

Experiment Number: 689627

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Chlorotrianisene

CAS Number: 569-57-3

Date Report Requested: 09/13/2018

Time Report Requested: 02:12:44

NTP Study Number:

689627

Study Result:

Negative

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	Without S9	Without S9	With 10% Rat S9
Vehicle Control ¹	106 ± 1.5	90 ± 4.5	144 ± 2.4	211 ± 17.0	155 ± 5.2
100.0	90 ± 3.8	91 ± 6.0	145 ± 12.7	225 ± 12.5	137 ± 6.1
333.0	94 ± 5.0	97 ± 7.2	133 ± 8.8	261 ± 9.2	150 ± 8.6
1000.0	99 ± 7.0	103 ± 13.1 ^P	143 ± 7.1	272 ± 6.8 ^P	139 ± 4.2
3333.0	129 ± 6.1 ^P	110 ± 1.5 ^P	136 ± 6.4	250 ± 14.5 ^P	182 ± 4.5 ^P
10000.0	145 ± 6.6 ^P	103 ± 6.0 ^P	132 ± 6.1	216 ± 10.8 ^P	181 ± 2.3 ^P
Trial Summary	Equivocal	Negative	Negative	Equivocal	Negative
Positive Control ²					724 ± 43.0
Positive Control ³	559 ± 69.1	609 ± 2.0	1338 ± 50.1	681 ± 49.1	

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Strain: TA100

Dose (ug/Plate)	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	154 ± 9.6	287 ± 9.2	156 ± 11.3	177 ± 10.7	310 ± 2.5
100.0	143 ± 10.4	288 ± 8.7	166 ± 14.2	200 ± 6.0	303 ± 9.4
333.0	154 ± 6.4	288 ± 3.5	153 ± 4.7	212 ± 11.7	328 ± 15.7
1000.0	167 ± 7.7 ^P	314 ± 2.4 ^P	147 ± 5.2	185 ± 18.9 ^P	319 ± 8.0 ^P
3333.0	182 ± 3.8 ^P	300 ± 9.0 ^P	183 ± 6.6 ^P	196 ± 17.6 ^P	287 ± 8.2 ^P
10000.0	180 ± 13.7 ^P	272 ± 10.4 ^P	198 ± 9.1 ^P	181 ± 12.0 ^P	209 ± 6.6 ^P
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²	879 ± 44.3	1266 ± 20.0	734 ± 43.5	891 ± 55.2	1244 ± 99.2
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	11 ± 1.2	6 ± 2.2	16 ± 1.5	9 ± 2.3	18 ± 1.2
100.0	15 ± 2.1	4 ± 2.0	21 ± 2.0	13 ± 2.1	16 ± 2.2
333.0	14 ± 3.5	9 ± 0.9	21 ± 2.4	13 ± 1.9	17 ± 2.4
1000.0	11 ± 0.9	4 ± 0.7 ^P	18 ± 1.5	8 ± 1.2	15 ± 2.1
3333.0	12 ± 1.5 ^P	7 ± 1.5 ^P	14 ± 1.7 ^P	12 ± 0.3	17 ± 2.1 ^P
10000.0	4 ± 2.6 ^P	5 ± 1.2 ^P	15 ± 2.2 ^P	11 ± 0.7	18 ± 2.3 ^P
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			165 ± 11.3	200 ± 25.0	321 ± 26.1
Positive Control ³	568 ± 24.8	229 ± 12.9			

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Test Compound: Chlorotrianisene

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Date Report Requested: 09/13/2018

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Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	9 ± 3.1
100.0	13 ± 1.2
333.0	11 ± 2.9
1000.0	11 ± 0.6
3333.0	8 ± 2.1
10000.0	9 ± 0.9
Trial Summary	Negative
Positive Control ⁴	335 ± 11.3
Positive Control ³	

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Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	5 ± 0.9	5 ± 0.9	15 ± 1.9	6 ± 2.3	22 ± 3.5
67.0					
100.0	3 ± 1.2	5 ± 2.1	9 ± 1.7	8 ± 2.3	
167.0					19 ± 0.3
333.0	4 ± 0.3	3 ± 1.2	19 ± 2.0	7 ± 1.2	23 ± 3.9
667.0					21 ± 1.7 ^P
1000.0	1 ± 0.6	3 ± 0.6 ^P	22 ± 0.9	10 ± 1.8 ^P	14 ± 2.0 ^P
1667.0					12 ± 3.8 ^P
3333.0	2 ± 0.3 ^P	5 ± 1.7 ^P	14 ± 1.5 ^P	6 ± 0.9 ^P	
10000.0	2 ± 0.3 ^P	3 ± 1.2 ^P	6 ± 0.6 ^P	10 ± 1.5 ^P	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			91 ± 12.0	67 ± 2.8	60 ± 5.7
Positive Control ⁵	97 ± 41.2	308 ± 84.2			

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Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	7 ± 1.9	7 ± 1.2	12 ± 2.1
67.0			9 ± 1.8
100.0	8 ± 1.8	10 ± 2.0	18 ± 4.9
167.0			13 ± 1.5
333.0	15 ± 1.9	7 ± 0.9	11 ± 0.3
667.0			13 ± 3.2 ^P
1000.0	12 ± 1.5	8 ± 1.0 ^P	
1667.0			
3333.0	11 ± 2.4 ^P	6 ± 0.3 ^P	
10000.0	9 ± 2.7 ^P	11 ± 1.8 ^P	
Trial Summary	Equivocal	Negative	Negative
Positive Control ⁴	62 ± 2.2	81 ± 4.7	49 ± 7.7
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	25 ± 2.4	9 ± 0.3	26 ± 4.3	26 ± 0.3	32 ± 0.9
100.0	22 ± 0.9	9 ± 1.9	39 ± 0.0	22 ± 1.5	24 ± 3.8
333.0	30 ± 2.1	9 ± 1.2	25 ± 2.0	26 ± 4.4	27 ± 2.7
1000.0	27 ± 1.0	11 ± 2.5 ^P	24 ± 1.7	24 ± 2.5 ^P	25 ± 3.0
3333.0	22 ± 4.0 ^P	5 ± 1.0 ^P	26 ± 2.8 ^P	17 ± 1.2 ^P	23 ± 0.9 ^P
10000.0	20 ± 1.3 ^P	5 ± 0.7 ^P	21 ± 2.1 ^P	18 ± 1.2 ^P	22 ± 2.5 ^P
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			290 ± 28.8	569 ± 33.8	424 ± 32.5
Positive Control ⁶	241 ± 1.5	260 ± 8.6			

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Test Compound: Chlorotrianisene

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Date Report Requested: 09/13/2018

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Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	26 ± 1.5
100.0	28 ± 2.5
333.0	30 ± 4.3
1000.0	19 ± 2.3 ^p
3333.0	20 ± 1.2 ^p
10000.0	21 ± 0.9 ^p
Trial Summary	Negative
Positive Control ²	706 ± 30.0
Positive Control ⁶	

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

Test Compound: **Chlorotrianisene**

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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 2-Aminoanthracene

3: 3.3 ug/Plate Sodium Azide

4: 2.0 ug/Plate 2-Aminoanthracene

5: 33.0 ug/Plate 9-Aminoacridine

6: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

p: Precipitate

**** END OF REPORT ****