

Experiment Number: 212698

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 09/14/2018

Time Report Requested: 15:17:43

**NTP Study Number:**

212698

**Study Result:**

Negative

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## 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 ± 8.3	111 ± 4.9	119 ± 12.5	124 ± 3.8	126 ± 2.3
33.0	143 ± 7.5	110 ± 6.0	121 ± 12.7	138 ± 9.5	124 ± 12.5
100.0	125 ± 9.7	124 ± 8.5	132 ± 3.7	144 ± 5.5	127 ± 6.0
333.0	136 ± 4.4	122 ± 2.2	120 ± 11.5	133 ± 1.5	124 ± 11.4
1000.0	137 ± 5.2	104 ± 5.3	112 ± 8.2	132 ± 3.9	140 ± 11.0
1500.0	126 ± 17.1	113 ± 2.9	112 ± 8.8	150 ± 3.5	123 ± 2.6
Trial Summary	Equivocal	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					810 ± 47.1
Positive Control <sup>3</sup>			804 ± 24.1	1247 ± 34.0	
Positive Control <sup>4</sup>	1192 ± 13.3	1296 ± 17.4			

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Strain: TA100

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Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	153 ± 7.5
33.0	130 ± 6.8
100.0	136 ± 7.2
333.0	145 ± 9.0
1000.0	137 ± 10.2
1500.0	138 ± 8.4
Trial Summary	Negative
Positive Control <sup>2</sup>	1116 ± 2.0
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	

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## 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>	37 ± 4.6	33 ± 3.7	18 ± 2.9	17 ± 0.6	13 ± 2.0
33.0	32 ± 2.9	20 ± 2.2	16 ± 1.7	13 ± 1.5	13 ± 2.1
100.0	28 ± 6.5	28 ± 4.9	16 ± 1.5	20 ± 6.0	15 ± 2.0
333.0	27 ± 1.5	25 ± 3.5	21 ± 1.0	20 ± 1.7	13 ± 1.5
1000.0	29 ± 1.5	27 ± 0.9	17 ± 4.6	20 ± 1.2	11 ± 3.1
1500.0	26 ± 2.7	30 ± 2.6	17 ± 2.1	17 ± 3.2	17 ± 1.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					55 ± 1.2
Positive Control <sup>3</sup>			61 ± 2.3	87 ± 6.7	
Positive Control <sup>4</sup>	889 ± 11.8	937 ± 10.7			

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Strain: TA1535

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Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	16 ± 2.0
33.0	22 ± 2.6
100.0	20 ± 1.2
333.0	20 ± 0.3
1000.0	14 ± 4.1
1500.0	18 ± 0.9
Trial Summary	Negative
Positive Control <sup>2</sup>	91 ± 3.8
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	

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Test Type: Genetic Toxicology - Bacterial  
Mutagenicity**G06: Ames Summary Data**

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**Strain: TA1537**

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	7 ± 1.8	8 ± 0.3	8 ± 1.2	10 ± 1.7	6 ± 0.9
33.0	8 ± 0.7	6 ± 0.6	8 ± 2.0	8 ± 0.7	7 ± 2.0
100.0	5 ± 0.6	9 ± 1.7	9 ± 4.2	8 ± 0.6	6 ± 2.0
333.0	8 ± 1.3	9 ± 2.1	8 ± 1.2	6 ± 0.9	6 ± 0.7
1000.0	4 ± 0.7	9 ± 0.3	8 ± 3.3	9 ± 1.5	12 ± 0.6
1500.0	8 ± 1.7	6 ± 1.3	8 ± 1.5	9 ± 1.5	6 ± 0.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					51 ± 1.8
Positive Control <sup>3</sup>			55 ± 3.2	102 ± 6.7	
Positive Control <sup>5</sup>	131 ± 32.0	171 ± 8.5			

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Strain: TA1537

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Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	10 ± 1.9
33.0	11 ± 1.5
100.0	10 ± 3.5
333.0	11 ± 3.9
1000.0	13 ± 2.1
1500.0	10 ± 1.7
Trial Summary	Negative
Positive Control <sup>2</sup>	102 ± 13.3
Positive Control <sup>3</sup>	
Positive Control <sup>5</sup>	

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## 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>	18 ± 3.0	18 ± 2.7	26 ± 3.8	31 ± 2.0	32 ± 2.7
33.0	18 ± 1.0	19 ± 1.5	28 ± 3.2	27 ± 4.3	26 ± 4.2
100.0	15 ± 1.5	16 ± 3.5	25 ± 3.7	31 ± 3.8	26 ± 3.0
333.0	14 ± 1.5	21 ± 0.7	26 ± 2.3	27 ± 0.3	28 ± 7.5
1000.0	14 ± 0.6	19 ± 1.7	23 ± 1.3	24 ± 2.6	29 ± 3.8
1500.0	16 ± 0.9	18 ± 2.2	26 ± 2.6	27 ± 2.8	25 ± 2.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					818 ± 28.8
Positive Control <sup>3</sup>			602 ± 6.2	1198 ± 24.8	
Positive Control <sup>6</sup>	1063 ± 30.9	1409 ± 43.1			



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Strain: TA98

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Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	30 ± 2.5
33.0	37 ± 2.1
100.0	28 ± 0.7
333.0	31 ± 4.1
1000.0	33 ± 4.7
1500.0	32 ± 2.0
Trial Summary	Negative
Positive Control <sup>2</sup>	1174 ± 26.8
Positive Control <sup>3</sup>	
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: 0.75 ug/Plate 2-Aminoanthracene

3: 1.5 ug/Plate 2-Aminoanthracene

4: 2.5 ug/Plate Sodium Azide

5: 80.0 ug/Plate 9-Aminoacridine

6: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine

\*\* END OF REPORT \*\*