

Experiment Number: 239434

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

**G06: Ames Summary Data**

Test Compound: **C.I. Direct blue 53**

CAS Number: 314-13-6

Date Report Requested: **09/15/2018**

Time Report Requested: **04:54:09**

**NTP Study Number:** 239434

**Study Result:** Positive

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**Strain: TA98**

<b>Dose (ug/Plate)</b>	<b>With 10% Rat S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Hamster S9</b>	<b>With 10% Hamster S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	28 ± 1.2	22 ± 1.0	29 ± 2.0	16 ± 1.2	19 ± 0.9
30.02	50 ± 3.7	41 ± 5.4	44 ± 2.2	19 ± 1.2	23 ± 1.0
60.05	77 ± 5.5	61 ± 0.3	57 ± 5.0	19 ± 2.1	29 ± 0.9
120.1	96 ± 3.6	74 ± 2.7	69 ± 4.4	25 ± 1.2	40 ± 2.2
240.21	110 ± 2.9	86 ± 4.5	49 ± 2.6	28 ± 3.8	52 ± 6.0
480.41	51 ± 8.1	48 ± 4.0	38 ± 4.5	17 ± 1.5	20 ± 2.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	261 ± 22.5	273 ± 7.0	208 ± 13.9	22 ± 1.9	45 ± 3.5

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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: Dimethyl Sulfoxide

2: 240.0 ug/Plate Trypan Blue

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