

Experiment Number: 939541

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

G06: Ames Summary Data

Test Compound: **Heptachlor**

CAS Number: **76-44-8**

Date Report Requested: **09/17/2018**

Time Report Requested: **12:26:53**

NTP Study Number:

939541

Study Result:

Negative

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Date Report Requested: **09/17/2018**

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Strain: TA100

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	100 ± 4.6	100 ± 0.3
100.0	106 ± 9.6	99 ± 8.4
333.0	107 ± 7.5	110 ± 3.5
1000.0	105 ± 3.8	102 ± 3.4
3333.0	122 ± 7.0	100 ± 0.3
10000.0	136 ± 5.3 ^p	99 ± 0.6 ^p
Trial Summary	Equivocal	Negative
Positive Control ²	262 ± 7.9	369 ± 14.0

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Strain: TA1535

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	10 ± 1.2	16 ± 1.0
100.0	8 ± 3.0	11 ± 2.8
333.0	10 ± 2.0	11 ± 2.8
1000.0	6 ± 0.9	10 ± 1.9
3333.0	4 ± 0.3	9 ± 3.6
10000.0	7 ± 1.9 ^p	12 ± 0.3 ^p
Trial Summary	Negative	Negative
Positive Control ²	31 ± 1.8	44 ± 2.9

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Strain: TA97

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	93 ± 2.8	99 ± 0.6
100.0	81 ± 4.6	101 ± 13.3
333.0	82 ± 0.6	91 ± 4.7
1000.0	80 ± 3.9	118 ± 5.6
3333.0	74 ± 1.3	108 ± 4.4
10000.0	70 ± 0.6 ^p	108 ± 3.6 ^p
Trial Summary	Negative	Negative
Positive Control ²	165 ± 2.7	253 ± 14.7

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Strain: TA98

Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	20 ± 3.9	35 ± 2.6
100.0	14 ± 0.6	35 ± 2.8
333.0	19 ± 1.5	38 ± 1.5
1000.0	19 ± 2.7	34 ± 2.4
3333.0	20 ± 1.8	35 ± 0.3
10000.0	14 ± 0.6 ^p	37 ± 1.8 ^p
Trial Summary	Negative	Negative
Positive Control ²	87 ± 6.9	347 ± 34.1

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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: Dimethyl Sulfoxide

2: 1.0 ug/Plate 2-Aminoanthracene

p: Precipitate

**** END OF REPORT ****