

Experiment Number: 398182

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

G06: Ames Summary Data

Test Compound: **Triethylene glycol, diacetate**

CAS Number: 111-21-7

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

Time Report Requested: **16:22:28**

NTP Study Number:

398182

Study Result:

Positive

Experiment Number: 398182

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Test Compound: Triethylene glycol, diacetate

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	126 ± 1.5	113 ± 5.7	149 ± 10.3	108 ± 7.0
100.0	122 ± 10.3		105 ± 13.8	120 ± 5.8
333.0	106 ± 1.2	121 ± 2.7	154 ± 1.7	111 ± 7.4
1000.0	123 ± 8.3	200 ± 9.1	128 ± 4.7	116 ± 4.2
3333.0	209 ± 19.1	330 ± 24.7	129 ± 5.4	108 ± 4.0
6667.0		494 ± 21.5		
10000.0	363 ± 10.4	490 ± 23.8	125 ± 12.4	155 ± 4.5
Trial Summary	Positive	Positive	Negative	Equivocal
Positive Control ²	341 ± 22.6	372 ± 10.0		
Positive Control ³				1147 ± 27.6
Positive Control ⁴			1913 ± 65.0	

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	22 ± 3.1	18 ± 0.3	33 ± 3.9	27 ± 3.3
100.0	13 ± 3.5		32 ± 5.2	29 ± 2.2
333.0	20 ± 3.0	20 ± 1.5	22 ± 2.3	24 ± 2.4
1000.0	17 ± 2.0	54 ± 4.9	28 ± 3.2	33 ± 2.0
3333.0	17 ± 2.0	112 ± 11.2	35 ± 1.5	31 ± 4.2
6667.0		66 ± 4.6		
10000.0	64 ± 8.7	30 ± 2.2	29 ± 5.3	39 ± 4.9
Trial Summary	Equivocal	Positive	Negative	Negative
Positive Control ³			879 ± 11.3	1038 ± 45.5
Positive Control ⁵	403 ± 16.5	384 ± 3.5		

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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: Water

2: 0.5 ug/Plate Sodium Azide

3: 1.0 ug/Plate 2-Aminoanthracene

4: 2.0 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****