

Experiment Number: A46551

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

G06: Ames Summary Data

Test Compound: **Trimethylolpropane triacrylate**

CAS Number: **15625-89-5**

Date Report Requested: **09/17/2018**

Time Report Requested: **03:06:14**

NTP Study Number:

A46551

Study Result:

Negative

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Test Compound: Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 09/17/2018

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	111 ± 9.2	81 ± 4.9	77 ± 2.2	67 ± 2.0
1500.0	111 ± 1.3	75 ± 1.5	81 ± 1.7	66 ± 4.8
3000.0	72 ± 6.6	62 ± 3.7	74 ± 6.9	60 ± 3.9
5000.0	44 ± 2.1	55 ± 1.5	83 ± 3.2	44 ± 2.4
7500.0	32 ± 3.3	40 ± 4.0	64 ± 0.6	51 ± 6.7
10000.0	20 ± 2.2	35 ± 4.0	30 ± 3.0	33 ± 2.4
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²	687 ± 13.3	581 ± 18.7		
Positive Control ³			740 ± 2.7	997 ± 99.7

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	27 ± 3.2	17 ± 3.2	21 ± 2.8	27 ± 3.5
1500.0	22 ± 2.0	16 ± 2.3	16 ± 1.8	19 ± 3.2
3000.0	17 ± 2.8	17 ± 1.5	16 ± 1.9	8 ± 0.9
5000.0	9 ± 0.7 ^s	12 ± 1.2	16 ± 1.5	7 ± 0.9
7500.0	9 ± 2.0 ^s	7 ± 0.3	11 ± 0.7	5 ± 1.2
10000.0	7 ± 1.5 ^s	3 ± 0.3	6 ± 0.6 ^s	3 ± 0.7
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ³			728 ± 18.9	624 ± 50.8
Positive Control ⁴	463 ± 18.8	290 ± 20.0		

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Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	199 ± 16.8	135 ± 3.9	129 ± 4.4	159 ± 7.3
1500.0	138 ± 3.8	110 ± 9.9	96 ± 1.8	187 ± 5.5
3000.0	115 ± 8.2	101 ± 4.0	82 ± 0.6	158 ± 10.0
5000.0	115 ± 5.3	126 ± 3.1	199 ± 8.5	160 ± 5.2
7500.0	114 ± 4.3	120 ± 2.6	118 ± 10.4	142 ± 18.6
10000.0	105 ± 6.1	121 ± 4.3	110 ± 16.2	131 ± 8.2
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁵			912 ± 17.9	972 ± 90.4
Positive Control ⁶	1886 ± 128.2	1585 ± 5.7		

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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: Dimethyl Sulfoxide

2: 1.0 ug/Plate Sodium Azide

3: 2.5 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate 2-Nitrofluorene

5: 20.0 ug/Plate 2-Aminoanthracene

6: 4000.0 ug/Plate Methyl Methane Sulfonate

s: Slight Toxicity

**** END OF REPORT ****