

Experiment Number: 709688

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Chlorpropamide

CAS Number: 94-20-2

Date Report Requested: 09/12/2018

Time Report Requested: 13:20:06

**NTP Study Number:**

709688

**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 ± 13.0	89 ± 0.9	144 ± 8.5	134 ± 8.9	149 ± 15.3
100.0	91 ± 0.3	90 ± 9.7	156 ± 3.7	153 ± 9.9	148 ± 6.1
333.0	89 ± 0.5	79 ± 4.7	164 ± 6.0	135 ± 9.5	152 ± 7.0
1000.0	99 ± 0.9	78 ± 1.5	122 ± 3.7	128 ± 7.5	155 ± 6.2
3333.0	78 ± 0.7	70 ± 4.6	131 ± 5.0	113 ± 9.5	137 ± 8.1
10000.0	60 ± 2.0	52 ± 3.7	132 ± 10.2	97 ± 13.1	118 ± 4.4
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			649 ± 25.9	788 ± 23.1	2040 ± 112.8
Positive Control <sup>3</sup>	693 ± 61.8	497 ± 38.7			

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Strain: TA100

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Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	168 ± 11.3
100.0	147 ± 9.4
333.0	147 ± 12.0
1000.0	137 ± 20.6
3333.0	96 ± 7.5
10000.0	90 ± 2.4
Trial Summary	Negative
Positive Control <sup>2</sup>	2517 ± 118.4
Positive Control <sup>3</sup>	

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Test Compound: Chlorpropamide

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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>	6 ± 0.9	6 ± 2.0	7 ± 0.9	6 ± 0.6	7 ± 1.8
100.0	8 ± 0.3	3 ± 2.3	6 ± 0.3	4 ± 0.7	5 ± 0.6
333.0	5 ± 0.6	4 ± 0.7	5 ± 1.2	3 ± 0.7	7 ± 1.2
1000.0	6 ± 0.9	3 ± 1.7	7 ± 0.9	5 ± 0.6	3 ± 0.9
3333.0	1 ± 0.6	1 ± 0.6	3 ± 0.9	3 ± 0.3	2 ± 0.3
10000.0	2 ± 0.0	0 ± 0.0	4 ± 1.5	0 ± 0.0	3 ± 0.6
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			52 ± 9.2	36 ± 1.8	103 ± 12.2
Positive Control <sup>3</sup>	487 ± 16.0	196 ± 23.7			

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G06: Ames Summary Data  
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CAS Number: 94-20-2

Date Report Requested: 09/12/2018  
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Strain: TA1535

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Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	5 ± 1.2
100.0	4 ± 2.3
333.0	3 ± 0.9
1000.0	2 ± 0.3
3333.0	2 ± 0.6
10000.0	2 ± 0.3
Trial Summary	Negative
Positive Control <sup>2</sup>	99 ± 11.5
Positive Control <sup>3</sup>	

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## G06: Ames Summary Data

Test Compound: Chlorpropamide

CAS Number: 94-20-2

Date Report Requested: 09/12/2018

Time Report Requested: 13:20:06

## 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>	5 ± 0.6	5 ± 0.3	8 ± 1.5	9 ± 1.3	9 ± 1.5
100.0	4 ± 0.9	4 ± 0.3	8 ± 1.2	9 ± 0.3	3 ± 0.9
333.0	3 ± 0.9	4 ± 0.7	9 ± 0.6	10 ± 1.2	6 ± 0.3
1000.0	2 ± 0.9	3 ± 1.2	5 ± 0.3	6 ± 1.2	6 ± 0.3
3333.0	4 ± 0.6	4 ± 0.6	2 ± 0.0	5 ± 2.0	8 ± 1.2
10000.0	2 ± 0.0	2 ± 0.0	2 ± 0.7	2 ± 0.9	5 ± 1.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			51 ± 3.5	109 ± 5.9	302 ± 17.0
Positive Control <sup>4</sup>	361 ± 12.2	762 ± 18.7			

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Strain: TA1537

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Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	10 ± 1.0
100.0	4 ± 0.7
333.0	6 ± 0.6
1000.0	6 ± 0.7
3333.0	9 ± 0.3
10000.0	4 ± 1.2
Trial Summary	Negative
Positive Control <sup>2</sup>	837 ± 68.7
Positive Control <sup>4</sup>	

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## G06: Ames Summary Data

Test Compound: Chlorpropamide

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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>	18 ± 1.2	17 ± 0.7	22 ± 1.2	21 ± 3.0	25 ± 3.3
100.0	11 ± 1.2	16 ± 2.4	24 ± 0.6	22 ± 0.7	24 ± 2.2
333.0	23 ± 1.5	20 ± 2.8	26 ± 1.5	23 ± 3.2	24 ± 3.6
1000.0	16 ± 0.7	14 ± 1.5	20 ± 0.3	24 ± 2.5	20 ± 1.7
3333.0	24 ± 0.6	20 ± 2.1	25 ± 1.0	19 ± 2.3	20 ± 0.9
10000.0	13 ± 2.0	10 ± 3.5	20 ± 0.9	18 ± 1.5	10 ± 0.6
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			493 ± 14.2	421 ± 11.1	Toxic
Positive Control <sup>5</sup>	327 ± 18.5	346 ± 11.8			



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Strain: TA98

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Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	21 ± 4.3
100.0	19 ± 0.7
333.0	23 ± 2.1
1000.0	20 ± 1.3
3333.0	19 ± 1.5
10000.0	12 ± 2.0
Trial Summary	Negative
Positive Control <sup>2</sup>	2019 ± 141.5
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

\*\* END OF REPORT \*\*