

Experiment Number: 590584

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 1,1,2-Trichloroethane

CAS Number: 79-00-5

Date Report Requested: 09/14/2018

Time Report Requested: 17:54:47

NTP Study Number:

590584

Study Result:

Negative

Experiment Number: 590584

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Test Compound: 1,1,2-Trichloroethane

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Strain: TA100

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	108 ± 3.6	96 ± 1.8
100.0	108 ± 5.5	90 ± 9.6
333.0	101 ± 9.1	89 ± 6.8
1000.0	103 ± 5.2	92 ± 0.9
3333.0	89 ± 2.6 ^s	74 ± 2.6 ^s
10000.0	71 ± 6.4 ^s	77 ± 6.4 ^s
Trial Summary	Negative	Negative
Positive Control ²	309 ± 17.9	279 ± 17.0

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Strain: TA1535

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	10 ± 2.2	7 ± 0.0
100.0	11 ± 3.5	7 ± 2.8
333.0	15 ± 1.5	7 ± 2.0
1000.0	12 ± 1.5	9 ± 2.2
3333.0	10 ± 2.5 ^s	8 ± 0.9 ^s
10000.0	3 ± 0.3 ^s	2 ± 0.6 ^s
Trial Summary	Negative	Negative
Positive Control ²	59 ± 0.3	37 ± 7.2

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Strain: TA97

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	90 ± 8.8	102 ± 0.9
100.0	93 ± 6.0	87 ± 5.3
333.0	92 ± 0.9	98 ± 1.5
1000.0	89 ± 5.2	88 ± 4.6
3333.0	63 ± 6.1 ^s	70 ± 6.0 ^s
10000.0	12 ± 4.2 ^s	50 ± 0.9 ^s
Trial Summary	Negative	Negative
Positive Control ²	186 ± 14.7	238 ± 31.2

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Test Compound: 1,1,2-Trichloroethane

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Strain: TA98

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	18 ± 2.6	15 ± 1.9
100.0	16 ± 1.5	18 ± 0.9
333.0	16 ± 2.6	18 ± 2.3
1000.0	10 ± 2.2	16 ± 1.2
3333.0	15 ± 1.9 ^s	17 ± 3.7 ^s
10000.0	4 ± 0.6 ^s	8 ± 2.9 ^s
Trial Summary	Negative	Negative
Positive Control ²	140 ± 12.2	133 ± 2.2

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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: Dimethyl Sulfoxide

2: 1.0 ug/Plate 2-Aminoanthracene

s: Slight Toxicity

**** END OF REPORT ****