

Experiment Number: **A91084**

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

**G06: Ames Summary Data**

Test Compound: **Trichloromethylstannane**

CAS Number: **993-16-8**

Date Report Requested: **09/15/2018**

Time Report Requested: **11:56:46**

**NTP Study Number:**

A91084

**Study Result:**

Negative

Experiment Number: A91084

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Mutagenicity

## G06: Ames Summary Data

Test Compound: Trichloromethylstannane

CAS Number: 993-16-8

Date Report Requested: 09/15/2018

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## Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	194 ± 9.6	188 ± 8.1	170 ± 8.1	164 ± 19.0	183 ± 15.3
100.0	198 ± 13.4	174 ± 5.2	145 ± 15.3	172 ± 7.0	171 ± 9.6
333.0	181 ± 5.9	159 ± 5.8	160 ± 13.1	174 ± 7.4	172 ± 8.4
1000.0	191 ± 7.8	161 ± 9.8	163 ± 10.1	211 ± 16.1	159 ± 9.3
3333.0	158 ± 6.0	106 ± 2.6	138 ± 9.0	170 ± 9.8	116 ± 13.3
10000.0	35 ± 8.1 <sup>s</sup>	2 ± 2.0 <sup>s</sup>	2 ± 1.7 <sup>s</sup>	51 ± 4.0 <sup>s</sup>	0 ± 0.0 <sup>s</sup>
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					870 ± 16.3
Positive Control <sup>3</sup>	635 ± 11.1	654 ± 25.3			
Positive Control <sup>4</sup>			1035 ± 53.0		
Positive Control <sup>5</sup>					
Positive Control <sup>6</sup>				724 ± 32.2	

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**Strain: TA100**

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<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	172 ± 8.5
100.0	148 ± 8.5
333.0	162 ± 2.9
1000.0	161 ± 7.8
3333.0	152 ± 10.1
10000.0	8 ± 1.5 <sup>s</sup>
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	
Positive Control <sup>5</sup>	741 ± 27.0
Positive Control <sup>6</sup>	

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## G06: Ames Summary Data

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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 <sup>1</sup>	13 ± 3.6	11 ± 2.1	21 ± 2.5	17 ± 1.3	12 ± 1.2
100.0	15 ± 1.2	12 ± 1.5	17 ± 2.0	14 ± 0.9	18 ± 5.2
333.0	21 ± 2.1	14 ± 2.6	14 ± 2.6	12 ± 1.5	11 ± 1.5
1000.0	14 ± 1.2	13 ± 0.7	10 ± 1.9	17 ± 3.8	14 ± 1.5
3333.0	11 ± 2.0	10 ± 1.8	11 ± 2.6	15 ± 2.4	10 ± 2.6
10000.0	2 ± 1.2 <sup>s</sup>	0 ± 0.3 <sup>s</sup>	0 ± 0.0 <sup>s</sup>	2 ± 1.5 <sup>s</sup>	0 ± 0.0 <sup>s</sup>
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					121 ± 6.0
Positive Control <sup>3</sup>	151 ± 10.8	120 ± 10.1			
Positive Control <sup>5</sup>					
Positive Control <sup>6</sup>			289 ± 28.2	205 ± 13.9	

Experiment Number: A91084

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**G06: Ames Summary Data**

Test Compound: Trichloromethylstannane  
CAS Number: 993-16-8

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**Strain: TA1535**

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<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	15 ± 2.3
100.0	17 ± 1.0
333.0	16 ± 2.6
1000.0	15 ± 1.5
3333.0	17 ± 1.9
10000.0	3 ± 1.5 <sup>s</sup>
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>3</sup>	
Positive Control <sup>5</sup>	286 ± 26.3
Positive Control <sup>6</sup>	

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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 <sup>1</sup>	85 ± 2.1	102 ± 5.8	138 ± 12.3	108 ± 4.3	109 ± 7.0
100.0	92 ± 4.0	105 ± 13.3	115 ± 18.4	112 ± 9.1	109 ± 5.5
333.0	94 ± 10.7	97 ± 3.1	125 ± 19.4	94 ± 4.3	101 ± 7.0
1000.0	101 ± 11.1	98 ± 5.4	147 ± 3.5	77 ± 6.9	120 ± 19.8
3333.0	81 ± 4.2	86 ± 7.4	102 ± 5.6	78 ± 12.8	85 ± 3.5
10000.0	4 ± 0.9 <sup>s</sup>	0 ± 0.3 <sup>s</sup>	1 ± 1.0 <sup>s</sup>	2 ± 1.7 <sup>s</sup>	1 ± 1.0 <sup>s</sup>
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>4</sup>					977 ± 47.5
Positive Control <sup>6</sup>			1028 ± 39.0	704 ± 24.6	
Positive Control <sup>7</sup>	668 ± 34.2	638 ± 14.0			

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Strain: TA97

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Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control <sup>1</sup>	142 ± 5.3
100.0	113 ± 8.5
333.0	145 ± 14.5
1000.0	125 ± 20.9
3333.0	146 ± 2.9
10000.0	2 ± 0.9 <sup>s</sup>
Trial Summary	Negative
Positive Control <sup>4</sup>	
Positive Control <sup>6</sup>	770 ± 53.6
Positive Control <sup>7</sup>	

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Test Compound: Trichloromethylstannane  
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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 <sup>1</sup>	19 ± 1.2	12 ± 1.5	21 ± 1.0	25 ± 1.9	21 ± 1.2
100.0	24 ± 3.6	13 ± 0.6	19 ± 3.8	27 ± 3.3	20 ± 4.7
333.0	17 ± 1.0	13 ± 1.2	20 ± 2.9	19 ± 2.6	22 ± 1.5
1000.0	23 ± 2.7	17 ± 1.5	18 ± 2.2	25 ± 2.7	18 ± 3.8
3333.0	16 ± 1.9	14 ± 3.8	18 ± 3.5	14 ± 0.9	15 ± 2.5
10000.0	4 ± 1.7 <sup>s</sup>	0 ± 0.0 <sup>s</sup>	1 ± 0.6 <sup>s</sup>	0 ± 0.0 <sup>s</sup>	0 ± 0.0 <sup>s</sup>
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			518 ± 5.2		913 ± 15.1
Positive Control <sup>8</sup>	97 ± 4.6	107 ± 9.0			
Positive Control <sup>5</sup>				202 ± 22.6	



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Strain: TA98

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Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control <sup>1</sup>	19 ± 1.8
100.0	23 ± 0.6
333.0	24 ± 1.5
1000.0	28 ± 2.3
3333.0	23 ± 0.9
10000.0	3 ± 2.7 <sup>s</sup>
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>8</sup>	
Positive Control <sup>5</sup>	583 ± 19.3

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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: Water

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: 24.0 ug/Plate 9-Aminoacridine

8: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

\*\* END OF REPORT \*\*