

Experiment Number: **A04474**

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

G06: Ames Summary Data

Test Compound: **Tripropylene glycol**

CAS Number: **24800-44-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **15:23:42**

NTP Study Number:

A04474

Study Result:

Negative

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Test Compound: Tripropylene glycol
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Date Report Requested: 09/15/2018
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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	103 ± 7.4	180 ± 6.6	218 ± 6.0	93 ± 2.4	151 ± 6.2
100.0	122 ± 7.9	214 ± 15.1	222 ± 7.6	103 ± 2.1	169 ± 4.1
333.0	101 ± 8.8	198 ± 10.6	213 ± 12.0	77 ± 3.0	133 ± 8.5
1000.0	113 ± 5.5	185 ± 8.5	197 ± 14.7	79 ± 2.7	135 ± 17.5
3333.0	111 ± 3.8	187 ± 2.7	173 ± 2.4	104 ± 12.5	152 ± 11.9
10000.0	105 ± 6.1	197 ± 6.1	197 ± 13.1	109 ± 2.5	172 ± 6.7
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					786 ± 29.0
Positive Control ³	277 ± 8.7	391 ± 22.3			
Positive Control ⁴			1370 ± 228.5		
Positive Control ⁵					
Positive Control ⁶				553 ± 19.2	

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	114 ± 2.9
100.0	96 ± 5.2
333.0	121 ± 3.2
1000.0	100 ± 6.5
3333.0	112 ± 10.1
10000.0	110 ± 5.4
Trial Summary	Negative
Positive Control ²	
Positive Control ³	
Positive Control ⁴	
Positive Control ⁵	841 ± 17.7
Positive Control ⁶	

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Date Report Requested: 09/15/2018

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Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	18 ± 3.4	12 ± 0.6	12 ± 0.3	13 ± 0.7	17 ± 0.9
0.0		12 ± 0.0			
100.0	16 ± 2.5	11 ± 0.9	11 ± 1.2	16 ± 3.4	17 ± 2.3
333.0	18 ± 2.7	11 ± 0.9	14 ± 2.5	11 ± 3.4	19 ± 0.9
1000.0	17 ± 2.1	13 ± 1.0	11 ± 1.0	14 ± 2.9	13 ± 0.6
3333.0	12 ± 3.5	12 ± 1.9	11 ± 0.9	13 ± 1.2	14 ± 1.5
10000.0	19 ± 3.2	11 ± 0.6	8 ± 0.3	12 ± 1.3	13 ± 0.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					1670 ± 131.7
Positive Control ³	217 ± 8.4	148 ± 23.5			
Positive Control ⁵					
Positive Control ⁶			202 ± 13.6	152 ± 23.4	

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

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	12 ± 1.3
0.0	
100.0	12 ± 1.8
333.0	9 ± 2.7
1000.0	11 ± 2.1
3333.0	13 ± 1.7
10000.0	9 ± 1.2
Trial Summary	Negative
Positive Control ²	
Positive Control ³	
Positive Control ⁵	180 ± 8.6
Positive Control ⁶	

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Date Report Requested: 09/15/2018

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Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	109 ± 14.0	133 ± 3.2	141 ± 3.0	149 ± 5.0	169 ± 18.0
100.0	121 ± 7.2	152 ± 5.8	168 ± 5.0	140 ± 9.7	197 ± 5.8
333.0	109 ± 13.0	138 ± 16.4	167 ± 5.9	141 ± 6.6	221 ± 6.7
1000.0	108 ± 4.3	136 ± 7.2	158 ± 7.6	132 ± 18.4	189 ± 5.2
2000.0					
3333.0	103 ± 5.6	127 ± 13.5	145 ± 5.5	130 ± 3.0	234 ± 2.1
10000.0	112 ± 10.2	143 ± 4.8	146 ± 2.7	145 ± 9.7	201 ± 2.0
Trial Summary	Negative	Negative	Negative	Negative	Equivocal
Positive Control ⁴					1738 ± 59.8
Positive Control ⁶			1706 ± 41.3	628 ± 26.5	
Positive Control ⁷	400 ± 27.5	497 ± 25.6			

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Strain: TA97

Dose (ug/Plate)	With 10% Hamster S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	139 ± 12.7	110 ± 10.7	161 ± 6.9
100.0	150 ± 7.9	143 ± 26.3	166 ± 9.7
333.0	138 ± 7.9	165 ± 19.4	136 ± 5.9
1000.0	161 ± 2.2	170 ± 15.3	117 ± 6.5
2000.0			147 ± 4.4
3333.0	140 ± 3.8	139 ± 15.9	147 ± 7.9
10000.0	140 ± 11.5	135 ± 11.3	
Trial Summary	Negative	Equivocal	Negative
Positive Control ⁴	1735 ± 19.9		
Positive Control ⁶		1401 ± 236.9	1986 ± 60.4
Positive Control ⁷			

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	14 ± 0.3	13 ± 1.5	14 ± 1.7	15 ± 1.2	13 ± 1.5
100.0	17 ± 1.3	14 ± 1.2	15 ± 0.3	15 ± 2.8	13 ± 1.7
333.0	18 ± 0.6	14 ± 0.3	16 ± 0.3	19 ± 1.2	13 ± 1.8
1000.0	14 ± 2.2	12 ± 0.9	14 ± 1.7	17 ± 1.2	12 ± 1.9
3333.0	15 ± 3.5	11 ± 1.0	13 ± 1.2	19 ± 3.4	12 ± 1.5
10000.0	16 ± 2.4	10 ± 0.9	12 ± 1.0	14 ± 3.1	14 ± 2.1
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			366 ± 29.2		300 ± 8.2
Positive Control ⁸	110 ± 1.5	95 ± 2.6			
Positive Control ⁵				343 ± 25.5	

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Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	17 ± 2.9
100.0	14 ± 0.7
333.0	17 ± 1.9
1000.0	15 ± 2.0
3333.0	15 ± 2.3
10000.0	14 ± 0.9
Trial Summary	Negative
Positive Control ²	
Positive Control ⁸	
Positive Control ⁵	821 ± 35.9

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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: 0.4 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

**** END OF REPORT ****