

Experiment Number: 744232

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Triprolidine hydrochloride monohydrate

CAS Number: 6138-79-0

Date Report Requested: 09/17/2018

Time Report Requested: 09:56:10

NTP Study Number:

744232

Study Result:

Negative

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Test Compound: Triprolidine hydrochloride monohydrate
CAS Number: 6138-79-0

Date Report Requested: 09/17/2018

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	89 ± 1.2	138 ± 6.5	127 ± 11.6	133 ± 5.2	135 ± 4.7
10.0		110 ± 9.1	130 ± 5.5		128 ± 4.4
33.0	89 ± 3.5	122 ± 4.4	129 ± 0.6	127 ± 9.2	132 ± 10.7
100.0	89 ± 1.5	118 ± 12.9	109 ± 9.2	130 ± 7.5	131 ± 24.3
333.0	93 ± 4.3	109 ± 3.6	107 ± 9.8	109 ± 5.6	111 ± 6.4
1000.0	88 ± 0.9	89 ± 5.9	141 ± 9.6	123 ± 6.7	127 ± 3.5
1666.0	57 ± 4.3				
3333.0				95 ± 3.2	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					821 ± 40.4
Positive Control ³			354 ± 9.2		
Positive Control ⁴				359 ± 12.1	
Positive Control ⁵	1219 ± 41.3	868 ± 8.2			

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	106 ± 12.1
10.0	
33.0	110 ± 4.5
100.0	107 ± 2.2
333.0	116 ± 9.2
1000.0	137 ± 4.5
1666.0	
3333.0	93 ± 15.1
Trial Summary	Negative
Positive Control ²	
Positive Control ³	678 ± 9.9
Positive Control ⁴	
Positive Control ⁵	

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Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	7 ± 0.9	8 ± 0.3	10 ± 1.7	13 ± 0.3	10 ± 0.7
10.0	4 ± 1.0	8 ± 1.5	9 ± 0.3	13 ± 2.6	8 ± 1.0
33.0	9 ± 0.7	8 ± 1.5	9 ± 1.2	10 ± 0.6	6 ± 0.7
100.0	8 ± 1.5	7 ± 0.6	8 ± 0.6	10 ± 1.3	9 ± 2.5
333.0	7 ± 1.5	7 ± 2.2	12 ± 3.0	10 ± 2.6	9 ± 3.3
1000.0	6 ± 0.7	5 ± 1.8	9 ± 3.3	11 ± 0.9	10 ± 0.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ³					86 ± 4.0
Positive Control ⁴			69 ± 3.2		
Positive Control ⁵	1220 ± 44.1	1031 ± 17.7			
Positive Control ⁶				59 ± 3.9	

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Test Compound: Triprolidine hydrochloride monohydrate
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Date Report Requested: 09/17/2018

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Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	9 ± 2.9
10.0	11 ± 3.1
33.0	9 ± 1.0
100.0	11 ± 2.2
333.0	6 ± 0.6
1000.0	9 ± 1.0
Trial Summary	Negative
Positive Control ³	
Positive Control ⁴	185 ± 6.6
Positive Control ⁵	
Positive Control ⁶	

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Date Report Requested: 09/17/2018

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Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	163 ± 10.1	164 ± 3.0	195 ± 0.7	216 ± 9.0	172 ± 5.2
10.0	163 ± 7.6	166 ± 9.5	207 ± 5.4	224 ± 3.6	174 ± 8.5
33.0	157 ± 4.5	176 ± 3.3	208 ± 3.5	174 ± 10.5	181 ± 4.8
100.0	158 ± 10.4	170 ± 10.0	207 ± 4.3	174 ± 7.2	187 ± 5.6
333.0	158 ± 12.1	198 ± 4.9	211 ± 5.4	150 ± 5.0	185 ± 7.8
1000.0	154 ± 12.7	177 ± 5.8	174 ± 19.8	185 ± 2.2	184 ± 4.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					419 ± 10.5
Positive Control ³			303 ± 16.0		
Positive Control ⁴				347 ± 5.5	
Positive Control ⁷	378 ± 14.9	456 ± 25.4			

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Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	166 ± 10.3
10.0	170 ± 9.2
33.0	181 ± 5.4
100.0	180 ± 5.8
333.0	188 ± 3.8
1000.0	163 ± 19.7
Trial Summary	Negative
Positive Control ²	
Positive Control ³	399 ± 60.9
Positive Control ⁴	
Positive Control ⁷	

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	17 ± 2.1	21 ± 2.6	30 ± 1.8	30 ± 7.5	22 ± 1.0
10.0		21 ± 1.2	29 ± 4.2		27 ± 1.5
33.0	13 ± 3.2	24 ± 1.5	28 ± 2.7	28 ± 0.9	27 ± 2.0
100.0	15 ± 1.0	20 ± 4.9	29 ± 1.3	17 ± 4.2	32 ± 3.8
333.0	14 ± 1.5	20 ± 2.6	30 ± 1.8	13 ± 0.3	28 ± 1.2
1000.0	17 ± 1.9	19 ± 0.7	24 ± 3.5	9 ± 0.3	23 ± 3.8
1666.0	5 ± 2.3 ^s				
3333.0				5 ± 2.2	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					632 ± 33.2
Positive Control ³			228 ± 16.2	150 ± 11.5	
Positive Control ⁸	692 ± 77.9	764 ± 25.3			

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Test Type: Genetic Toxicology - Bacterial
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G06: Ames Summary Data

Test Compound: Triprolidine hydrochloride monohydrate
CAS Number: 6138-79-0

Date Report Requested: 09/17/2018

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Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	19 ± 3.5
10.0	
33.0	21 ± 2.0
100.0	15 ± 0.9
333.0	21 ± 2.1
1000.0	16 ± 1.8
1666.0	
3333.0	11 ± 1.2
Trial Summary	Negative
Positive Control ²	
Positive Control ³	480 ± 37.8
Positive Control ⁸	

Experiment Number: 744232

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

G06: Ames Summary Data

Test Compound: **Tripolidine hydrochloride monohydrate**

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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 2-Aminoanthracene

3: 1.0 ug/Plate 2-Aminoanthracene

4: 2.5 ug/Plate 2-Aminoanthracene

5: 5.0 ug/Plate Sodium Azide

6: 5.0 ug/Plate 2-Aminoanthracene

7: 50.0 ug/Plate 9-Aminoacridine

8: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**** END OF REPORT ****