

Experiment Number: 210083

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Dieldrin

CAS Number: 60-57-1

Date Report Requested: 09/14/2018

Time Report Requested: 14:58:37

NTP Study Number:

210083

Study Result:

Negative

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G06: Ames Summary Data

Date Report Requested: 09/14/2018

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

Test Compound: Dieldrin

Time Report Requested: 14:58:37

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	79 ± 4.2	124 ± 4.4	66 ± 4.8	153 ± 5.5	77 ± 4.2
33.0	81 ± 5.8	105 ± 13.7	83 ± 8.0	163 ± 11.0	87 ± 8.1
100.0	76 ± 5.2	102 ± 8.7	73 ± 8.7	165 ± 10.7	76 ± 2.0
333.0	72 ± 6.9 ^p	95 ± 9.9 ^p	72 ± 9.2 ^p	169 ± 4.9 ^p	74 ± 4.7 ^p
1000.0	73 ± 0.9 ^p	110 ± 11.3 ^p	81 ± 1.5 ^p	165 ± 2.5 ^p	73 ± 10.3 ^p
3333.0	67 ± 9.3 ^p	93 ± 4.0 ^p	74 ± 2.6 ^p	145 ± 9.9 ^p	80 ± 5.0 ^p
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			499 ± 49.5	1136 ± 193.0	819 ± 98.9
Positive Control ³	477 ± 27.0	505 ± 10.1			

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	155 ± 9.3
33.0	142 ± 9.7
100.0	143 ± 4.7
333.0	141 ± 1.9 ^P
1000.0	150 ± 4.9 ^P
3333.0	149 ± 10.3 ^P
Trial Summary	Negative
Positive Control ²	2617 ± 106.6
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	10 ± 4.1	19 ± 3.3	9 ± 3.7	7 ± 1.0	5 ± 0.3
33.0	9 ± 2.2	17 ± 1.2	7 ± 1.2	7 ± 1.8	5 ± 1.5
100.0	9 ± 0.0	15 ± 0.6	6 ± 0.6	7 ± 0.9	6 ± 1.2
333.0	8 ± 1.2 ^P	21 ± 2.0 ^P	4 ± 0.6 ^P	6 ± 0.9 ^P	8 ± 2.0 ^P
1000.0	8 ± 1.2 ^P	21 ± 2.0 ^P	6 ± 1.2 ^P	7 ± 1.2 ^P	5 ± 1.0 ^P
3333.0	6 ± 0.7 ^P	16 ± 2.6 ^P	7 ± 2.6 ^P	8 ± 2.3 ^P	5 ± 1.8 ^P
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ³	296 ± 8.7	523 ± 12.5			
Positive Control ⁴			260 ± 15.4	265 ± 10.7	192 ± 21.5

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Test Compound: Dieldrin

CAS Number: 60-57-1

Date Report Requested: 09/14/2018

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Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	8 ± 1.3
33.0	5 ± 1.2
100.0	8 ± 0.9
333.0	8 ± 2.3 ^P
1000.0	8 ± 2.3 ^P
3333.0	8 ± 1.7 ^P
Trial Summary	Negative
Positive Control ³	
Positive Control ⁴	597 ± 3.9

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Test Type: Genetic Toxicology - Bacterial
Mutagenicity

Test Compound: Dieldrin

Time Report Requested: 14:58:37

CAS Number: 60-57-1

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	5 ± 0.9	6 ± 1.0	3 ± 0.3	6 ± 0.9	7 ± 0.3
33.0	6 ± 1.5	4 ± 1.0	5 ± 2.3	6 ± 1.0	6 ± 1.2
100.0	4 ± 1.2	6 ± 0.0	4 ± 0.9	7 ± 1.0	5 ± 0.6
333.0	5 ± 0.9 ^p	6 ± 2.0 ^p	4 ± 0.6 ^p	8 ± 1.2 ^p	5 ± 0.3 ^p
1000.0	3 ± 1.0 ^p	5 ± 1.5 ^p	4 ± 0.9 ^p	6 ± 2.3 ^p	2 ± 0.3 ^p
3333.0	5 ± 1.2 ^p	4 ± 0.9 ^p	6 ± 0.3 ^p	7 ± 1.5 ^p	5 ± 0.6 ^p
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			124 ± 13.2	203 ± 23.4	62 ± 14.9
Positive Control ⁵	123 ± 22.2	162 ± 71.1			

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Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	7 ± 2.0
33.0	5 ± 2.0
100.0	6 ± 0.9
333.0	6 ± 0.3 ^p
1000.0	5 ± 1.2 ^p
3333.0	9 ± 1.5 ^p
Trial Summary	Negative
Positive Control ⁴	455 ± 41.2
Positive Control ⁵	

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Test Compound: Dieldrin

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Date Report Requested: 09/14/2018

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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	14 ± 1.3	28 ± 4.0	14 ± 1.9	31 ± 2.5	20 ± 2.0
33.0	14 ± 0.9	33 ± 2.3	16 ± 0.3	34 ± 1.0	20 ± 4.0
100.0	10 ± 2.2	29 ± 1.0	14 ± 3.1	38 ± 3.5	19 ± 3.5
333.0	10 ± 0.9 ^P	20 ± 3.2 ^P	14 ± 1.2 ^P	39 ± 8.4 ^P	16 ± 1.0 ^P
1000.0	10 ± 3.1 ^P	22 ± 3.2 ^P	14 ± 2.0 ^P	38 ± 5.4 ^P	15 ± 1.0 ^P
3333.0	10 ± 1.5 ^P	22 ± 6.6 ^P	14 ± 4.0 ^P	31 ± 1.9 ^P	18 ± 1.7 ^P
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			216 ± 15.2	532 ± 34.5	415 ± 5.0
Positive Control ⁶	848 ± 26.7	848 ± 37.3			

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G06: Ames Summary Data

Test Compound: Dieldrin

CAS Number: 60-57-1

Date Report Requested: 09/14/2018

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Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	25 ± 3.8
33.0	42 ± 4.9
100.0	31 ± 6.4
333.0	38 ± 4.7 ^P
1000.0	37 ± 3.5 ^P
3333.0	34 ± 4.2 ^P
Trial Summary	Negative
Positive Control ²	1769 ± 56.9
Positive Control ⁶	

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Test Compound: **Dieldrin**

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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: 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

p: Precipitate

**** END OF REPORT ****