

Experiment Number: 957611

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

G06: Ames Summary Data

Test Compound: **C.I. Direct brown 2**

CAS Number: **2429-82-5**

Date Report Requested: **09/17/2018**

Time Report Requested: **17:46:23**

NTP Study Number:

957611

Study Result:

Positive

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Mutagenicity

G06: Ames Summary Data

Test Compound: C.I. Direct brown 2

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Strain: TA100

Dose (ug/Plate)	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	107 ± 2.5	106 ± 1.0
39.22	108 ± 5.8	121 ± 1.5
78.44	146 ± 6.4	141 ± 5.5
156.89	137 ± 6.8	135 ± 7.1
313.77	135 ± 2.3	160 ± 6.0
627.54	151 ± 7.5	119 ± 7.0
Trial Summary	Negative	Weakly Positive
Positive Control ²	199 ± 0.3	192 ± 5.2

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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	19 ± 2.1	30 ± 0.7	17 ± 2.6	31 ± 2.4
39.22	44 ± 2.1	43 ± 2.8	59 ± 8.6	48 ± 0.9
78.44	70 ± 5.4	57 ± 4.3	68 ± 1.9	68 ± 2.7
156.89	61 ± 2.2	66 ± 3.6	68 ± 4.4	90 ± 7.5
313.77	74 ± 4.9	68 ± 4.7	63 ± 5.5	104 ± 1.8
626.54	75 ± 1.8			
627.54		60 ± 4.3	37 ± 7.2	65 ± 6.4
Trial Summary	Positive	Positive	Positive	Positive
Positive Control ²	174 ± 1.5	136 ± 4.8	117 ± 8.3	108 ± 1.5

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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 ****