

Experiment Number: 655449

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

**G06: Ames Summary Data**

Test Compound: **Corn oil**

CAS Number: **8001-30-7**

Date Report Requested: **09/11/2018**

Time Report Requested: **06:14:51**

**NTP Study Number:**

655449

**Study Result:**

Negative

Experiment Number: 655449

**G06: Ames Summary Data**

Date Report Requested: 09/11/2018

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

Test Compound: Corn oil

Time Report Requested: 06:14:51

**Strain: TA100**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 30% Rat S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	88 ± 5.2	129 ± 0.6	143 ± 5.5	117 ± 5.6	120 ± 16.5
100.0	80 ± 2.7	99 ± 0.9	136 ± 6.7	131 ± 8.4	124 ± 17.7
333.0	94 ± 4.9	103 ± 2.9	138 ± 7.6	126 ± 10.5	117 ± 11.9
1000.0	79 ± 1.2	107 ± 3.5	135 ± 3.1	115 ± 16.0	108 ± 15.1
3333.0	88 ± 2.3	116 ± 4.1	134 ± 2.3	113 ± 14.1	112 ± 8.5
10000.0	81 ± 3.2	103 ± 6.4	131 ± 9.2	110 ± 18.2	103 ± 0.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					831 ± 88.5
Positive Control <sup>3</sup>			344 ± 4.9	408 ± 9.3	
Positive Control <sup>4</sup>	872 ± 14.7	795 ± 8.2			

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Strain: TA100

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Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control <sup>1</sup>	89 ± 1.9
100.0	95 ± 6.4
333.0	107 ± 10.2
1000.0	103 ± 10.8
3333.0	94 ± 9.5
10000.0	96 ± 5.0
Trial Summary	Negative
Positive Control <sup>2</sup>	691 ± 38.6
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	

Experiment Number: 655449

**G06: Ames Summary Data**

Date Report Requested: 09/11/2018

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**Test Compound: **Corn oil**

Time Report Requested: 06:14:51

**Strain: TA1535**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 30% Rat S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	5 ± 1.2	9 ± 1.8	10 ± 0.6	8 ± 1.5	10 ± 0.3
100.0	6 ± 1.5	12 ± 1.9	12 ± 0.3	9 ± 0.0	10 ± 2.0
333.0	5 ± 0.6	13 ± 1.5	10 ± 2.3	7 ± 0.7	9 ± 1.0
1000.0	6 ± 0.6	11 ± 0.6	11 ± 1.5	8 ± 0.7	9 ± 2.6
3333.0	4 ± 1.3	11 ± 1.5	11 ± 1.8	7 ± 0.9	8 ± 0.0
10000.0	3 ± 0.3	11 ± 2.0	12 ± 1.2	9 ± 0.9	10 ± 0.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>3</sup>					107 ± 5.8
Positive Control <sup>4</sup>	449 ± 32.5	836 ± 54.9			
Positive Control <sup>5</sup>			54 ± 1.0	73 ± 3.3	

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G06: Ames Summary Data  
Test Compound: Corn oil  
CAS Number: 8001-30-7

Date Report Requested: 09/11/2018  
Time Report Requested: 06:14:51

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Strain: TA1535

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Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control <sup>1</sup>	6 ± 0.6
100.0	7 ± 1.2
333.0	3 ± 0.9
1000.0	7 ± 1.5
3333.0	4 ± 1.2
10000.0	8 ± 0.9
Trial Summary	Negative
Positive Control <sup>3</sup>	176 ± 17.0
Positive Control <sup>4</sup>	
Positive Control <sup>5</sup>	

Experiment Number: 655449

**G06: Ames Summary Data**

Date Report Requested: 09/11/2018

Test Type: **Genetic Toxicology - Bacterial  
Mutagenicity**Test Compound: **Corn oil**

Time Report Requested: 06:14:51

CAS Number: 8001-30-7

**Strain: TA97**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 30% Rat S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	128 ± 4.6	163 ± 10.9	169 ± 7.1	179 ± 8.5	174 ± 6.9
100.0	126 ± 5.5	154 ± 8.3	168 ± 8.7	159 ± 2.9	174 ± 2.3
333.0	127 ± 6.5	158 ± 8.0	151 ± 14.0	173 ± 2.6	163 ± 5.5
1000.0	126 ± 7.3	185 ± 0.9	176 ± 11.5	185 ± 8.1	166 ± 7.0
3333.0	115 ± 4.3	164 ± 8.6	167 ± 7.9	199 ± 3.2	159 ± 8.0
10000.0	134 ± 2.3	193 ± 3.5	165 ± 18.4	205 ± 4.7	187 ± 9.4
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					446 ± 20.9
Positive Control <sup>3</sup>			310 ± 1.0	386 ± 10.6	
Positive Control <sup>6</sup>	553 ± 26.8	426 ± 29.4			

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G06: Ames Summary Data  
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Strain: TA97

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Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control <sup>1</sup>	145 ± 5.0
100.0	145 ± 6.5
333.0	133 ± 14.8
1000.0	143 ± 7.1
3333.0	162 ± 11.5
10000.0	139 ± 7.6
Trial Summary	Negative
Positive Control <sup>2</sup>	367 ± 9.7
Positive Control <sup>3</sup>	
Positive Control <sup>6</sup>	

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**G06: Ames Summary Data**

Test Compound: Corn oil

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**Strain: TA98**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 30% Rat S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	18 ± 1.9	17 ± 0.9	31 ± 5.3	39 ± 3.5	29 ± 5.9
100.0	18 ± 2.0	23 ± 1.5	23 ± 5.0	22 ± 4.7	22 ± 2.8
333.0	20 ± 3.2	19 ± 2.7	23 ± 4.3	22 ± 3.7	20 ± 3.7
1000.0	18 ± 3.5	16 ± 3.2	27 ± 2.0	18 ± 1.7	23 ± 3.5
3333.0	19 ± 4.2	16 ± 1.9	19 ± 4.0	17 ± 3.9	23 ± 1.5
10000.0	18 ± 3.5	17 ± 2.3	24 ± 5.5	24 ± 6.7	21 ± 2.8
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			262 ± 11.5	141 ± 5.8	954 ± 30.9
Positive Control <sup>7</sup>	528 ± 41.1	777 ± 9.2			



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Strain: TA98

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Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control <sup>1</sup>	20 ± 4.2
100.0	22 ± 1.3
333.0	21 ± 4.2
1000.0	26 ± 3.3
3333.0	22 ± 1.8
10000.0	20 ± 0.9
Trial Summary	Negative
Positive Control <sup>2</sup>	503 ± 36.3
Positive Control <sup>7</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: Dimethyl Sulfoxide

2: 1.0 ug/Plate 2-Aminoanthracene

3: 2.5 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate Sodium Azide

5: 5.0 ug/Plate 2-Aminoanthracene

6: 50.0 ug/Plate 9-Aminoacridine

7: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

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