

Experiment Number: 250208

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: N-Methylbenzamide

CAS Number: 613-93-4

Date Report Requested: 09/11/2018

Time Report Requested: 01:46:38

**NTP Study Number:**

250208

**Study Result:**

Negative

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## Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	137 ± 11.8	113 ± 6.9	164 ± 6.7	131 ± 10.7	165 ± 10.1
100.0	138 ± 12.1	104 ± 8.7	156 ± 9.9	116 ± 10.3	147 ± 11.6
333.0	155 ± 0.0	85 ± 7.0	159 ± 12.9	112 ± 7.6	159 ± 13.5
1000.0	152 ± 8.5	98 ± 5.8	163 ± 7.1	121 ± 4.3	142 ± 10.1
3333.0	147 ± 4.4	95 ± 6.8	153 ± 6.7	121 ± 3.9	157 ± 3.7
10000.0	139 ± 6.1	81 ± 4.7	144 ± 17.8	105 ± 4.6	139 ± 5.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	355 ± 38.7	274 ± 18.1			
Positive Control <sup>3</sup>			661 ± 31.8	229 ± 13.6	1595 ± 26.1

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**Strain: TA100**

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<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	96 ± 14.1
100.0	105 ± 7.3
333.0	110 ± 7.5
1000.0	125 ± 8.7
3333.0	119 ± 8.0
10000.0	106 ± 11.5
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>3</sup>	411 ± 25.1

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## Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	34 ± 4.7	21 ± 4.0	10 ± 2.5	10 ± 0.3	11 ± 2.2
100.0	34 ± 2.5	17 ± 0.3	14 ± 3.0	12 ± 3.5	10 ± 1.0
333.0	36 ± 2.6	15 ± 4.3	9 ± 0.3	9 ± 2.5	10 ± 2.8
1000.0	32 ± 5.8	14 ± 3.1	11 ± 1.5	12 ± 2.9	7 ± 0.9
3333.0	38 ± 1.9	19 ± 0.6	8 ± 0.7	10 ± 3.2	10 ± 2.2
10000.0	30 ± 3.0	16 ± 4.2	6 ± 1.8	9 ± 1.5	6 ± 2.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	497 ± 15.2	198 ± 6.9			
Positive Control <sup>4</sup>			210 ± 0.3	93 ± 4.1	549 ± 18.2

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**Strain: TA1535**

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<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	12 ± 1.3
100.0	6 ± 1.2
333.0	6 ± 1.5
1000.0	7 ± 1.9
3333.0	9 ± 2.7
10000.0	9 ± 1.5
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>4</sup>	571 ± 14.5

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## Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	167 ± 0.0	147 ± 6.4	204 ± 8.2	233 ± 14.8	146 ± 7.9
100.0	169 ± 10.0	157 ± 6.5	200 ± 2.0	189 ± 12.2	148 ± 12.7
333.0	161 ± 11.0	157 ± 11.5	170 ± 10.4	201 ± 23.3	146 ± 16.7
1000.0	187 ± 2.1	158 ± 4.3	203 ± 18.2	223 ± 6.7	169 ± 14.4
3333.0	159 ± 2.7	157 ± 10.0	204 ± 14.7	201 ± 19.6	155 ± 13.1
10000.0	113 ± 2.3	151 ± 6.1	179 ± 14.8	174 ± 7.4	146 ± 9.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>4</sup>			1018 ± 14.3	416 ± 34.9	1418 ± 26.0
Positive Control <sup>5</sup>	642 ± 54.0	564 ± 48.7			

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**Strain: TA97**

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<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	188 ± 10.3
100.0	185 ± 1.3
333.0	192 ± 6.3
1000.0	197 ± 3.0
3333.0	184 ± 4.7
10000.0	146 ± 17.1
Trial Summary	Negative
Positive Control <sup>4</sup>	950 ± 10.3
Positive Control <sup>5</sup>	

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## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	25 ± 1.9	16 ± 0.7	28 ± 0.3	29 ± 5.2	32 ± 2.2
100.0	29 ± 4.6	18 ± 5.9	36 ± 2.6	28 ± 3.8	31 ± 1.3
333.0	25 ± 2.3	20 ± 4.0	31 ± 0.9	25 ± 2.9	32 ± 4.9
1000.0	26 ± 4.5	15 ± 2.2	28 ± 2.0	22 ± 2.3	38 ± 4.1
3333.0	22 ± 1.2	16 ± 1.9	26 ± 1.0	25 ± 0.9	32 ± 4.4
10000.0	27 ± 0.9	10 ± 1.5	31 ± 8.4	20 ± 1.5	33 ± 5.8
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>3</sup>			235 ± 7.5	116 ± 21.6	761 ± 15.3
Positive Control <sup>6</sup>	883 ± 60.5	512 ± 23.4			



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**Strain: TA98**

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<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	29 ± 3.3
100.0	23 ± 3.4
333.0	30 ± 4.2
1000.0	25 ± 3.5
3333.0	24 ± 1.5
10000.0	25 ± 0.9
Trial Summary	Negative
Positive Control <sup>3</sup>	350 ± 50.3
Positive Control <sup>6</sup>	

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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 Sodium Azide

3: 1.0 ug/Plate 2-Aminoanthracene

4: 2.5 ug/Plate 2-Aminoanthracene

5: 50.0 ug/Plate 9-Aminoacridine

6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine

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