

Experiment Number: 371333

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

**G06: Ames Summary Data**

Test Compound: **3,3'-Dimethylbenzidine**

CAS Number: **119-93-7**

Date Report Requested: **09/14/2018**

Time Report Requested: **02:33:40**

**NTP Study Number:**

371333

**Study Result:**

Positive

Experiment Number: 371333

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: 3,3'-Dimethylbenzidine  
CAS Number: 119-93-7

Date Report Requested: 09/14/2018

Time Report Requested: 02:33:40

**Strain: TA98**

Dose (ug/Plate)	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	27 ± 3.2	20 ± 1.3	24 ± 1.3	27 ± 1.9	20 ± 1.2
6.63	103 ± 5.5	131 ± 5.0	131 ± 10.0	77 ± 11.6	74 ± 1.5
13.25	158 ± 6.7	190 ± 3.4	169 ± 5.5	68 ± 11.5	65 ± 8.7
26.5	184 ± 5.6	223 ± 3.5	200 ± 11.1	75 ± 4.9	61 ± 7.0
53.0	255 ± 21.4	236 ± 12.3	252 ± 0.3	81 ± 6.4	77 ± 10.9
106.0	369 ± 23.9	261 ± 9.4	285 ± 3.0	90 ± 5.5	92 ± 8.7
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control <sup>2</sup>	204 ± 14.0	39 ± 1.2	279 ± 9.1	156 ± 3.3	26 ± 2.3

Experiment Number: 371333

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

**G06: Ames Summary Data**

Test Compound: **3,3'-Dimethylbenzidine**

CAS Number: 119-93-7

Date Report Requested: **09/14/2018**

Time Report Requested: **02:33:40**

---

**Strain: TA98**

---

<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	18 ± 0.7
6.63	54 ± 5.7
13.25	61 ± 2.0
26.5	61 ± 3.8
53.0	55 ± 2.5
106.0	65 ± 3.5
Trial Summary	Positive
Positive Control <sup>2</sup>	47 ± 1.5

Experiment Number: 371333

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

**G06: Ames Summary Data**

Test Compound: **3,3'-Dimethylbenzidine**

CAS Number: **119-93-7**

Date Report Requested: **09/14/2018**

Time Report Requested: **02:33:40**

**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 \*\***