

Experiment Number: 373410

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

**G06: Ames Summary Data**

Test Compound: **Chlorobenzilate**

CAS Number: **510-15-6**

Date Report Requested: **09/14/2018**

Time Report Requested: **02:44:59**

**NTP Study Number:**

373410

**Study Result:**

Negative

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**Strain: TA100**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	114 ± 3.8	136 ± 11.3	134 ± 8.7	163 ± 20.3	160 ± 10.3
33.0	93 ± 6.8	94 ± 11.2	135 ± 10.7	178 ± 8.1	137 ± 3.1
100.0	79 ± 1.7	81 ± 9.2	118 ± 12.4	139 ± 11.2	115 ± 4.2
333.0	Toxic	Toxic	118 ± 11.3	142 ± 9.3	93 ± 15.6
1000.0	Toxic	10 ± 2.5	121 ± 6.1	111 ± 17.9	117 ± 1.9
3333.0	Toxic	Toxic	124 ± 18.7	124 ± 13.7	148 ± 2.6
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			2279 ± 118.6	557 ± 25.2	1243 ± 165.9
Positive Control <sup>3</sup>	439 ± 26.6	667 ± 65.4			

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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>	152 ± 4.3
33.0	155 ± 17.5
100.0	136 ± 13.8
333.0	85 ± 2.3
1000.0	89 ± 11.3
3333.0	124 ± 16.2
Trial Summary	Negative
Positive Control <sup>2</sup>	1397 ± 56.1
Positive Control <sup>3</sup>	

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Test Compound: Chlorobenzilate

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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>	4 ± 1.5	5 ± 0.3	10 ± 0.9	8 ± 2.3	6 ± 1.5
1.0		3 ± 1.2			
3.3		7 ± 0.7			
10.0		5 ± 0.9			
33.0	4 ± 0.6	5 ± 0.9	4 ± 0.6	6 ± 2.1	6 ± 0.6
100.0	Toxic	6 ± 1.2	5 ± 1.2	6 ± 1.2	7 ± 1.2
333.0	Toxic		6 ± 2.0	7 ± 1.9	3 ± 0.7
1000.0	Toxic		3 ± 0.3	4 ± 0.6	2 ± 0.3
3333.0	Toxic		4 ± 0.0	6 ± 0.9	5 ± 0.6
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			63 ± 2.8	38 ± 8.7	36 ± 3.5
Positive Control <sup>3</sup>	468 ± 52.1	255 ± 49.3			

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Strain: TA1535

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Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	5 ± 0.7
1.0	
3.3	
10.0	
33.0	5 ± 0.6
100.0	4 ± 0.9
333.0	6 ± 0.7
1000.0	3 ± 0.9
3333.0	8 ± 0.9
Trial Summary	Negative
Positive Control <sup>2</sup>	28 ± 4.5
Positive Control <sup>3</sup>	

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## G06: Ames Summary Data

Test Compound: Chlorobenzilate

CAS Number: 510-15-6

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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>	3 ± 0.3	4 ± 0.9	8 ± 0.3	7 ± 1.2	7 ± 1.2
3.3		3 ± 0.6			
10.0		5 ± 1.2			
33.0	Toxic	5 ± 0.9	8 ± 1.5	7 ± 0.3	4 ± 0.3
100.0	Toxic	4 ± 0.6	7 ± 0.3	6 ± 0.0	6 ± 0.7
333.0	3 ± 0.6	4 ± 0.9	5 ± 0.3	8 ± 0.9	5 ± 0.3
1000.0	Toxic		4 ± 0.6	9 ± 0.3	3 ± 0.3
3333.0	Toxic		3 ± 1.2 <sup>p</sup>	7 ± 0.7	3 ± 1.2 <sup>p</sup>
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			137 ± 14.5	59 ± 15.2	161 ± 17.0
Positive Control <sup>4</sup>	378 ± 88.7	256 ± 61.3			

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Strain: TA1537

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Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	7 ± 1.3
3.3	
10.0	
33.0	8 ± 1.2
100.0	5 ± 0.6
333.0	6 ± 0.6
1000.0	4 ± 0.3
3333.0	6 ± 1.3
Trial Summary	Negative
Positive Control <sup>2</sup>	78 ± 14.5
Positive Control <sup>4</sup>	

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Test Compound: Chlorobenzilate

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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>	13 ± 2.6	17 ± 3.5	21 ± 4.5	22 ± 2.6	15 ± 3.7
33.0	8 ± 0.9	13 ± 1.8	23 ± 1.5	23 ± 4.9	14 ± 2.4
100.0	9 ± 0.6	13 ± 0.9	19 ± 1.2	22 ± 1.2	15 ± 1.3
333.0	5 ± 0.6	Toxic	23 ± 3.0	24 ± 1.5	13 ± 0.9
1000.0	7 ± 2.2	Toxic	37 ± 2.2	23 ± 8.0	17 ± 1.8
3333.0	5 ± 1.9	Toxic	13 ± 0.9	18 ± 1.9	15 ± 0.7
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			1253 ± 99.8	2148 ± 51.7	892 ± 38.4
Positive Control <sup>5</sup>	221 ± 31.4	232 ± 34.4			



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Strain: TA98

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Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	23 ± 1.5
33.0	21 ± 2.3
100.0	21 ± 1.2
333.0	21 ± 5.2
1000.0	21 ± 2.4
3333.0	21 ± 1.2
Trial Summary	Negative
Positive Control <sup>2</sup>	1742 ± 290.4
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: Dimethyl Sulfoxide

2: 1.0 ug/Plate 2-Aminoanthracene

3: 3.3 ug/Plate Sodium Azide

4: 33.0 ug/Plate 9-Aminoacridine

5: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

p: Precipitate

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