

Experiment Number: 652865

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

**G06: Ames Summary Data**

Test Compound: **C.I. Pigment violet 1**

CAS Number: 1326-03-0

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

Time Report Requested: **05:53:00**

**NTP Study Number:**

652865

**Study Result:**

Negative

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## Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	121 ± 6.1	128 ± 1.5	101 ± 8.2	115 ± 7.2	116 ± 9.0
33.0	92 ± 4.1	116 ± 12.3	99 ± 3.5	108 ± 4.7	102 ± 4.2
100.0	111 ± 1.5	100 ± 12.5	93 ± 5.8	122 ± 9.0	110 ± 6.7
333.0	101 ± 2.3	100 ± 5.0	99 ± 12.5	101 ± 8.2	99 ± 7.9
1000.0	95 ± 1.5	97 ± 9.4	94 ± 5.5	95 ± 7.5	97 ± 2.6
3333.0	61 ± 7.7	60 ± 1.5	86 ± 6.2	79 ± 10.5	78 ± 2.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			372 ± 34.0	606 ± 14.9	1419 ± 37.9
Positive Control <sup>3</sup>	481 ± 24.7	531 ± 0.6			

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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>	110 ± 0.7
33.0	112 ± 5.8
100.0	122 ± 10.7
333.0	116 ± 0.6
1000.0	105 ± 6.9
3333.0	88 ± 5.9
Trial Summary	Negative
Positive Control <sup>2</sup>	1828 ± 104.6
Positive Control <sup>3</sup>	

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**Strain: TA1535**

<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>	20 ± 4.6	25 ± 2.2	11 ± 1.5	9 ± 1.9	7 ± 1.2
33.0	22 ± 7.4	24 ± 3.2	8 ± 2.8	8 ± 1.9	6 ± 0.3
100.0	22 ± 1.2	31 ± 2.9	6 ± 0.6	11 ± 3.3	6 ± 0.3
333.0	20 ± 2.0	25 ± 3.8	10 ± 2.9	9 ± 2.1	6 ± 1.3
1000.0	17 ± 1.9	16 ± 3.8	7 ± 1.2	7 ± 3.0	11 ± 1.8
3333.0	13 ± 2.4	15 ± 1.5	5 ± 1.9	10 ± 0.6	13 ± 1.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>3</sup>	358 ± 42.7	604 ± 10.2			
Positive Control <sup>4</sup>			157 ± 14.1	129 ± 5.6	496 ± 4.9

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**Strain: TA1535**

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<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	8 ± 2.0
33.0	11 ± 2.0
100.0	5 ± 0.6
333.0	6 ± 0.9
1000.0	7 ± 0.9
3333.0	10 ± 0.3
Trial Summary	Negative
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	407 ± 19.1

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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 ± 0.7	5 ± 1.2	5 ± 1.8	5 ± 1.2	6 ± 1.8
33.0	5 ± 1.2	6 ± 0.9	10 ± 0.0	8 ± 2.3	9 ± 0.9
100.0	7 ± 2.3	5 ± 0.7	8 ± 2.6	11 ± 1.5	5 ± 1.5
333.0	4 ± 0.7	4 ± 0.9	7 ± 1.3	5 ± 0.6	7 ± 1.5
1000.0	3 ± 1.0	6 ± 1.7	4 ± 0.3	6 ± 1.3	3 ± 0.6
3333.0	4 ± 0.3	4 ± 0.3	6 ± 1.2	4 ± 0.3	5 ± 0.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>4</sup>			152 ± 16.4	125 ± 0.7	320 ± 28.6
Positive Control <sup>5</sup>	177 ± 9.3	630 ± 83.2			

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**Strain: TA1537**

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<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	7 ± 1.2
33.0	8 ± 0.7
100.0	6 ± 1.5
333.0	7 ± 2.6
1000.0	7 ± 0.7
3333.0	6 ± 3.1
Trial Summary	Negative
Positive Control <sup>4</sup>	204 ± 34.3
Positive Control <sup>5</sup>	

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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 10% Rat S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	17 ± 1.5	17 ± 0.6	26 ± 3.7	25 ± 3.2	26 ± 2.9
33.0	16 ± 4.7	11 ± 2.0	35 ± 6.1	29 ± 7.8	32 ± 2.1
100.0	17 ± 1.7	15 ± 1.7	32 ± 3.8	29 ± 2.7	36 ± 1.8
333.0	17 ± 2.2	16 ± 0.9	34 ± 1.5	35 ± 1.3	36 ± 2.5
1000.0	12 ± 3.7	13 ± 1.7	14 ± 2.9	13 ± 2.3	14 ± 4.1
3333.0	12 ± 4.5	14 ± 1.2	14 ± 3.0	14 ± 0.9	9 ± 1.7
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			342 ± 1.0	378 ± 23.2	1244 ± 65.3
Positive Control <sup>6</sup>	510 ± 4.0	864 ± 41.2			

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**Strain: TA98**

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<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	24 ± 3.8
33.0	27 ± 1.5
100.0	30 ± 2.1
333.0	24 ± 2.0
1000.0	12 ± 1.3
3333.0	13 ± 0.9
Trial Summary	Negative
Positive Control <sup>2</sup>	1270 ± 51.2
Positive Control <sup>6</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: 1.0 ug/Plate Sodium Azide

4: 2.5 ug/Plate 2-Aminoanthracene

5: 50.0 ug/Plate 9-Aminoacridine

6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine

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