

Experiment Number: 837478

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Methyltris(trimethylsiloxy)silane

CAS Number: 17928-28-8

Date Report Requested: 09/15/2018

Time Report Requested: 23:44:27

**NTP Study Number:**

837478

**Study Result:**

Negative

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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>	106 ± 4.1	102 ± 8.2	117 ± 2.0	113 ± 16.2	108 ± 2.3
0.0		0 ± 0.0			
100.0	119 ± 1.5	106 ± 6.4	113 ± 4.3	129 ± 3.6	109 ± 4.9
333.0	114 ± 9.6	103 ± 6.9	105 ± 3.9	102 ± 5.9	111 ± 3.2
1000.0	103 ± 5.2	106 ± 5.3	106 ± 6.4	113 ± 4.5	104 ± 7.5
3333.0	109 ± 7.4	101 ± 4.9	106 ± 8.1	97 ± 10.9	104 ± 6.0
10000.0	107 ± 0.9	98 ± 10.3	109 ± 10.1	108 ± 3.2	104 ± 3.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					352 ± 13.3
Positive Control <sup>3</sup>			317 ± 12.3		
Positive Control <sup>4</sup>	902 ± 47.9	962 ± 25.5			
Positive Control <sup>5</sup>				394 ± 11.0	

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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>	119 ± 1.8
0.0	
100.0	103 ± 8.2
333.0	117 ± 4.6
1000.0	104 ± 8.1
3333.0	99 ± 9.1
10000.0	100 ± 6.7
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>3</sup>	385 ± 25.2
Positive Control <sup>4</sup>	
Positive Control <sup>5</sup>	

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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>	11 ± 2.3	12 ± 1.5	12 ± 1.5	14 ± 0.3	10 ± 1.7
100.0	11 ± 1.5	9 ± 1.9	11 ± 2.0	14 ± 2.2	11 ± 2.1
333.0	10 ± 2.3	12 ± 1.7	14 ± 0.3	15 ± 1.2	11 ± 1.9
1000.0	10 ± 1.0	13 ± 1.0	9 ± 2.1	13 ± 2.1	12 ± 2.0
3333.0	12 ± 1.3	14 ± 0.7	8 ± 0.7	15 ± 0.9	8 ± 0.7
10000.0	13 ± 0.3	12 ± 3.2	10 ± 0.6	11 ± 1.2	12 ± 0.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>3</sup>					94 ± 1.5
Positive Control <sup>4</sup>	810 ± 3.2	804 ± 42.0			
Positive Control <sup>5</sup>			88 ± 3.8		
Positive Control <sup>6</sup>				123 ± 7.0	

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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>	16 ± 0.3
100.0	14 ± 1.2
333.0	16 ± 1.2
1000.0	15 ± 1.5
3333.0	14 ± 0.9
10000.0	12 ± 2.5
Trial Summary	Negative
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	
Positive Control <sup>5</sup>	173 ± 12.2
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>	115 ± 8.4	102 ± 0.3	152 ± 3.8	174 ± 3.3	145 ± 17.2
100.0	113 ± 8.7	120 ± 9.5	146 ± 5.2	182 ± 13.0	138 ± 13.0
333.0	122 ± 8.8	127 ± 2.7	160 ± 7.8	182 ± 10.4	122 ± 3.4
1000.0	127 ± 17.2	117 ± 7.2	151 ± 4.4	194 ± 9.5	132 ± 14.3
3333.0	133 ± 2.0	117 ± 4.7	172 ± 8.2	187 ± 11.7	158 ± 1.8
10000.0	138 ± 5.8	101 ± 10.1	138 ± 11.6	171 ± 9.2	162 ± 7.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					327 ± 5.6
Positive Control <sup>3</sup>			271 ± 21.6		
Positive Control <sup>5</sup>				425 ± 6.5	
Positive Control <sup>7</sup>	371 ± 11.1	270 ± 18.8			

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**Strain: TA97**

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<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	152 ± 9.0
100.0	164 ± 9.0
333.0	175 ± 1.7
1000.0	177 ± 9.2
3333.0	167 ± 10.9
10000.0	168 ± 6.1
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>3</sup>	432 ± 10.7
Positive Control <sup>5</sup>	
Positive Control <sup>7</sup>	

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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>	12 ± 0.3	16 ± 1.2	13 ± 1.0	14 ± 0.3	14 ± 0.9
0.0				0 ± 0.0	
100.0	11 ± 0.7	15 ± 1.2	13 ± 0.6	12 ± 2.0	14 ± 1.2
333.0	12 ± 1.3	15 ± 0.0	15 ± 1.9	14 ± 0.9	15 ± 0.6
1000.0	12 ± 1.5	15 ± 2.0	13 ± 0.9	14 ± 3.4	16 ± 2.9
3333.0	12 ± 1.5	14 ± 2.5	15 ± 0.6	13 ± 2.0	14 ± 1.2
10000.0	11 ± 0.3	13 ± 3.2	13 ± 2.6	12 ± 1.0	12 ± 0.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					217 ± 13.7
Positive Control <sup>3</sup>			159 ± 5.0		
Positive Control <sup>8</sup>	354 ± 19.1	306 ± 11.7			
Positive Control <sup>5</sup>				205 ± 5.2	



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**Strain: TA98**

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<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	14 ± 0.9
0.0	
100.0	12 ± 0.6
333.0	10 ± 0.3
1000.0	12 ± 0.9
3333.0	14 ± 2.3
10000.0	10 ± 1.2
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>3</sup>	226 ± 11.3
Positive Control <sup>8</sup>	
Positive Control <sup>5</sup>	

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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: Acetone

2: 1.0 ug/Plate 2-Aminoanthracene

3: 2.0 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate Sodium Azide

5: 5.0 ug/Plate 2-Aminoanthracene

6: 10.0 ug/Plate 2-Aminoanthracene

7: 50.0 ug/Plate 9-Aminoacridine

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

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