

Experiment Number: 391146

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

G06: Ames Summary Data

Test Compound: **Tri-N-propylamine**

CAS Number: **102-69-2**

Date Report Requested: **09/14/2018**

Time Report Requested: **10:18:58**

NTP Study Number:

391146

Study Result:

Negative

Experiment Number: 391146

Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**Test Compound: Tri-N-propylamine
CAS Number: 102-69-2

Date Report Requested: 09/14/2018

Time Report Requested: 10:18:58

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	160 ± 2.4	91 ± 8.5	98 ± 2.9	178 ± 7.0	140 ± 2.7
10.0	152 ± 4.0				
33.0	129 ± 17.5	87 ± 4.0			
100.0	148 ± 2.6	91 ± 6.6	119 ± 8.0	189 ± 3.8	133 ± 5.2
333.0	147 ± 12.3	90 ± 1.9	128 ± 2.2	191 ± 5.9	120 ± 6.7
1000.0	131 ± 7.0	60 ± 2.1 ^s	105 ± 10.6	161 ± 8.4	133 ± 4.3
3333.0		39 ± 12.0 ^s	105 ± 11.1	164 ± 18.6	92 ± 5.8 ^s
10000.0			86 ± 3.0	0 ± 0.0 ^s	10 ± 6.1 ^s
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					342 ± 16.0
Positive Control ³	423 ± 10.3	362 ± 9.1			
Positive Control ⁴			715 ± 19.9		
Positive Control ⁵					
Positive Control ⁶				1261 ± 50.2	

Experiment Number: 391146

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Tri-N-propylamine

CAS Number: 102-69-2

Date Report Requested: 09/14/2018

Time Report Requested: 10:18:58

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	158 ± 6.2	171 ± 8.3
10.0		
33.0		149 ± 10.8
100.0	160 ± 9.3	134 ± 6.9
333.0	172 ± 6.0	162 ± 9.3
1000.0	159 ± 13.0	164 ± 10.9
3333.0	142 ± 4.8 ^s	98 ± 11.5 ^s
10000.0	Toxic	
Trial Summary	Negative	Negative
Positive Control ²		
Positive Control ³		
Positive Control ⁴		
Positive Control ⁵	726 ± 30.1	621 ± 26.4
Positive Control ⁶		

Experiment Number: 391146

Test Type: **Genetic Toxicology - Bacterial Mutagenicity****G06: Ames Summary Data**Test Compound: **Tri-N-propylamine**CAS Number: **102-69-2**Date Report Requested: **09/14/2018**Time Report Requested: **10:18:58****Strain: TA1535**

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 30% Rat S9
Vehicle Control ¹	10 ± 0.3	10 ± 2.1	11 ± 0.9	14 ± 3.3	10 ± 0.9
33.0	8 ± 1.7	10 ± 2.1		13 ± 1.9	
100.0	6 ± 0.6	7 ± 1.2	14 ± 1.8	14 ± 1.5	13 ± 0.7
333.0	8 ± 3.8	7 ± 2.6	10 ± 1.8	15 ± 1.2	13 ± 4.4
1000.0	9 ± 2.6	8 ± 1.8	10 ± 1.2	11 ± 2.9	18 ± 0.6
3333.0	Toxic	3 ± 1.5 ^s	11 ± 3.7	15 ± 2.6	11 ± 2.6
10000.0			5 ± 2.7 ^s		0 ± 0.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					
Positive Control ³	244 ± 9.1	217 ± 15.2			
Positive Control ⁵					
Positive Control ⁶			161 ± 5.8	104 ± 10.1	89 ± 9.0

Experiment Number: 391146

Test Type: **Genetic Toxicology - Bacterial
Mutagenicity****G06: Ames Summary Data**Test Compound: **Tri-N-propylamine**CAS Number: **102-69-2**Date Report Requested: **09/14/2018**Time Report Requested: **10:18:58****Strain: TA1535**

Dose (ug/Plate)	With 10% Hamster S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	15 ± 2.3	7 ± 1.9	12 ± 3.7
33.0		14 ± 1.0	
100.0	14 ± 3.2	14 ± 1.2	12 ± 1.8
333.0	17 ± 5.8	15 ± 3.5	13 ± 1.2
1000.0	21 ± 5.8	12 ± 0.7	14 ± 2.3
3333.0	15 ± 4.2 ^s	9 ± 2.0	12 ± 0.7
10000.0	15 ± 1.8 ^s		0 ± 0.0
Trial Summary	Negative	Negative	Negative
Positive Control ²	40 ± 4.8		
Positive Control ³			
Positive Control ⁵		57 ± 6.4	65 ± 4.6
Positive Control ⁶			

Experiment Number: 391146

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

Test Compound: Tri-N-propylamine

CAS Number: 102-69-2

Date Report Requested: 09/14/2018

Time Report Requested: 10:18:58

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	185 ± 3.8	128 ± 12.1	182 ± 2.4	234 ± 4.9	190 ± 7.0
33.0	177 ± 5.0	123 ± 8.1			
100.0	177 ± 10.7	150 ± 12.3	179 ± 7.6	229 ± 5.6	191 ± 7.0
333.0	178 ± 1.5	147 ± 7.4	160 ± 1.7	230 ± 1.3	201 ± 4.9
1000.0	183 ± 4.1	154 ± 10.1	172 ± 2.3	231 ± 4.1	195 ± 9.6
3333.0	139 ± 10.1 ^s	139 ± 6.2	158 ± 3.8	207 ± 25.6	187 ± 1.3
10000.0			140 ± 6.0	0 ± 0.0	167 ± 10.7
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴					1727 ± 48.0
Positive Control ⁶			828 ± 13.7	695 ± 7.1	
Positive Control ⁷	447 ± 17.6	457 ± 39.3			

Experiment Number: 391146

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

G06: Ames Summary Data

Test Compound: **Tri-N-propylamine**

CAS Number: **102-69-2**

Date Report Requested: **09/14/2018**

Time Report Requested: **10:18:58**

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	218 ± 9.9
33.0	202 ± 20.6
100.0	210 ± 13.4
333.0	222 ± 2.0
1000.0	195 ± 12.6
3333.0	164 ± 30.1 ^s
10000.0	
Trial Summary	Negative
Positive Control ⁴	
Positive Control ⁶	1641 ± 4.5
Positive Control ⁷	

Experiment Number: 391146

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

Test Compound: Tri-N-propylamine

CAS Number: 102-69-2

Date Report Requested: 09/14/2018

Time Report Requested: 10:18:58

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	29 ± 0.0	22 ± 1.8	21 ± 3.5	31 ± 4.2	33 ± 7.0
33.0		15 ± 2.3			
100.0	25 ± 4.9	19 ± 2.0	30 ± 2.1	29 ± 0.9	35 ± 4.7
333.0	27 ± 0.9	20 ± 4.1	20 ± 2.0	21 ± 2.0	37 ± 2.0
1000.0	23 ± 2.3	21 ± 2.1	25 ± 3.9	18 ± 1.5	35 ± 0.6
3333.0	14 ± 3.8 ^s	11 ± 1.5 ^s	20 ± 1.2	26 ± 2.0	31 ± 3.2
10000.0	21 ± 2.1 ^s		26 ± 1.9 ^s	0 ± 0.0 ^s	8 ± 1.5 ^s
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			174 ± 19.6		248 ± 24.4
Positive Control ⁵				426 ± 13.4	
Positive Control ⁸	350 ± 8.5	295 ± 9.6			

Experiment Number: 391146

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

G06: Ames Summary Data

Test Compound: **Tri-N-propylamine**

CAS Number: **102-69-2**

Date Report Requested: **09/14/2018**

Time Report Requested: **10:18:58**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	24 ± 1.5
33.0	
100.0	22 ± 1.5
333.0	24 ± 2.1
1000.0	22 ± 3.5
3333.0	22 ± 2.0
10000.0	Toxic
Trial Summary	Negative
Positive Control ²	
Positive Control ⁵	517 ± 10.5
Positive Control ⁸	

Experiment Number: 391146

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

G06: Ames Summary Data

Test Compound: **Tri-N-propylamine**

CAS Number: **102-69-2**

Date Report Requested: **09/14/2018**

Time Report Requested: **10:18:58**

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: 100% Ethanol

2: 0.4 ug/Plate 2-Aminoanthracene

3: 0.5 ug/Plate Sodium Azide

4: 0.75 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate 2-Aminoanthracene

6: 2.0 ug/Plate 2-Aminoanthracene

7: 24.0 ug/Plate 9-Aminoacridine

8: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**** END OF REPORT ****