

Experiment Number: 172972

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

G06: Ames Summary Data

Test Compound: **1,3-Dichloropropene (Telone II)**

CAS Number: **542-75-6**

Date Report Requested: **09/13/2018**

Time Report Requested: **13:56:57**

NTP Study Number:

172972

Study Result:

Positive

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	100 ± 6.8	155 ± 1.3	102 ± 3.5	165 ± 5.2	124 ± 10.7
3.0	112 ± 5.8	165 ± 12.3			
10.0	141 ± 6.4	223 ± 24.7			
33.0	182 ± 8.3	510 ± 6.7	152 ± 7.2	197 ± 12.5	137 ± 3.0
100.0	417 ± 19.6	1672 ± 42.3	176 ± 8.7	321 ± 19.1	130 ± 11.1
333.0	1106 ± 67.6	2327 ± 171.6	353 ± 26.1	740 ± 18.2	197 ± 7.3
1000.0			97 ± 9.4	46 ± 46.3 ^s	447 ± 17.0
3333.0			131 ± 66.2	Toxic	0 ± 0.0 ^s
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control ²			591 ± 17.1	1151 ± 50.8	1185 ± 22.3
Positive Control ³	316 ± 14.8	579 ± 5.5			

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	154 ± 9.6
3.0	
10.0	
33.0	203 ± 7.1
100.0	249 ± 6.7
333.0	484 ± 22.7
1000.0	155 ± 79.3 ^s
3333.0	Toxic
Trial Summary	Positive
Positive Control ²	2803 ± 38.8
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	33 ± 3.2	58 ± 3.5	30 ± 5.5	47 ± 5.1	36 ± 2.4
3.0	28 ± 1.5	56 ± 5.4			
10.0	34 ± 2.8	83 ± 4.9			
33.0	42 ± 3.8	136 ± 23.1	36 ± 5.5	60 ± 3.7	34 ± 2.2
100.0	117 ± 6.4	586 ± 54.3	38 ± 3.2	74 ± 7.0	41 ± 2.0
333.0	393 ± 16.6	745 ± 26.4	79 ± 3.0	163 ± 19.5	48 ± 3.8
1000.0			33 ± 4.2	126 ± 30.4	107 ± 2.4
3333.0			22 ± 11.9 ^s	0 ± 0.0 ^s	5 ± 5.0 ^s
Trial Summary	Positive	Positive	Equivocal	Positive	Positive
Positive Control ³	387 ± 19.4	567 ± 14.4			
Positive Control ⁴			197 ± 5.4	313 ± 9.3	423 ± 24.1

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Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	47 ± 1.7
3.0	
10.0	
33.0	63 ± 5.6
100.0	77 ± 6.1
333.0	135 ± 7.0
1000.0	0 ± 0.0 ^s
3333.0	Toxic
Trial Summary	Positive
Positive Control ³	
Positive Control ⁴	707 ± 29.1

Experiment Number: 172972

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

Test Compound: 1,3-Dichloropropene (Telone II)

CAS Number: 542-75-6

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Strain: TA1537

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	5 ± 1.8	9 ± 1.7	6 ± 1.5
3.0	5 ± 0.9		
10.0	7 ± 0.7		
33.0	6 ± 1.5	9 ± 0.3	6 ± 0.7
100.0	6 ± 1.5	10 ± 1.2	4 ± 0.7
333.0	5 ± 1.5	6 ± 1.2	7 ± 0.6
1000.0		5 ± 2.7	11 ± 3.3
3333.0		0 ± 0.0 ^s	0 ± 0.0 ^s
Trial Summary	Negative	Negative	Negative
Positive Control ⁴		152 ± 6.3	380 ± 13.1
Positive Control ⁵	428 ± 44.2		

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Mutagenicity**G06: Ames Summary Data**

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	23 ± 4.6	27 ± 0.6	35 ± 8.8	29 ± 4.5
3.0	20 ± 0.7	35 ± 1.8		
10.0	19 ± 2.5	31 ± 6.1		
33.0	18 ± 6.4	46 ± 5.0	32 ± 2.7	28 ± 0.9
100.0	22 ± 3.9	81 ± 7.8	28 ± 2.3	35 ± 4.3
333.0	45 ± 11.8	19 ± 11.3	31 ± 3.8	34 ± 5.9
1000.0			24 ± 1.5	42 ± 4.9
3333.0			0 ± 0.0 ^s	0 ± 0.0 ^s
Trial Summary	Negative	Positive	Negative	Negative
Positive Control ²			521 ± 4.2	968 ± 33.8
Positive Control ⁶	614 ± 49.1	828 ± 30.1		

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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: 95% Ethanol

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 ****