

Experiment Number: 683918

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Ochratoxin A

CAS Number: 303-47-9

Date Report Requested: 09/12/2018

Time Report Requested: 07:30:19

**NTP Study Number:**

683918

**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>	107 ± 9.5	113 ± 6.7	89 ± 7.8	115 ± 14.2	86 ± 6.9
1.0	91 ± 1.0	102 ± 4.7	99 ± 8.7	117 ± 4.7	80 ± 4.9
3.3	90 ± 4.4	121 ± 5.8	93 ± 7.2	117 ± 5.5	95 ± 0.9
10.0	98 ± 4.6	104 ± 2.4	95 ± 5.0	131 ± 8.2	86 ± 2.0
33.0	85 ± 6.2	110 ± 6.4	84 ± 2.5	114 ± 3.2	91 ± 5.5
100.0	88 ± 6.1	113 ± 3.1	96 ± 5.5	116 ± 5.5	85 ± 5.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					1543 ± 67.0
Positive Control <sup>3</sup>			1681 ± 32.7		
Positive Control <sup>4</sup>				873 ± 11.3	
Positive Control <sup>5</sup>	1001 ± 29.6	569 ± 15.2			

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Strain: TA100

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Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control <sup>1</sup>	102 ± 9.8
1.0	105 ± 5.2
3.3	108 ± 2.9
10.0	110 ± 5.9
33.0	119 ± 8.5
100.0	103 ± 7.3
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	1150 ± 34.1
Positive Control <sup>5</sup>	

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## G06: Ames Summary Data

Test Compound: Ochratoxin A

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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>	32 ± 1.2	27 ± 0.9	10 ± 1.7	13 ± 2.8	9 ± 2.4
1.0	28 ± 2.0	25 ± 0.6	8 ± 0.9	11 ± 1.9	8 ± 2.2
3.3	28 ± 2.0	32 ± 2.1	9 ± 1.7	13 ± 2.5	8 ± 1.2
10.0	21 ± 3.2	29 ± 3.7	10 ± 1.5	13 ± 3.0	8 ± 0.9
33.0	26 ± 3.2	30 ± 1.9	7 ± 2.5	9 ± 2.3	9 ± 1.5
100.0	25 ± 0.3	36 ± 3.9	12 ± 0.3	9 ± 1.8	10 ± 0.6
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					186 ± 13.0
Positive Control <sup>3</sup>			198 ± 5.5		
Positive Control <sup>4</sup>				168 ± 4.6	
Positive Control <sup>5</sup>	1080 ± 31.5	757 ± 6.1			

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Strain: TA1535

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Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control <sup>1</sup>	13 ± 3.6
1.0	14 ± 3.5
3.3	11 ± 2.1
10.0	12 ± 1.2
33.0	12 ± 0.6
100.0	15 ± 2.1
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	204 ± 7.4
Positive Control <sup>5</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>	89 ± 1.5	114 ± 4.1	129 ± 6.5	120 ± 0.0	131 ± 9.7
1.0	92 ± 3.8	107 ± 9.2	113 ± 5.4	117 ± 9.3	125 ± 10.3
3.3	100 ± 7.0	111 ± 7.4	114 ± 5.9	124 ± 1.5	121 ± 4.8
10.0	92 ± 3.1	89 ± 8.0	125 ± 4.6	122 ± 11.4	115 ± 10.5
33.0	94 ± 8.7	111 ± 11.9	116 ± 8.1	149 ± 12.0	121 ± 4.0
100.0	90 ± 4.2	102 ± 2.3	115 ± 4.1	171 ± 5.7	131 ± 5.8
Trial Summary	Negative	Negative	Negative	Equivocal	Negative
Positive Control <sup>2</sup>					1156 ± 15.3
Positive Control <sup>3</sup>			1371 ± 22.8		
Positive Control <sup>4</sup>				655 ± 1.7	
Positive Control <sup>6</sup>	1161 ± 65.5	748 ± 11.2			

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Strain: TA97

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Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control <sup>1</sup>	156 ± 9.1
1.0	169 ± 7.1
3.3	161 ± 13.0
10.0	161 ± 2.9
33.0	182 ± 7.8
100.0	181 ± 11.9
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	928 ± 18.2
Positive Control <sup>6</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>	15 ± 4.2	16 ± 2.9	22 ± 1.0	34 ± 2.6	21 ± 3.9
1.0	12 ± 0.3	19 ± 3.8	22 ± 3.5	32 ± 4.6	26 ± 1.2
3.3	8 ± 1.7	19 ± 1.7	24 ± 2.6	27 ± 4.1	24 ± 2.6
10.0	12 ± 2.9	18 ± 2.1	22 ± 2.1	32 ± 3.8	26 ± 2.9
33.0	12 ± 0.3	13 ± 3.8	21 ± 1.5	34 ± 2.3	18 ± 0.3
100.0	12 ± 0.7	16 ± 4.3	21 ± 0.9	30 ± 2.2	20 ± 3.6
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>					1621 ± 96.9
Positive Control <sup>3</sup>			1791 ± 12.1		
Positive Control <sup>4</sup>				482 ± 21.1	
Positive Control <sup>7</sup>	1589 ± 106.7	1785 ± 51.7			



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Strain: TA98

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Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control <sup>1</sup>	31 ± 6.2
1.0	25 ± 4.1
3.3	36 ± 2.6
10.0	31 ± 0.3
33.0	26 ± 2.1
100.0	24 ± 3.2
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	994 ± 15.4
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: 0.75 ug/Plate 2-Aminoanthracene

3: 1.5 ug/Plate 2-Aminoanthracene

4: 2.0 ug/Plate 2-Aminoanthracene

5: 2.5 ug/Plate Sodium Azide

6: 4.0 ug/Plate 9-Aminoacridine

7: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine

\*\* END OF REPORT \*\*