

Experiment Number: 800957

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: s-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, potassium salt

CAS Number: 2244-21-5

Date Report Requested: 09/15/2018

Time Report Requested: 08:56:04

NTP Study Number:

800957

Study Result:

Negative

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CAS Number: 2244-21-5

Time Report Requested: 08:56:04

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	108 ± 3.7	103 ± 7.5	108 ± 3.7	110 ± 9.5	116 ± 12.0
0.1	99 ± 5.5	102 ± 8.1			
0.3	116 ± 8.7	106 ± 4.8			
1.0	81 ± 6.7	115 ± 7.8			
3.0	91 ± 8.1	80 ± 4.3			121 ± 12.3
10.0	85 ± 3.0 ^s	0 ± 0.0 ^s	131 ± 4.7	106 ± 4.7	124 ± 5.2
33.0			108 ± 4.9	100 ± 2.5	105 ± 12.5
100.0			113 ± 6.1	105 ± 8.9	119 ± 5.8
333.0			117 ± 7.2	98 ± 6.5	118 ± 10.7
1000.0			0 ± 0.0 ^s	Toxic	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			399 ± 24.4	491 ± 19.1	1379 ± 19.9
Positive Control ³	399 ± 24.4	288 ± 2.0			

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	115 ± 7.9
0.1	
0.3	
1.0	
3.0	110 ± 3.7
10.0	107 ± 16.7
33.0	114 ± 7.1
100.0	106 ± 4.6
333.0	91 ± 3.8 ^s
1000.0	
Trial Summary	Negative
Positive Control ²	1071 ± 51.0
Positive Control ³	

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Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	31 ± 3.8	19 ± 2.9	9 ± 1.7	6 ± 0.0	6 ± 0.3
0.1	8 ± 4.0	14 ± 3.5			
0.3	11 ± 3.7	11 ± 1.2			
1.0	16 ± 6.9	13 ± 1.7			
3.0	10 ± 2.3	4 ± 0.6 ^S			8 ± 2.8
10.0	6 ± 1.2	0 ± 0.0 ^S	6 ± 1.2	6 ± 0.9	6 ± 0.7
33.0			5 ± 1.2	6 ± 0.3	6 ± 0.6
100.0			5 ± 1.5	4 ± 0.3	8 ± 2.0
333.0			8 ± 1.9	4 ± 0.9 ^S	11 ± 3.0
1000.0			Toxic	Toxic	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ³	440 ± 6.9	282 ± 15.0			
Positive Control ⁴			162 ± 6.1	136 ± 10.9	482 ± 29.5

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Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	7 ± 0.7
0.1	
0.3	
1.0	
3.0	8 ± 3.3
10.0	6 ± 1.8
33.0	4 ± 0.6
100.0	8 ± 2.9
333.0	5 ± 1.0 ^s
1000.0	
Trial Summary	Negative
Positive Control ³	
Positive Control ⁴	331 ± 20.1

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Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	3 ± 0.3	4 ± 1.3	8 ± 1.5	8 ± 0.9	6 ± 1.8
0.1	6 ± 0.6	5 ± 0.7			
0.3	4 ± 1.2	3 ± 0.3			
1.0	4 ± 0.6	4 ± 0.7			
3.0	3 ± 0.7	2 ± 0.3 ^s			6 ± 1.5
10.0	2 ± 1.0	1 ± 0.7 ^s	3 ± 0.6	4 ± 1.5	6 ± 1.2
33.0			3 ± 0.3	4 ± 0.6	5 ± 0.6
100.0			5 ± 0.6	6 ± 1.2	5 ± 1.5
333.0			3 ± 0.6	3 ± 0.3 ^s	6 ± 0.3
1000.0			0 ± 0.0 ^s	Toxic	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			163 ± 25.6	141 ± 12.3	457 ± 9.5
Positive Control ⁵	317 ± 31.7	178 ± 49.6			

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Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	5 ± 0.0
0.1	
0.3	
1.0	
3.0	5 ± 1.8
10.0	3 ± 0.7
33.0	6 ± 0.3
100.0	5 ± 1.2
333.0	5 ± 0.9 ^s
1000.0	
Trial Summary	Negative
Positive Control ⁴	224 ± 47.5
Positive Control ⁵	

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	16 ± 1.0	15 ± 0.6	17 ± 1.5	20 ± 1.9	27 ± 2.2
0.1	11 ± 4.3	16 ± 5.0			
0.3	9 ± 3.3	11 ± 2.6			
1.0	9 ± 2.7	15 ± 1.5			
3.0	7 ± 1.2	7 ± 1.2 ^s			23 ± 2.3
10.0	3 ± 2.4 ^s	2 ± 1.7 ^s	25 ± 4.3	21 ± 3.8	17 ± 0.7
33.0			18 ± 2.0	20 ± 4.4	17 ± 2.0
100.0			19 ± 1.2	22 ± 2.3	17 ± 0.3
333.0			13 ± 3.1	16 ± 4.9 ^s	24 ± 6.0
1000.0			Toxic	Toxic	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			285 ± 17.7	465 ± 14.7	1128 ± 60.2
Positive Control ⁶	388 ± 21.7	300 ± 21.9			

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Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	29 ± 4.6
0.1	
0.3	
1.0	
3.0	18 ± 0.9
10.0	26 ± 8.4
33.0	22 ± 1.3
100.0	24 ± 2.3
333.0	22 ± 2.3 ^s
1000.0	
Trial Summary	Negative
Positive Control ²	926 ± 57.1
Positive Control ⁶	

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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: 1.0 ug/Plate 2-Aminoanthracene

3: 1.0 ug/Plate Sodium Azide

4: 2.5 ug/Plate 2-Aminoanthracene

5: 50.0 ug/Plate 9-Aminoacridine

6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**** END OF REPORT ****