

Experiment Number: 920448

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: 3-Dimethylaminophenol

CAS Number: 99-07-0

Date Report Requested: 09/17/2018

Time Report Requested: 06:36:06

**NTP Study Number:**

920448

**Study Result:**

Positive

Experiment Number: 920448

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: 3-Dimethylaminophenol  
CAS Number: 99-07-0

Date Report Requested: 09/17/2018

Time Report Requested: 06:36:06

## Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	134 ± 4.5	103 ± 7.8	112 ± 25.1	92 ± 5.7	153 ± 5.5
33.0	126 ± 6.2	67 ± 27.9	164 ± 9.3	103 ± 10.8	159 ± 8.7
100.0	111 ± 12.6	101 ± 2.8	151 ± 6.4	108 ± 5.1	176 ± 1.7
333.0	138 ± 2.9	106 ± 6.9	178 ± 14.7	150 ± 9.2	238 ± 24.0
667.0		127 ± 6.2		235 ± 12.0	
1000.0	162 ± 11.9	122 ± 11.1	248 ± 21.6	236 ± 14.1	343 ± 6.6
3333.0	Toxic		63 ± 4.5 <sup>s</sup>		52 ± 8.5 <sup>s</sup>
Trial Summary	Negative	Negative	Weakly Positive	Positive	Weakly Positive
Positive Control <sup>2</sup>					710 ± 6.2
Positive Control <sup>3</sup>			1468 ± 42.4	2314 ± 47.5	
Positive Control <sup>4</sup>	1281 ± 40.1	1191 ± 31.9			

Experiment Number: 920448

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: 3-Dimethylaminophenol

CAS Number: 99-07-0

Date Report Requested: 09/17/2018

Time Report Requested: 06:36:06

---

**Strain: TA100**

---

<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	85 ± 6.7
33.0	81 ± 5.9
100.0	98 ± 8.1
333.0	155 ± 17.0
667.0	271 ± 17.2
1000.0	245 ± 26.0
3333.0	
Trial Summary	Positive
Positive Control <sup>2</sup>	1807 ± 23.7
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	

Experiment Number: 920448

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: 3-Dimethylaminophenol  
CAS Number: 99-07-0

Date Report Requested: 09/17/2018

Time Report Requested: 06:36:06

## Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	20 ± 2.5	33 ± 2.4	12 ± 1.5	12 ± 2.2	12 ± 2.9
33.0	24 ± 1.5	36 ± 3.0	15 ± 1.5	13 ± 2.6	11 ± 1.5
100.0	22 ± 0.3	31 ± 4.9	9 ± 1.8	11 ± 2.0	12 ± 1.7
333.0	35 ± 0.9	39 ± 2.0	14 ± 2.0	10 ± 1.0	8 ± 0.0
667.0		47 ± 6.1		11 ± 1.9	
1000.0	36 ± 1.5	47 ± 1.5	14 ± 1.8	14 ± 1.2	11 ± 2.9
3333.0	Toxic		Toxic		Toxic
Trial Summary	Equivocal	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					55 ± 1.5
Positive Control <sup>3</sup>			86 ± 6.1	102 ± 15.2	
Positive Control <sup>4</sup>	902 ± 27.2	847 ± 21.0			

Experiment Number: 920448  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: 3-Dimethylaminophenol  
CAS Number: 99-07-0

Date Report Requested: 09/17/2018  
Time Report Requested: 06:36:06

---

Strain: TA1535

---

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	13 ± 2.5
33.0	12 ± 0.9
100.0	13 ± 0.3
333.0	15 ± 1.2
667.0	16 ± 2.8
1000.0	13 ± 1.7
3333.0	
Trial Summary	Negative
Positive Control <sup>2</sup>	132 ± 10.5
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	

Experiment Number: 920448

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: 3-Dimethylaminophenol  
CAS Number: 99-07-0

Date Report Requested: 09/17/2018

Time Report Requested: 06:36:06

## Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	64 ± 0.0	74 ± 1.5	106 ± 2.3	125 ± 5.3	107 ± 6.4
33.0	62 ± 5.2	69 ± 5.2	313 ± 9.4	450 ± 17.7	565 ± 11.2
100.0	77 ± 4.5	81 ± 2.5	790 ± 17.9	1146 ± 31.8	1553 ± 42.6
333.0	59 ± 6.8	74 ± 4.4	2254 ± 25.3	2976 ± 154.1	3083 ± 304.2
667.0		69 ± 7.0		3989 ± 61.0	
1000.0	55 ± 5.9	78 ± 6.4	3914 ± 45.6	3981 ± 28.2	3169 ± 30.8
3333.0	Toxic		Toxic		Toxic
Trial Summary	Negative	Negative	Positive	Positive	Positive
Positive Control <sup>2</sup>					514 ± 23.5
Positive Control <sup>3</sup>			935 ± 31.2	1157 ± 18.7	
Positive Control <sup>5</sup>	413 ± 45.3				
Positive Control <sup>6</sup>		546 ± 61.9			

Experiment Number: 920448

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: 3-Dimethylaminophenol  
CAS Number: 99-07-0

Date Report Requested: 09/17/2018

Time Report Requested: 06:36:06

---

**Strain: TA97**

---

<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	108 ± 8.7
33.0	844 ± 36.5
100.0	1897 ± 33.3
333.0	2794 ± 380.7
667.0	3094 ± 339.3
1000.0	3101 ± 98.6
3333.0	
Trial Summary	Positive
Positive Control <sup>2</sup>	1005 ± 10.2
Positive Control <sup>3</sup>	
Positive Control <sup>5</sup>	
Positive Control <sup>6</sup>	

Experiment Number: 920448

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: 3-Dimethylaminophenol  
CAS Number: 99-07-0

Date Report Requested: 09/17/2018

Time Report Requested: 06:36:06

## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	14 ± 2.9	21 ± 3.8	22 ± 0.6	37 ± 4.0	24 ± 1.7
33.0	11 ± 2.2	22 ± 5.9	308 ± 22.5	528 ± 29.8	864 ± 36.5
100.0	17 ± 2.3	15 ± 2.2	853 ± 27.7	1743 ± 24.2	2426 ± 73.1
333.0	12 ± 1.9	16 ± 2.6	2771 ± 48.8	3357 ± 38.3	4072 ± 40.9
667.0		17 ± 2.6		4435 ± 86.0	
1000.0	10 ± 1.3	23 ± 0.3	4315 ± 76.1	4943 ± 103.9	4436 ± 329.0
3333.0	Toxic		266 ± 146.1 <sup>s</sup>		174 ± 46.6 <sup>s</sup>
Trial Summary	Negative	Negative	Positive	Positive	Positive
Positive Control <sup>2</sup>					672 ± 47.4
Positive Control <sup>3</sup>			1203 ± 40.0	2195 ± 61.4	
Positive Control <sup>7</sup>	1946 ± 26.2	1818 ± 4.3			



Experiment Number: 920448  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: 3-Dimethylaminophenol  
CAS Number: 99-07-0

Date Report Requested: 09/17/2018  
Time Report Requested: 06:36:06

---

Strain: TA98

---

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	33 ± 2.3
33.0	1358 ± 9.3
100.0	2959 ± 27.4
333.0	4683 ± 128.0
667.0	4838 ± 158.8
1000.0	5008 ± 84.2
3333.0	
Trial Summary	Positive
Positive Control <sup>2</sup>	1814 ± 83.0
Positive Control <sup>3</sup>	
Positive Control <sup>7</sup>	

Experiment Number: 920448

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: 3-Dimethylaminophenol

CAS Number: 99-07-0

Date Report Requested: 09/17/2018

Time Report Requested: 06:36:06

**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: 0.75 ug/Plate 2-Aminoanthracene

3: 1.5 ug/Plate 2-Aminoanthracene

4: 2.5 ug/Plate Sodium Azide

5: 2.0 ug/Plate 2-Aminoanthracene

6: 4.0 ug/Plate 9-Aminoacridine

7: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

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