

Experiment Number: 059572

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Adipamide

CAS Number: 628-94-4

Date Report Requested: 09/15/2018

Time Report Requested: 03:18:43

NTP Study Number:

059572

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 ¹	87 ± 11.9	99 ± 6.9	161 ± 9.0	162 ± 0.6	150 ± 16.4
10.0	113 ± 5.2	130 ± 2.3	118 ± 2.7	145 ± 13.1	130 ± 3.1
33.0	97 ± 2.3	112 ± 1.0	116 ± 4.5	143 ± 12.9	126 ± 4.7
100.0	110 ± 2.0	109 ± 8.5	122 ± 3.4	149 ± 13.1	116 ± 13.3
333.0	92 ± 4.9	118 ± 7.0	96 ± 11.4	126 ± 10.2	113 ± 6.9
1000.0	100 ± 4.3	108 ± 3.5	110 ± 4.2	128 ± 8.7	99 ± 10.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			2147 ± 90.3	1195 ± 91.3	1892 ± 83.5
Positive Control ³	766 ± 16.1	413 ± 27.6			

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	190 ± 4.3
10.0	173 ± 8.6
33.0	173 ± 19.9
100.0	166 ± 15.3
333.0	166 ± 15.6
1000.0	152 ± 18.1
Trial Summary	Negative
Positive Control ²	1343 ± 106.9
Positive Control ³	

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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 ¹	7 ± 3.2	5 ± 1.0	8 ± 0.0	8 ± 1.2	9 ± 2.0
10.0	5 ± 0.3	3 ± 0.6	11 ± 0.0	6 ± 2.4	3 ± 1.2
33.0	6 ± 1.2	3 ± 0.6	5 ± 0.9	3 ± 0.9	4 ± 0.9
100.0	6 ± 1.7	3 ± 0.6	4 ± 0.0	3 ± 1.0	2 ± 0.0
333.0	4 ± 0.3	2 ± 0.7	6 ± 1.2	4 ± 1.5	10 ± 0.7
1000.0	7 ± 0.7	2 ± 1.5	4 ± 0.3	4 ± 0.9	10 ± 0.6
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			158 ± 2.2	56 ± 3.8	123 ± 6.1
Positive Control ³	1031 ± 18.5	339 ± 40.7			

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Date Report Requested: 09/15/2018
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Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	12 ± 1.7
10.0	15 ± 3.8
33.0	10 ± 2.0
100.0	11 ± 4.0
333.0	13 ± 1.5
1000.0	11 ± 1.2
Trial Summary	Negative
Positive Control ²	55 ± 6.1
Positive Control ³	

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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 ¹	5 ± 2.2	6 ± 1.5	10 ± 1.5	9 ± 1.8	10 ± 1.2
10.0	7 ± 0.5	5 ± 1.8	14 ± 0.9	7 ± 3.2	11 ± 0.9
33.0	5 ± 0.9	3 ± 1.5	11 ± 0.6	6 ± 1.9	10 ± 1.9
100.0	6 ± 0.9	7 ± 0.3	5 ± 0.3	5 ± 0.3	13 ± 1.5
333.0	6 ± 0.7	7 ± 0.3	7 ± 2.3	4 ± 1.5	13 ± 1.2
1000.0	6 ± 2.1	4 ± 1.8	12 ± 1.3	1 ± 1.3	10 ± 0.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			223 ± 15.3	47 ± 5.6	69 ± 6.3
Positive Control ⁴	649 ± 55.1	83 ± 10.2			

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Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	12 ± 1.7
10.0	8 ± 2.5
33.0	7 ± 2.4
100.0	10 ± 2.5
333.0	9 ± 3.0
1000.0	9 ± 1.5
Trial Summary	Negative
Positive Control ²	45 ± 2.5
Positive Control ⁴	

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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 ¹	24 ± 2.1	17 ± 2.1	33 ± 3.2	35 ± 1.5	32 ± 2.1
10.0	25 ± 1.8	15 ± 1.7	26 ± 1.3	28 ± 4.3	28 ± 0.7
33.0	19 ± 1.0	17 ± 2.4	22 ± 3.5	23 ± 0.9	23 ± 1.5
100.0	26 ± 1.0	16 ± 3.3	33 ± 0.9	27 ± 4.4	22 ± 3.5
333.0	14 ± 0.7	15 ± 2.7	26 ± 2.2	24 ± 2.0	23 ± 0.6
1000.0	17 ± 0.3	15 ± 2.7	23 ± 2.6	32 ± 3.6	24 ± 1.8
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			1062 ± 34.7	868 ± 242.4	1151 ± 30.6
Positive Control ⁵	89 ± 23.7	258 ± 28.2			

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Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	28 ± 1.9
10.0	29 ± 2.3
33.0	20 ± 0.3
100.0	24 ± 2.2
333.0	21 ± 2.6
1000.0	21 ± 2.3
Trial Summary	Negative
Positive Control ²	1699 ± 99.5
Positive Control ⁵	

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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: 1.0 ug/Plate 2-Aminoanthracene
- 3: 3.3 ug/Plate Sodium Azide
- 4: 33.0 ug/Plate 9-Aminoacridine
- 5: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

** END OF REPORT **