

Experiment Number: 866388

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 1,1,2,2-Tetrachloroethane

CAS Number: 79-34-5

Date Report Requested: 09/16/2018

Time Report Requested: 16:02:58

NTP Study Number:

866388

Study Result:

Negative

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Strain: TA100

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	96 ± 5.7	86 ± 2.2
33.0	104 ± 2.1	93 ± 0.6
100.0	96 ± 3.7	89 ± 4.1
333.0	104 ± 2.2	98 ± 2.9
1000.0	94 ± 6.2 ^s	81 ± 4.7
3333.0	9 ± 1.2 ^s	74 ± 3.3 ^s
Trial Summary	Negative	Negative
Positive Control ²	250 ± 19.8	281 ± 6.7

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Strain: TA1535

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	13 ± 2.3	10 ± 2.2
33.0	8 ± 0.6	7 ± 2.7
100.0	13 ± 2.3	14 ± 0.9
333.0	8 ± 1.7	12 ± 1.8
1000.0	5 ± 0.9 ^s	11 ± 1.9
3333.0	5 ± 0.6 ^s	3 ± 0.3 ^s
Trial Summary	Negative	Negative
Positive Control ²	52 ± 2.3	42 ± 3.8

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Strain: TA97

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	100 ± 3.2	105 ± 3.2
33.0	103 ± 1.2	110 ± 4.7
100.0	103 ± 4.5	93 ± 7.8
333.0	107 ± 0.6	99 ± 8.1
1000.0	72 ± 6.8 ^s	94 ± 2.2
3333.0	13 ± 1.7 ^s	1 ± 0.6 ^s
Trial Summary	Negative	Negative
Positive Control ²	178 ± 3.8	200 ± 2.7

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Test Type: Genetic Toxicology - Bacterial Mutagenicity

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Strain: TA98

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	16 ± 2.0	20 ± 2.2
33.0	16 ± 1.9	23 ± 1.3
100.0	16 ± 1.5	25 ± 1.8
333.0	15 ± 2.1	21 ± 1.0
1000.0	10 ± 1.2 ^s	24 ± 2.1
3333.0	3 ± 3.0 ^s	18 ± 3.5 ^s
Trial Summary	Negative	Negative
Positive Control ²	151 ± 7.8	164 ± 16.6

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

G06: Ames Summary Data

Test Compound: 1,1,2,2-Tetrachloroethane

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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 ****