

Experiment Number: **G03038D**

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

G06: Ames Summary Data

Test Compound: **Sodium Tungstate Dihydrate**

CAS Number: **10213-10-2**

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

Time Report Requested: **18:11:50**

NTP Study Number:

G03038D

Study Result:

Negative

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	99 ± 2.9	123 ± 8.4	113 ± 1.8	117 ± 5.7
12.5	111 ± 8.0	129 ± 8.3	112 ± 5.9	113 ± 4.7
50.0	106 ± 7.3	100 ± 4.6	106 ± 5.1	108 ± 9.5
125.0	118 ± 7.6	107 ± 8.8	116 ± 2.8	111 ± 1.2
500.0	113 ± 3.0	97 ± 3.0	120 ± 1.5	105 ± 3.9
1500.0	100 ± 5.4	113 ± 7.4	117 ± 5.5	138 ± 10.2
6000.0	100 ± 5.8	110 ± 6.4	111 ± 10.5	117 ± 12.3
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²				1724 ± 17.9
Positive Control ³	850 ± 9.3			
Positive Control ⁴			2640 ± 134.5	
Positive Control ⁵		800 ± 43.4		

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	28 ± 1.7	21 ± 2.3	46 ± 1.7	28 ± 1.2
12.5	25 ± 0.6	25 ± 4.7	33 ± 2.6	28 ± 3.1
50.0	27 ± 1.9	30 ± 3.5	29 ± 1.5	30 ± 3.5
125.0	23 ± 2.1	19 ± 3.3	32 ± 1.0	31 ± 4.4
500.0	22 ± 5.9	23 ± 4.6	34 ± 5.2	24 ± 1.0
1500.0	19 ± 1.9	17 ± 3.2	34 ± 5.8	38 ± 3.7
6000.0	30 ± 2.3	23 ± 5.5	33 ± 4.0	29 ± 5.5
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²			1216 ± 76.9	
Positive Control ⁶		465 ± 25.4		
Positive Control ⁴				1017 ± 26.1
Positive Control ⁷	518 ± 31.3			

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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	186 ± 8.4	191 ± 11.7	194 ± 10.7	219 ± 6.9
12.5	159 ± 3.1	183 ± 7.3	219 ± 5.5	183 ± 11.1
50.0	183 ± 7.1	161 ± 6.2	221 ± 20.8	179 ± 8.4
125.0	166 ± 18.2	156 ± 6.2	194 ± 3.8	181 ± 11.7
500.0	162 ± 5.8	171 ± 14.3	200 ± 13.7	206 ± 15.2
1500.0	171 ± 7.9	185 ± 9.7	213 ± 17.1	211 ± 15.6
6000.0	185 ± 11.8	165 ± 18.2	193 ± 13.9	197 ± 15.9
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁸			1234 ± 70.0	1009 ± 35.5
Positive Control ⁹	1105 ± 49.0	959 ± 21.2		

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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: Distilled Water

2: 1.0 ug/Plate 2-Aminoanthracene

3: 1.0 ug/Plate Sodium Azide

4: 2.5 ug/Plate 2-Aminoanthracene

5: 3.0 ug/Plate Sodium Azide

6: 1.0 ug/Plate 2-Nitrofluorene

7: 3.0 ug/Plate 2-Nitrofluorene

8: 20.0 ug/Plate 2-Aminoanthracene

9: 100.0 ug/Plate Methyl Methane Sulfonate

**** END OF REPORT ****