

Experiment Number: 568279

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: C.I. Direct green 1

CAS Number: 3626-28-6

Date Report Requested: 09/14/2018

Time Report Requested: 04:29:04

NTP Study Number:

568279

Study Result:

Positive

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G06: Ames Summary Data

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Strain: TA100

Dose (ug/Plate)	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	113 ± 1.9	104 ± 0.9
47.98	119 ± 2.5	105 ± 17.5
95.96	118 ± 7.9	104 ± 5.4
191.93	145 ± 4.7	145 ± 9.1
383.86	184 ± 5.2	162 ± 7.5
767.71	137 ± 3.1	133 ± 1.8
Trial Summary	Weakly Positive	Weakly Positive
Positive Control ²	193 ± 4.7	201 ± 15.4

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Strain: TA98

Dose (ug/Plate)	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	17 ± 1.5	31 ± 3.3	17 ± 1.7	33 ± 2.9
47.98	39 ± 7.1	48 ± 0.6	38 ± 2.3	49 ± 2.2
95.96	61 ± 4.5	52 ± 4.9	55 ± 1.7	59 ± 2.7
191.93	80 ± 7.2	73 ± 2.9	76 ± 2.6	76 ± 10.3
383.86	140 ± 3.2	109 ± 8.3	103 ± 5.0	99 ± 9.6
767.71	68 ± 10.2	72 ± 5.4	47 ± 6.1	61 ± 2.9
Trial Summary	Positive	Positive	Positive	Positive
Positive Control ²	169 ± 7.3	136 ± 8.7	108 ± 7.0	111 ± 12.9

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LEGEND

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: 240.0 ug/Plate Trypan Blue

**** END OF REPORT ****