

Experiment Number: A63471

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 2-Propenamide, N-(3-(dimethylamino)propyl)-2-methyl-
CAS Number: 5205-93-6

Date Report Requested: 09/17/2018

Time Report Requested: 09:30:00

NTP Study Number:

A63471

Study Result:

Negative

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Time Report Requested: 09:30:00

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	68 ± 4.3	55 ± 4.5	66 ± 6.7	58 ± 5.2
500.0		61 ± 3.5		
1000.0	73 ± 6.4	60 ± 5.7	67 ± 2.5	62 ± 4.4
2500.0	53 ± 1.5	62 ± 3.4	71 ± 9.5	71 ± 5.9
3500.0		73 ± 7.3		
5000.0	Toxic	65 ± 6.4	72 ± 7.5	59 ± 2.6
7500.0	Toxic	Toxic	72 ± 8.1	66 ± 2.3
10000.0	Toxic	Toxic	60 ± 10.5	58 ± 2.6
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²	399 ± 1.5	293 ± 15.3		
Positive Control ³			610 ± 46.1	784 ± 47.9

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	23 ± 4.8	21 ± 1.2	28 ± 4.6	36 ± 1.9
500.0		20 ± 2.1		
1000.0	21 ± 1.2	14 ± 1.5	23 ± 2.1	34 ± 2.4
2500.0	21 ± 1.7	16 ± 2.3	33 ± 4.7	28 ± 1.2
3500.0		17 ± 2.2		
5000.0	Toxic	10 ± 1.8 ^s	26 ± 2.9	30 ± 3.5
7500.0	Toxic	Toxic	33 ± 1.8	29 ± 2.9
10000.0	Toxic	Toxic	36 ± 0.9	27 ± 1.5
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ³			610 ± 46.1	637 ± 27.9
Positive Control ⁴	525 ± 20.7	427 ± 38.7		

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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	170 ± 10.3	117 ± 3.0	195 ± 6.1	125 ± 5.5
500.0		118 ± 0.9		
1000.0	158 ± 13.1	116 ± 3.2	197 ± 2.9	128 ± 4.6
2500.0	186 ± 22.7	126 ± 4.4	232 ± 19.3	126 ± 4.0
3500.0		144 ± 4.4		
5000.0	75 ± 14.5 ^s	110 ± 4.2	203 ± 8.4	132 ± 3.0
7500.0	66 ± 3.8 ^s	81 ± 6.1 ^s	225 ± 9.9	156 ± 7.8
10000.0	76 ± 4.7 ^s	Toxic	247 ± 2.8	160 ± 4.9
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁵			1065 ± 11.8	708 ± 17.6
Positive Control ⁶	1719 ± 17.4	863 ± 90.4		

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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 ****