

Experiment Number: 092634

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: C.I. Direct black 114

CAS Number: 61703-05-7

Date Report Requested: 09/11/2018

Time Report Requested: 07:12:27

NTP Study Number: 092634

Study Result: Positive

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Mutagenicity

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Strain: TA100

Dose (ug/Plate)	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	103 ± 5.3	93 ± 2.3
15.51	99 ± 5.7	93 ± 6.5
31.02	115 ± 7.6	90 ± 6.9
62.05	109 ± 19.0	99 ± 6.0
124.1	105 ± 5.3	97 ± 5.2
248.2	109 ± 0.0	110 ± 0.7
Trial Summary	Negative	Negative
Positive Control ²	196 ± 17.7	161 ± 2.1

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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 ± 1.9		22 ± 2.4	
Vehicle Control ¹		16 ± 2.3		15 ± 1.0
15.51	39 ± 1.2	26 ± 4.3	24 ± 1.2	24 ± 1.5
30.02				21 ± 0.0
31.02	46 ± 5.7	32 ± 1.5	23 ± 3.5	
62.05	83 ± 4.8	49 ± 5.0	31 ± 2.7	36 ± 0.5
124.1	135 ± 3.9	66 ± 4.3	40 ± 2.9	31 ± 2.6
248.2	192 ± 11.6	151 ± 3.3	52 ± 4.3	43 ± 1.9
Trial Summary	Positive	Positive	Positive	Positive
Positive Control ²	137 ± 4.2	114 ± 4.4	108 ± 5.2	91 ± 6.0

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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 ****