

Experiment Number: 456286

Test Type: **Genetic Toxicology - Bacterial
Mutagenicity**

G06: Ames Summary Data

Test Compound: **Triethylamine**

CAS Number: **121-44-8**

Date Report Requested: **09/11/2018**

Time Report Requested: **04:22:48**

NTP Study Number:

456286

Study Result:

Negative

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Date Report Requested: 09/11/2018

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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	125 ± 1.0	104 ± 4.6	142 ± 5.8	127 ± 9.9	160 ± 12.8
100.0	114 ± 7.3	117 ± 9.7	127 ± 6.5	112 ± 8.6	125 ± 9.5
333.0	133 ± 9.6	115 ± 15.3	127 ± 11.8	113 ± 2.7	147 ± 0.6
1000.0	110 ± 4.1	113 ± 14.8	125 ± 17.3	111 ± 8.2	138 ± 7.0
3333.0	112 ± 5.2	92 ± 7.2	119 ± 14.5	89 ± 3.2	140 ± 6.9
10000.0	Toxic	Toxic	120 ± 31.5	Toxic	129 ± 0.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			688 ± 39.0		1100 ± 18.7
Positive Control ³	277 ± 18.4	419 ± 12.6			
Positive Control ⁴				335 ± 6.4	

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	117 ± 5.3
100.0	123 ± 3.2
333.0	158 ± 4.7
1000.0	128 ± 11.3
3333.0	138 ± 14.7
10000.0	Toxic
Trial Summary	Equivocal
Positive Control ²	778 ± 10.2
Positive Control ³	
Positive Control ⁴	

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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	27 ± 1.3	32 ± 1.8	31 ± 2.6	24 ± 1.3	33 ± 3.0
100.0	21 ± 3.0	30 ± 4.1	25 ± 3.2	22 ± 1.3	26 ± 3.2
333.0	22 ± 3.5	24 ± 2.2	23 ± 3.1	24 ± 1.5	25 ± 2.3
1000.0	22 ± 1.7	32 ± 4.8	22 ± 1.5	18 ± 2.0	25 ± 0.7
3333.0	20 ± 3.7	21 ± 3.8	17 ± 2.0	17 ± 2.1	24 ± 1.5
10000.0	Toxic	Toxic	15 ± 3.8	4 ± 2.1	27 ± 6.4
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ³	315 ± 14.6	379 ± 22.3			
Positive Control ⁴			260 ± 7.7	120 ± 13.2	357 ± 17.6

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Test Compound: Triethylamine
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Date Report Requested: 09/11/2018
Time Report Requested: 04:22:48

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	35 ± 4.3
100.0	26 ± 2.6
333.0	30 ± 3.5
1000.0	33 ± 10.5
3333.0	42 ± 5.2
10000.0	Toxic
Trial Summary	Negative
Positive Control ³	
Positive Control ⁴	356 ± 53.3

Experiment Number: 456286

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

Test Compound: Triethylamine

CAS Number: 121-44-8

Date Report Requested: 09/11/2018

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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	4 ± 1.3	6 ± 0.6	9 ± 2.3	15 ± 1.2	7 ± 0.3
100.0	3 ± 1.0	8 ± 1.0	12 ± 1.5	9 ± 0.3	7 ± 1.2
333.0	5 ± 1.0	8 ± 1.9	11 ± 1.9	6 ± 0.3	4 ± 0.9
1000.0	4 ± 1.5	5 ± 0.6	11 ± 2.7	9 ± 1.5	5 ± 0.6
3333.0	6 ± 2.1	6 ± 0.6	6 ± 1.2	5 ± 1.9	8 ± 2.7
10000.0	Toxic	Toxic	7 ± 0.6	2 ± 0.5	7 ± 0.7
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			217 ± 5.3	204 ± 14.8	446 ± 16.1
Positive Control ⁵	110 ± 6.9	277 ± 25.1			

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Test Compound: Triethylamine

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Date Report Requested: 09/11/2018

Time Report Requested: 04:22:48

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	7 ± 0.7
100.0	6 ± 0.6
333.0	6 ± 0.7
1000.0	9 ± 3.2
3333.0	8 ± 0.7
10000.0	3 ± 2.0
Trial Summary	Negative
Positive Control ⁴	454 ± 17.6
Positive Control ⁵	

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Date Report Requested: 09/11/2018

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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	22 ± 1.7	18 ± 3.8	34 ± 2.6	33 ± 4.0	32 ± 2.3
100.0	20 ± 1.9	29 ± 4.5	33 ± 3.6	26 ± 5.4	31 ± 5.5
333.0	18 ± 1.2	18 ± 2.0	25 ± 5.9	26 ± 2.7	34 ± 4.4
1000.0	20 ± 0.6	19 ± 1.5	26 ± 4.3	29 ± 1.2	31 ± 5.7
3333.0	23 ± 6.5	12 ± 1.3	26 ± 0.7	15 ± 4.5	28 ± 3.5
10000.0	Toxic	Toxic	22 ± 2.5	Toxic	30 ± 0.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			462 ± 37.8	401 ± 33.1	926 ± 12.5
Positive Control ⁶	654 ± 54.9	730 ± 18.6			

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Test Compound: Triethylamine

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Date Report Requested: 09/11/2018

Time Report Requested: 04:22:48

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	26 ± 2.9
100.0	35 ± 5.1
333.0	32 ± 5.8
1000.0	24 ± 2.4
3333.0	34 ± 3.9
10000.0	Toxic
Trial Summary	Negative
Positive Control ²	457 ± 34.3
Positive Control ⁶	

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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: 95% Ethanol

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

**** END OF REPORT ****