

Experiment Number: 542334

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Methyltin-tris(isooctylmercaptoacetate)

CAS Number: 54849-38-6

Date Report Requested: 09/13/2018

Time Report Requested: 16:49:09

NTP Study Number:

542334

Study Result:

Negative

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Test Compound: Methyltin-tris(isooctylmercaptoacetate)

CAS Number: 54849-38-6

Date Report Requested: 09/13/2018

Time Report Requested: 16:49:09

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	145 ± 8.6	113 ± 4.6	127 ± 9.7	138 ± 4.4	146 ± 7.2
10.0	153 ± 5.3	111 ± 6.2	135 ± 12.7	143 ± 4.3	133 ± 10.0
33.0	134 ± 9.7	102 ± 5.6	127 ± 7.0	129 ± 14.2	118 ± 6.7
100.0	154 ± 12.8	92 ± 9.6	124 ± 12.6	134 ± 5.6	128 ± 4.9
333.0	164 ± 14.7	106 ± 4.7	136 ± 8.7	130 ± 4.2	107 ± 4.9
666.0	157 ± 16.4	103 ± 9.3	104 ± 15.2	124 ± 11.9	96 ± 15.8
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					581 ± 93.7
Positive Control ³	492 ± 5.8	343 ± 12.8			
Positive Control ⁴			576 ± 17.0		
Positive Control ⁵					
Positive Control ⁶				389 ± 13.3	

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CAS Number: 54849-38-6

Date Report Requested: 09/13/2018

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	160 ± 2.7
10.0	156 ± 4.5
33.0	165 ± 0.9
100.0	158 ± 6.7
333.0	149 ± 4.3
666.0	147 ± 13.6
Trial Summary	Negative
Positive Control ²	
Positive Control ³	
Positive Control ⁴	
Positive Control ⁵	647 ± 43.6
Positive Control ⁶	

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CAS Number: 54849-38-6

Date Report Requested: 09/13/2018

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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	25 ± 1.5	23 ± 1.2	17 ± 2.0	17 ± 2.8	16 ± 1.5
10.0	16 ± 2.3	15 ± 0.9	16 ± 2.0	16 ± 1.5	20 ± 3.6
33.0	20 ± 2.0	14 ± 1.5	16 ± 4.1	19 ± 2.4	15 ± 3.5
100.0	20 ± 0.6	12 ± 2.1	15 ± 2.0	14 ± 0.7	16 ± 3.5
333.0	18 ± 2.3	13 ± 1.9	16 ± 0.6	16 ± 2.7	13 ± 2.6
666.0		13 ± 0.9	11 ± 1.2		11 ± 1.5
1000.0	18 ± 1.5 ^s			4 ± 2.0 ^s	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					60 ± 0.3
Positive Control ³	337 ± 22.9				
Positive Control ⁵					
Positive Control ⁶			107 ± 6.4	106 ± 2.9	
Positive Control ⁷		198 ± 5.4			

Experiment Number: 542334

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Methyltin-tris(isooctylmercaptoacetate)

CAS Number: 54849-38-6

Date Report Requested: 09/13/2018

Time Report Requested: 16:49:09

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	20 ± 1.5
10.0	17 ± 0.7
33.0	20 ± 2.1
100.0	13 ± 2.3
333.0	8 ± 0.6 ^s
666.0	
1000.0	1 ± 0.9 ^s
Trial Summary	Negative
Positive Control ²	
Positive Control ³	
Positive Control ⁵	281 ± 19.7
Positive Control ⁶	
Positive Control ⁷	

Experiment Number: 542334

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

G06: Ames Summary Data

Test Compound: **Methyltin-tris(isooctylmercaptoacetate)**

CAS Number: 54849-38-6

Date Report Requested: 09/13/2018

Time Report Requested: 16:49:09

Strain: TA1537

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	6 ± 1.5	4 ± 0.9	7 ± 0.6
10.0	6 ± 0.6	7 ± 0.3	6 ± 1.0
33.0	4 ± 0.6	6 ± 2.1	5 ± 0.7
100.0	7 ± 3.2	6 ± 0.9	7 ± 0.9
333.0	5 ± 0.0	7 ± 0.5	5 ± 1.2 ^s
1000.0	6 ± 1.9 ^s	7 ± 1.0 ^s	0 ± 0.0 ^s
Trial Summary	Negative	Negative	Negative
Positive Control ⁸		40 ± 4.7	369 ± 19.6
Positive Control ⁹	41 ± 4.7		

Experiment Number: 542334

Test Type: Genetic Toxicology - Bacterial
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G06: Ames Summary Data

Test Compound: Methyltin-tris(isooctylmercaptoacetate)

CAS Number: 54849-38-6

Date Report Requested: 09/13/2018

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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	88 ± 3.6	63 ± 0.9	98 ± 2.7	164 ± 4.1	96 ± 8.9
10.0	63 ± 1.8	66 ± 1.8	101 ± 4.2	177 ± 11.9	93 ± 3.5
33.0	63 ± 4.4	64 ± 2.2	106 ± 3.9	149 ± 7.8	94 ± 3.2
100.0	56 ± 1.0 ^s	63 ± 1.5 ^s	98 ± 6.0	161 ± 5.5	84 ± 4.6
333.0	80 ± 3.1 ^s	64 ± 1.2 ^s	82 ± 8.1	117 ± 10.7 ^s	94 ± 7.8
666.0		53 ± 2.3 ^s	65 ± 4.8 ^s		76 ± 5.8 ^s
1000.0	88 ± 8.4 ^s			0 ± 0.0 ^s	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴					533 ± 9.7
Positive Control ⁶			852 ± 17.6		
Positive Control ⁸				334 ± 3.5	
Positive Control ¹⁰	256 ± 25.4	372 ± 17.6			

Experiment Number: 542334

Test Type: Genetic Toxicology - Bacterial
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G06: Ames Summary Data

Test Compound: Methyltin-tris(isooctylmercaptoacetate)

CAS Number: 54849-38-6

Date Report Requested: 09/13/2018

Time Report Requested: 16:49:09

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	121 ± 4.6
10.0	117 ± 1.5
33.0	112 ± 4.9
100.0	98 ± 3.1
333.0	99 ± 5.9
666.0	
1000.0	18 ± 18.0 ^s
Trial Summary	Negative
Positive Control ⁴	
Positive Control ⁶	
Positive Control ⁸	1505 ± 13.9
Positive Control ¹⁰	

Experiment Number: 542334

Test Type: Genetic Toxicology - Bacterial
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G06: Ames Summary Data

Test Compound: Methyltin-tris(isooctylmercaptoacetate)

CAS Number: 54849-38-6

Date Report Requested: 09/13/2018

Time Report Requested: 16:49:09

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 ± 4.7	14 ± 1.2	37 ± 1.3	43 ± 3.2	29 ± 1.7
10.0	26 ± 3.5	17 ± 1.5	37 ± 3.3	43 ± 5.8	21 ± 2.1
33.0	17 ± 1.7	16 ± 0.7	28 ± 2.5	42 ± 2.9	31 ± 5.0
100.0	28 ± 1.5	12 ± 3.2	26 ± 3.8	39 ± 1.5	30 ± 1.8
333.0	23 ± 4.8	13 ± 1.5	27 ± 2.6	40 ± 0.9	31 ± 2.3
666.0	27 ± 1.8	21 ± 1.7	24 ± 1.5 ^s	36 ± 5.6	28 ± 1.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ¹¹					153 ± 5.8
Positive Control ²			196 ± 1.5		
Positive Control ¹²	168 ± 3.5	159 ± 12.2			
Positive Control ⁵				120 ± 8.1	

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Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	43 ± 2.4
10.0	46 ± 6.4
33.0	37 ± 3.1
100.0	32 ± 2.0
333.0	47 ± 3.7
666.0	39 ± 3.8
Trial Summary	Negative
Positive Control ¹¹	
Positive Control ²	91 ± 5.2
Positive Control ¹²	
Positive Control ⁵	

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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: 95% Ethanol

2: 0.4 ug/Plate 2-Aminoanthracene

3: 0.5 ug/Plate Sodium Azide

4: 0.75 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate 2-Aminoanthracene

6: 2.0 ug/Plate 2-Aminoanthracene

7: 2.5 ug/Plate Sodium Azide

8: 2.5 ug/Plate 2-Aminoanthracene

9: 4.0 ug/Plate 9-Aminoacridine

10: 8.0 ug/Plate 9-Aminoacridine

11: 0.2 ug/Plate 2-Aminoanthracene

12: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**** END OF REPORT ****