

Experiment Number: 178695

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Triethyllead chloride

CAS Number: 1067-14-7

Date Report Requested: 09/13/2018

Time Report Requested: 18:28:33

**NTP Study Number:**

178695

**Study Result:**

Negative

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## G06: Ames Summary Data

Test Compound: Triethyllead chloride

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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 <sup>1</sup>	170 ± 3.5	140 ± 4.8	154 ± 2.7	178 ± 11.8	165 ± 9.9
1.0	166 ± 15.2	151 ± 11.8	140 ± 0.9	170 ± 5.2	150 ± 3.5
3.3	163 ± 5.8	145 ± 4.9	139 ± 5.3	158 ± 9.2	139 ± 5.7
10.0	157 ± 4.3	132 ± 1.2	139 ± 10.1	158 ± 13.2	135 ± 3.8
33.0	135 ± 7.4	86 ± 0.7	120 ± 6.2	115 ± 10.2	114 ± 8.4
100.0	80 ± 6.4	53 ± 5.5 <sup>s</sup>	81 ± 11.3	60 ± 1.8	77 ± 3.1
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					1159 ± 28.0
Positive Control <sup>3</sup>			894 ± 38.8	575 ± 19.6	
Positive Control <sup>4</sup>	1082 ± 98.2	1508 ± 70.4			

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**Strain: TA100**

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<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	178 ± 6.9
1.0	168 ± 9.2
3.3	174 ± 7.6
10.0	140 ± 3.5
33.0	116 ± 7.8
100.0	70 ± 4.8
Trial Summary	Negative
Positive Control <sup>2</sup>	813 ± 15.6
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	

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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 <sup>1</sup>	30 ± 1.5	32 ± 1.2	11 ± 1.2	23 ± 1.2	12 ± 2.2
1.0	24 ± 3.5	20 ± 0.7	9 ± 1.0	23 ± 0.3	12 ± 3.0
3.3	26 ± 1.7	21 ± 2.6	9 ± 1.5	19 ± 0.7	10 ± 0.9
10.0	26 ± 2.4	20 ± 2.0	10 ± 2.3	17 ± 2.3	6 ± 2.3
33.0	14 ± 2.6	17 ± 0.9	8 ± 1.0	11 ± 1.0	9 ± 0.3
100.0	4 ± 0.9	3 ± 0.9	2 ± 0.9	4 ± 1.0	3 ± 1.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					124 ± 1.5
Positive Control <sup>3</sup>			84 ± 9.3	74 ± 4.4	
Positive Control <sup>4</sup>	845 ± 71.2	1269 ± 22.7			

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**Strain: TA1535**

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<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	25 ± 3.5
1.0	18 ± 0.9
3.3	18 ± 3.8
10.0	17 ± 1.5
33.0	12 ± 0.3
100.0	6 ± 0.3
Trial Summary	Negative
Positive Control <sup>2</sup>	68 ± 4.7
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	

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## G06: Ames Summary Data

Test Compound: Triethyllead chloride

CAS Number: 1067-14-7

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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 <sup>1</sup>	5 ± 0.7	5 ± 0.7	8 ± 0.6	6 ± 1.5	5 ± 0.9
1.0	5 ± 0.9	5 ± 0.9	4 ± 0.6	8 ± 0.7	6 ± 0.9
3.3	6 ± 2.7	5 ± 1.5	5 ± 0.7	10 ± 1.7	6 ± 1.5
10.0	4 ± 0.6	5 ± 1.2	4 ± 1.9	5 ± 0.9	6 ± 1.2
33.0	4 ± 0.9	4 ± 2.3	6 ± 1.5	7 ± 2.3	4 ± 0.6
100.0	2 ± 1.3	1 ± 0.6 <sup>s</sup>	2 ± 0.7	3 ± 0.3	2 ± 0.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					95 ± 2.3
Positive Control <sup>3</sup>			58 ± 9.6	56 ± 3.2	
Positive Control <sup>5</sup>	151 ± 22.9	362 ± 102.3			

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Strain: TA1537

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Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	6 ± 0.7
1.0	8 ± 1.0
3.3	9 ± 2.3
10.0	4 ± 0.9
33.0	4 ± 3.0
100.0	4 ± 0.9
Trial Summary	Negative
Positive Control <sup>2</sup>	67 ± 3.2
Positive Control <sup>3</sup>	
Positive Control <sup>5</sup>	

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## G06: Ames Summary Data

Test Compound: Triethyllead chloride

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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 <sup>1</sup>	16 ± 2.0	16 ± 1.9	24 ± 1.2	27 ± 1.9	30 ± 3.3
1.0	16 ± 0.9	17 ± 2.9	22 ± 3.6	20 ± 1.2	26 ± 2.3
3.3	15 ± 0.9	14 ± 0.6	21 ± 2.5	24 ± 3.8	25 ± 6.6
10.0	13 ± 1.9	11 ± 1.0	18 ± 3.2	19 ± 1.2	23 ± 2.1
33.0	14 ± 2.6	12 ± 0.6	16 ± 0.7	14 ± 1.9	20 ± 0.3
100.0	8 ± 1.2	8 ± 0.9	8 ± 2.5	11 ± 1.0	10 ± 0.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					944 ± 25.0
Positive Control <sup>3</sup>			578 ± 8.4	576 ± 13.9	
Positive Control <sup>6</sup>	1375 ± 13.1	1773 ± 16.6			



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Strain: TA98

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Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	25 ± 2.7
1.0	31 ± 1.2
3.3	22 ± 0.9
10.0	25 ± 0.3
33.0	23 ± 1.2
100.0	9 ± 0.7
Trial Summary	Negative
Positive Control <sup>2</sup>	879 ± 21.4
Positive Control <sup>3</sup>	
Positive Control <sup>6</sup>	

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**G06: Ames Summary Data**

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**LEGEND**

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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: 0.75 ug/Plate 2-Aminoanthracene

3: 1.5 ug/Plate 2-Aminoanthracene

4: 2.5 ug/Plate Sodium Azide

5: 80.0 ug/Plate 9-Aminoacridine

6: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**\*\* END OF REPORT \*\***