

Experiment Number: 876631

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Triisopropanolamine

CAS Number: 122-20-3

Date Report Requested: 09/16/2018

Time Report Requested: 17:09:08

NTP Study Number:

876631

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	166 ± 5.1	151 ± 9.0	159 ± 10.4	151 ± 10.2	151 ± 5.7
100.0	173 ± 7.0	141 ± 9.0	182 ± 16.6	139 ± 0.6	157 ± 9.7
333.0	175 ± 3.5	131 ± 0.6	170 ± 7.0	146 ± 2.4	153 ± 4.0
1000.0	171 ± 5.5	144 ± 8.6	184 ± 8.7	149 ± 4.3	151 ± 5.7
3333.0	156 ± 5.3	152 ± 5.0	160 ± 7.8	143 ± 7.9	143 ± 7.5
10000.0	180 ± 5.2	148 ± 2.5	162 ± 5.9	139 ± 5.8	142 ± 9.7
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					1104 ± 67.8
Positive Control ³			914 ± 16.8	1025 ± 37.8	
Positive Control ⁴	1571 ± 58.6	1406 ± 62.8			

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	141 ± 0.7
100.0	147 ± 4.8
333.0	141 ± 5.6
1000.0	146 ± 3.2
3333.0	151 ± 10.3
10000.0	146 ± 4.7
Trial Summary	Negative
Positive Control ²	1040 ± 19.8
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	28 ± 2.5	42 ± 3.8	10 ± 1.7	11 ± 1.3	9 ± 1.0
100.0	27 ± 1.5	33 ± 1.2	11 ± 2.2	13 ± 0.3	12 ± 0.9
333.0	26 ± 1.7	34 ± 1.9	9 ± 1.3	15 ± 2.3	15 ± 2.2
1000.0	28 ± 4.3	32 ± 6.4	10 ± 1.9	12 ± 4.6	13 ± 2.5
3333.0	27 ± 0.9	24 ± 3.5	12 ± 0.3	11 ± 1.0	11 ± 2.0
10000.0	23 ± 3.8	28 ± 5.5	12 ± 1.8	10 ± 0.9	14 ± 1.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					76 ± 1.9
Positive Control ³			89 ± 3.1	99 ± 0.9	
Positive Control ⁴	1360 ± 37.2	1162 ± 4.5			

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Test Compound: Triisopropanolamine

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Date Report Requested: 09/16/2018

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Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	21 ± 2.7
100.0	13 ± 1.9
333.0	15 ± 1.2
1000.0	13 ± 0.3
3333.0	16 ± 1.8
10000.0	15 ± 0.3
Trial Summary	Negative
Positive Control ²	115 ± 9.1
Positive Control ³	
Positive Control ⁴	

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Test Compound: Triisopropanolamine

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Date Report Requested: 09/16/2018

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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 ± 0.3	8 ± 0.3	5 ± 1.9	6 ± 2.3	10 ± 2.9
100.0	7 ± 1.5	4 ± 0.6	5 ± 1.2	10 ± 2.9	7 ± 1.2
333.0	9 ± 1.7	6 ± 0.6	8 ± 1.5	9 ± 0.6	10 ± 1.5
1000.0	6 ± 0.7	8 ± 0.9	8 ± 0.6	9 ± 2.0	5 ± 0.7
3333.0	8 ± 2.6	6 ± 1.3	7 ± 0.3	8 ± 1.7	10 ± 1.8
10000.0	3 ± 0.3	7 ± 0.3	9 ± 3.8	10 ± 0.9	4 ± 1.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					79 ± 2.4
Positive Control ³			58 ± 8.1	82 ± 6.0	
Positive Control ⁵	141 ± 6.2	282 ± 11.2			

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Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	8 ± 0.7
100.0	7 ± 1.0
333.0	11 ± 3.2
1000.0	11 ± 1.8
3333.0	10 ± 1.5
10000.0	11 ± 0.6
Trial Summary	Negative
Positive Control ²	88 ± 7.0
Positive Control ³	
Positive Control ⁵	

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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 ± 2.7	20 ± 1.0	28 ± 2.1	30 ± 1.9	26 ± 1.7
100.0	20 ± 0.7	19 ± 1.8	26 ± 2.5	33 ± 4.9	29 ± 1.5
333.0	20 ± 2.9	19 ± 2.9	23 ± 0.6	29 ± 2.0	26 ± 1.2
1000.0	19 ± 4.6	21 ± 0.0	27 ± 1.5	30 ± 0.9	29 ± 1.8
3333.0	20 ± 3.2	15 ± 0.9	27 ± 0.3	30 ± 0.6	24 ± 2.0
10000.0	20 ± 2.9	16 ± 3.1	27 ± 3.8	25 ± 2.3	28 ± 4.7
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					939 ± 61.2
Positive Control ³			527 ± 19.1	697 ± 11.5	
Positive Control ⁶	1445 ± 19.0	1320 ± 21.1			

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G06: Ames Summary Data

Test Compound: Triisopropanolamine

CAS Number: 122-20-3

Date Report Requested: 09/16/2018

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Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	26 ± 4.5
100.0	28 ± 0.9
333.0	31 ± 1.5
1000.0	31 ± 4.1
3333.0	31 ± 4.3
10000.0	28 ± 1.2
Trial Summary	Negative
Positive Control ²	864 ± 24.3
Positive Control ³	
Positive Control ⁶	

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G06: Ames Summary Data

Test Compound: **Triisopropanolamine**

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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: Water

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 ****