

Experiment Number: 897779

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: C.I. Vat yellow 4

CAS Number: 128-66-5

Date Report Requested: 09/16/2018

Time Report Requested: 22:38:59

**NTP Study Number:**

897779

**Study Result:**

Negative

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Strain: TA100		
Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control <sup>1</sup>	121 ± 7.7	135 ± 7.3
100.0	130 ± 11.6	135 ± 6.8
333.0	144 ± 8.1	129 ± 5.8
1000.0	146 ± 1.8	142 ± 8.5
3333.0	129 ± 9.1 <sup>P</sup>	138 ± 6.2 <sup>P</sup>
10000.0	147 ± 2.1 <sup>P</sup>	145 ± 1.2 <sup>P</sup>
Trial Summary	Negative	Negative
Positive Control <sup>2</sup>	2021 ± 54.0	467 ± 26.7

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Strain: TA1535

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Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control <sup>1</sup>	12 ± 1.9	16 ± 1.7
100.0	9 ± 2.5	13 ± 0.9
333.0	11 ± 1.5	13 ± 2.6
1000.0	15 ± 1.2	10 ± 1.2
3333.0	7 ± 1.0 <sup>P</sup>	10 ± 0.3 <sup>P</sup>
10000.0	7 ± 2.1 <sup>P</sup>	11 ± 2.8 <sup>P</sup>
Trial Summary	Negative	Negative
Positive Control <sup>2</sup>	68 ± 10.8	44 ± 3.4

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Strain: TA97

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Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control <sup>1</sup>	126 ± 3.3	106 ± 3.4
100.0	169 ± 18.3	101 ± 1.5
333.0	132 ± 15.0	97 ± 1.9
1000.0	145 ± 16.2	110 ± 3.2
3333.0	158 ± 4.2 <sup>p</sup>	116 ± 4.4 <sup>p</sup>
10000.0	158 ± 1.3 <sup>p</sup>	107 ± 4.3 <sup>p</sup>
Trial Summary	Equivocal	Negative
Positive Control <sup>2</sup>	698 ± 25.1	330 ± 27.5

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Strain: TA98

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Dose (ug/Plate)	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control <sup>1</sup>	25 ± 5.3	23 ± 1.8
100.0	23 ± 0.6	27 ± 2.0
333.0	24 ± 1.2	21 ± 2.2
1000.0	25 ± 1.2	31 ± 0.9
3333.0	24 ± 1.2 <sup>P</sup>	31 ± 1.7 <sup>P</sup>
10000.0	26 ± 1.5 <sup>P</sup>	31 ± 3.5 <sup>P</sup>
Trial Summary	Negative	Negative
Positive Control <sup>2</sup>	1039 ± 56.5	374 ± 15.3

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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: Water

2: 1.0 ug/Plate 2-Aminoanthracene

p: Precipitate

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