

Experiment Number: 311380

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Triphenyltin hydroxide

CAS Number: 76-87-9

Date Report Requested: 09/12/2018

Time Report Requested: 03:51:04

NTP Study Number:

311380

Study Result:

Negative

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Test Compound: Triphenyltin hydroxide
CAS Number: 76-87-9

Date Report Requested: 09/12/2018

Time Report Requested: 03:51:04

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	162 ± 6.9	152 ± 10.9	150 ± 12.5	128 ± 6.7	127 ± 7.5
0.03		158 ± 7.4			
0.1	157 ± 14.4	143 ± 10.5			
0.3	166 ± 8.5	133 ± 2.8			
1.0	136 ± 13.9	136 ± 14.2	142 ± 5.5	162 ± 5.0	141 ± 6.4
3.0	67 ± 6.4	84 ± 5.0 ^s	141 ± 11.7	179 ± 16.2	142 ± 13.1
10.0	37 ± 19.2 ^s		133 ± 12.3	167 ± 9.9	153 ± 2.7
33.0			117 ± 13.9	149 ± 5.9	142 ± 6.1
66.0			66 ± 4.7		
100.0				29 ± 3.6	8 ± 0.9 ^s
166.0					
Trial Summary	Negative	Negative	Negative	Equivocal	Negative
Positive Control ²					808 ± 12.1
Positive Control ³	364 ± 6.7	389 ± 3.8			
Positive Control ⁴			508 ± 28.2		
Positive Control ⁵				558 ± 31.7	

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Date Report Requested: 09/12/2018
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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	168 ± 12.1
0.03	
0.1	
0.3	
1.0	
3.0	171 ± 12.3
10.0	165 ± 6.8
33.0	144 ± 4.8
66.0	
100.0	102 ± 5.2
166.0	15 ± 14.7 ^s
Trial Summary	Negative
Positive Control ²	
Positive Control ³	
Positive Control ⁴	747 ± 63.5
Positive Control ⁵	

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Date Report Requested: 09/12/2018

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Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	20 ± 0.3	15 ± 1.5	10 ± 1.2	9 ± 0.6	8 ± 1.0
0.03	16 ± 1.5	13 ± 1.0			
0.1	14 ± 0.9	15 ± 2.9			
0.3	18 ± 4.7	10 ± 3.0			
1.0	17 ± 1.5	13 ± 2.1	8 ± 0.6	9 ± 1.3	8 ± 0.6
3.0	15 ± 2.5	5 ± 2.7 ^s	6 ± 1.0	9 ± 1.8	6 ± 1.2
10.0			7 ± 0.3	8 ± 1.2	5 ± 2.5
33.0			6 ± 0.9	7 ± 2.3	6 ± 0.3
66.0			9 ± 2.3	10 ± 1.0	
100.0					6 ± 0.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ³	445 ± 15.3	256 ± 16.1			
Positive Control ⁴					136 ± 5.5
Positive Control ⁵			95 ± 2.8		
Positive Control ⁶				109 ± 4.1	

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G06: Ames Summary Data
Test Compound: Triphenyltin hydroxide
CAS Number: 76-87-9

Date Report Requested: 09/12/2018
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Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	13 ± 1.9
0.03	
0.1	
0.3	
1.0	9 ± 2.9
3.0	10 ± 1.5
10.0	13 ± 1.2
33.0	13 ± 2.6
66.0	
100.0	11 ± 4.1
Trial Summary	Negative
Positive Control ³	
Positive Control ⁴	
Positive Control ⁵	359 ± 42.7
Positive Control ⁶	

Experiment Number: 311380

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G06: Ames Summary Data

Test Compound: Triphenyltin hydroxide

CAS Number: 76-87-9

Date Report Requested: 09/12/2018

Time Report Requested: 03:51:04

Strain: TA1537

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	9 ± 1.2	6 ± 0.6	7 ± 1.9
0.03	6 ± 0.6		
0.1	5 ± 0.7		
0.3	6 ± 1.2		
1.0	6 ± 2.0	10 ± 1.0	6 ± 1.5
3.0	5 ± 0.3	7 ± 0.7	9 ± 0.3
10.0		5 ± 0.9	7 ± 0.3
33.0		6 ± 0.7	5 ± 0.9
66.0		3 ± 0.7	
100.0			4 ± 2.0
Trial Summary	Negative	Negative	Negative
Positive Control ⁴			66 ± 1.8
Positive Control ⁵		43 ± 1.2	
Positive Control ⁷	194 ± 12.9		

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Test Compound: Triphenyltin hydroxide

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Date Report Requested: 09/12/2018

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Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	105 ± 10.1	180 ± 28.5	217 ± 1.5	176 ± 4.2	197 ± 7.5
0.03	112 ± 2.7	169 ± 22.9			
0.1	105 ± 5.4	215 ± 8.1			
0.3	107 ± 4.4	221 ± 3.5			
1.0	94 ± 10.7	193 ± 9.8	209 ± 5.9	204 ± 7.5	178 ± 18.4
3.0	33 ± 11.9	69 ± 16.9 ^s	211 ± 0.7	210 ± 6.5	183 ± 9.8
10.0			204 ± 5.2	186 ± 14.3	181 ± 21.5
33.0			165 ± 16.1	178 ± 11.2	189 ± 9.1
66.0			91 ± 34.9 ^s	192 ± 6.1	
100.0					10 ± 1.7 ^s
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					444 ± 11.0
Positive Control ⁴			350 ± 20.0		
Positive Control ⁵				301 ± 5.6	
Positive Control ⁷	442 ± 46.0	773 ± 30.8			

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Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	171 ± 3.2
0.03	
0.1	
0.3	
1.0	166 ± 3.8
3.0	164 ± 6.3
10.0	180 ± 1.5
33.0	164 ± 9.3
66.0	
100.0	40 ± 7.7
Trial Summary	Negative
Positive Control ²	
Positive Control ⁴	325 ± 39.8
Positive Control ⁵	
Positive Control ⁷	

Experiment Number: 311380

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G06: Ames Summary Data

Test Compound: Triphenyltin hydroxide
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Date Report Requested: 09/12/2018

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	25 ± 0.9	23 ± 1.8	29 ± 3.4	44 ± 6.2	31 ± 3.3
0.03		21 ± 1.7			
0.1	16 ± 3.2	19 ± 1.5			
0.3	16 ± 2.4	15 ± 2.8			
1.0	14 ± 1.5	16 ± 2.0	23 ± 3.9	41 ± 5.4	
3.0	14 ± 3.9	10 ± 0.9 ^s	27 ± 2.6	30 ± 0.3	20 ± 4.1
10.0	0 ± 0.0 ^s		26 ± 1.9	29 ± 3.8	28 ± 6.4
33.0			21 ± 0.3	23 ± 1.5	24 ± 2.6
66.0			22 ± 0.9		
100.0				17 ± 2.3	15 ± 1.3
166.0					2 ± 1.7 ^s
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					600 ± 34.3
Positive Control ⁴			288 ± 12.3	117 ± 6.8	
Positive Control ⁸	528 ± 3.5	401 ± 16.7			

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Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	23 ± 1.7
0.03	
0.1	
0.3	
1.0	
3.0	31 ± 7.4
10.0	28 ± 2.7
33.0	30 ± 0.3
66.0	
100.0	25 ± 2.2
166.0	23 ± 4.7
Trial Summary	Negative
Positive Control ²	
Positive Control ⁴	428 ± 22.6
Positive Control ⁸	

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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: Acetone

2: 0.5 ug/Plate 2-Aminoanthracene

3: 1.0 ug/Plate Sodium Azide

4: 1.0 ug/Plate 2-Aminoanthracene

5: 2.5 ug/Plate 2-Aminoanthracene

6: 5.0 ug/Plate 2-Aminoanthracene

7: 50.0 ug/Plate 9-Aminoacridine

8: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**** END OF REPORT ****