

Experiment Number: 693646

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: C.I. Direct blue 1

CAS Number: 2610-05-1

Date Report Requested: 09/11/2018

Time Report Requested: 18:00:43

NTP Study Number: 693646

Study Result: Positive

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Strain: TA100		
Dose (ug/Plate)	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	104 ± 7.2	102 ± 10.2
15.51	116 ± 6.8	Toxic
31.02	113 ± 14.2	99 ± 2.0
62.05	116 ± 5.3	117 ± 11.0
124.1		115 ± 1.5
124.2	137 ± 8.4	
248.2	136 ± 2.7	120 ± 1.0
Trial Summary	Equivocal	Negative
Positive Control ²	199 ± 13.0	169 ± 7.0

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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 ³	18 ± 0.7		22 ± 2.4	
Vehicle Control ¹		20 ± 3.4		14 ± 1.0
15.51	45 ± 8.1	40 ± 1.7	24 ± 3.7	22 ± 2.1
31.02	82 ± 4.1	93 ± 5.4	35 ± 2.3	22 ± 2.9
62.05	87 ± 1.2	107 ± 4.2	35 ± 4.6	35 ± 3.5
124.1	84 ± 7.8	98 ± 0.6	44 ± 1.2	41 ± 0.9
248.2	97 ± 4.7	71 ± 5.5	50 ± 7.3	41 ± 2.6
Trial Summary	Positive	Positive	Positive	Positive
Positive Control ²	155 ± 5.0	116 ± 7.7	118 ± 4.9	104 ± 6.6

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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: Water

2: 240.0 ug/Plate Trypan Blue

3: Vehicle Control: Dimethyl Sulfoxide

**** END OF REPORT ****