0	14 ± 4.0	47 ± 3.4	66 ± 2.0	91 ± 9.0	165 ± 7.0
1000.0	12 ± 1.7	75 ± 1.5	184 ± 7.8	205 ± 2.9	502 ± 17.4
3333.0	5 ± 0.9	244 ± 5.8	262 ± 19.1	256 ± 36.5	552 ± 7.1
6666.0	Toxic	100 ± 14.7	161 ± 31.0 <sup>s</sup>	56 ± 10.9	405 ± 8.5
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control <sup>2</sup>		409 ± 11.9	573 ± 14.4	988 ± 90.6	596 ± 19.6
Positive Control <sup>6</sup>	743 ± 6.4				

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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: Dimethyl Sulfoxide
- 2: 1.0 ug/Plate 2-Aminoanthracene
- 3: 1.0 ug/Plate Sodium Azide
- 4: 2.5 ug/Plate 2-Aminoanthracene
- 5: 50.0 ug/Plate 9-Aminoacridine
- 6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine
- s: Slight Toxicity

\*\* END OF REPORT \*\*