

Experiment Number: **741984**

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

G06: Ames Summary Data

Test Compound: **Stannous chloride**

CAS Number: **7772-99-8**

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

Time Report Requested: **06:01:50**

NTP Study Number:

741984

Study Result:

Negative

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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	138 ± 3.7	126 ± 6.6	136 ± 4.0	157 ± 7.5	136 ± 2.0
3.3	99 ± 6.2	126 ± 3.5	135 ± 6.7	145 ± 4.3	131 ± 3.2
10.0	92 ± 6.0	130 ± 6.7	140 ± 6.7	147 ± 5.7	163 ± 10.9
33.0	108 ± 3.1	130 ± 1.7	148 ± 7.0	131 ± 1.2	152 ± 7.6
100.0	92 ± 9.0	127 ± 0.5	154 ± 12.0	138 ± 1.9	157 ± 8.1
333.0	82 ± 2.0	130 ± 1.2	138 ± 6.7	133 ± 0.0	138 ± 9.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			1531 ± 58.0	2045 ± 155.0	1940 ± 39.9
Positive Control ³	928 ± 85.9	855 ± 32.2			

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	149 ± 7.3
3.3	146 ± 2.2
10.0	144 ± 5.5
33.0	137 ± 7.5
100.0	136 ± 9.4
333.0	134 ± 3.4
Trial Summary	Negative
Positive Control ²	1666 ± 78.4
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	13 ± 1.5	18 ± 3.5	19 ± 2.0	23 ± 2.5	19 ± 2.2
3.3	11 ± 0.9	16 ± 2.7	23 ± 0.9	28 ± 1.5	19 ± 3.5
10.0	15 ± 2.5	16 ± 3.5	20 ± 2.1	25 ± 1.0	15 ± 2.5
33.0	9 ± 0.3	21 ± 1.0	17 ± 1.8	24 ± 1.2	11 ± 0.9
100.0	7 ± 0.6	18 ± 0.9	9 ± 0.6	26 ± 1.2	11 ± 0.9
333.0	6 ± 0.7	11 ± 2.7	8 ± 0.6	23 ± 2.5	7 ± 1.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			326 ± 20.3	356 ± 25.6	318 ± 17.6
Positive Control ³	841 ± 146.8	883 ± 15.7			

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Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	26 ± 0.9
3.3	29 ± 1.5
10.0	25 ± 2.4
33.0	26 ± 2.4
100.0	25 ± 1.0
333.0	21 ± 1.0
Trial Summary	Negative
Positive Control ⁴	299 ± 31.2
Positive Control ³	

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Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	8 ± 1.5	8 ± 0.9	5 ± 0.6	19 ± 0.5	9 ± 0.9
3.3	5 ± 0.9	9 ± 0.9	5 ± 0.6	17 ± 1.2	6 ± 0.6
10.0	7 ± 1.2	8 ± 0.9	4 ± 1.0	16 ± 1.9	5 ± 1.9
33.0	4 ± 1.2	11 ± 2.6	11 ± 1.9	17 ± 1.2	7 ± 1.3
100.0	4 ± 0.9	11 ± 2.6	9 ± 0.9	19 ± 0.0	9 ± 0.9
333.0	5 ± 1.8	10 ± 1.7	6 ± 0.9	15 ± 2.0	9 ± 3.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			247 ± 15.9	183 ± 10.3	341 ± 74.0
Positive Control ⁵	446 ± 87.4	152 ± 20.9			

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Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	21 ± 1.5
3.3	22 ± 1.2
10.0	26 ± 1.0
33.0	24 ± 1.5
100.0	25 ± 0.9
333.0	24 ± 1.5
Trial Summary	Negative
Positive Control ⁴	104 ± 5.8
Positive Control ⁵	

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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	23 ± 0.9	28 ± 2.0	32 ± 2.6	37 ± 0.9	32 ± 5.1
3.3	24 ± 1.5	25 ± 1.7	37 ± 5.2	30 ± 2.4	32 ± 2.1
10.0	17 ± 2.6	30 ± 1.8	21 ± 1.2	30 ± 1.3	27 ± 2.6
33.0	20 ± 2.7	24 ± 5.5	24 ± 1.9	24 ± 5.0	20 ± 4.3
100.0	17 ± 3.0	24 ± 0.3	23 ± 3.0	34 ± 1.0	24 ± 3.3
333.0	15 ± 3.4	28 ± 1.2	21 ± 2.8	29 ± 0.6	33 ± 5.6
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			1569 ± 67.3	1394 ± 147.6	1560 ± 108.9
Positive Control ⁶	177 ± 15.7	252 ± 19.5			

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Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	37 ± 1.2
3.3	32 ± 1.8
10.0	33 ± 2.9
33.0	33 ± 2.6
100.0	31 ± 0.9
333.0	32 ± 2.1
Trial Summary	Negative
Positive Control ²	964 ± 180.6
Positive Control ⁶	

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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: Water

2: 1.0 ug/Plate 2-Aminoanthracene

3: 3.3 ug/Plate Sodium Azide

4: 2.0 ug/Plate 2-Aminoanthracene

5: 33.0 ug/Plate 9-Aminoacridine

6: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****