

Experiment Number: **G05016**

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

**G06: Ames Summary Data**

Test Compound: **Garcinia Cambogia Extract**

CAS Number: **90045-23-1**

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

Time Report Requested: **21:40:04**

**NTP Study Number:**

G05016

**Study Result:**

Negative

Experiment Number: G05016

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CAS Number: 90045-23-1

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**Strain: TA100**

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	128 ± 1.3	100 ± 10.4	111 ± 8.4	88 ± 1.5
100.0	99 ± 2.1	120 ± 1.7	110 ± 4.1	115 ± 8.0
250.0	129 ± 8.1	131 ± 12.3	114 ± 11.6	92 ± 4.9
500.0	111 ± 6.4	124 ± 4.9	128 ± 8.3	92 ± 7.4
1500.0	120 ± 3.0	129 ± 8.4	112 ± 1.5	95 ± 1.9
3000.0	124 ± 5.8	103 ± 11.1	122 ± 7.4	86 ± 3.9
6000.0	120 ± 12.1	120 ± 7.0	119 ± 4.3	102 ± 4.2
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	528 ± 21.3	428 ± 19.8		
Positive Control <sup>3</sup>			538 ± 45.7	421 ± 14.9

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	15 ± 2.3	32 ± 1.7	23 ± 3.8	41 ± 3.5
100.0	15 ± 3.2	39 ± 7.2	15 ± 2.3	30 ± 5.5
250.0	15 ± 5.2	31 ± 4.0	23 ± 3.5	38 ± 6.7
500.0	20 ± 1.5	35 ± 2.6	23 ± 2.5	42 ± 7.2
1500.0	17 ± 3.8	31 ± 3.2	26 ± 4.2	36 ± 3.7
3000.0	16 ± 1.5	25 ± 3.3	25 ± 1.5	49 ± 6.8
6000.0	21 ± 3.0	28 ± 4.3	25 ± 5.0	39 ± 3.2
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>4</sup>			923 ± 30.8	1450 ± 103.7
Positive Control <sup>5</sup>	462 ± 28.7	724 ± 28.5		

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Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	106 ± 6.8	179 ± 17.9	161 ± 9.3	172 ± 10.3
100.0	118 ± 0.9	171 ± 16.7	140 ± 12.8	222 ± 3.5
250.0	134 ± 4.6	185 ± 14.7	152 ± 9.5	245 ± 17.9
500.0	128 ± 4.6	169 ± 9.1	172 ± 9.5	220 ± 13.5
1500.0	109 ± 6.1	179 ± 7.4	152 ± 4.6	206 ± 8.6
3000.0	121 ± 5.8	155 ± 28.1	141 ± 9.6	179 ± 10.2
6000.0	130 ± 2.1	226 ± 11.6	154 ± 9.8	177 ± 9.4
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>6</sup>	1719 ± 89.2	1745 ± 90.4		
Positive Control <sup>7</sup>			1347 ± 77.8	1359 ± 8.2

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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: Distilled Water

2: 1.0 ug/Plate Sodium Azide

3: 2.0 ug/Plate Other Positive Control

4: 2.0 ug/Plate 2-Aminoanthracene

5: 3.0 ug/Plate 2-Nitrofluorene

6: 0.25 ug/Plate Other Positive Control

7: 20.0 ug/Plate 2-Aminoanthracene

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