

Experiment Number: 974757

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

**G06: Ames Summary Data**

Test Compound: **Piperonyl sulfoxide**

CAS Number: **120-62-7**

Date Report Requested: **09/18/2018**

Time Report Requested: **02:42:42**

**NTP Study Number:**

974757

**Study Result:**

Negative

Experiment Number: 974757

Test Type: Genetic Toxicology - Bacterial Mutagenicity

**G06: Ames Summary Data**

Test Compound: Piperonyl sulfoxide

CAS Number: 120-62-7

Date Report Requested: 09/18/2018

Time Report Requested: 02:42:42

---

**Strain: TA100**

---

<b>Dose (ug/Plate)</b>	<b>With 10% Mouse S9</b>	<b>With 10% Mouse S9</b>
Vehicle Control <sup>1</sup>	123 ± 3.2	85 ± 3.0
100.0	112 ± 7.2	91 ± 0.6
333.0	118 ± 10.1	83 ± 0.3
1000.0	93 ± 5.5	65 ± 5.5
3333.0	81 ± 15.9	78 ± 5.6 <sup>p</sup>
10000.0	100 ± 5.9 <sup>p</sup>	81 ± 8.2 <sup>p</sup>
Trial Summary	Negative	Negative
Positive Control <sup>2</sup>	597 ± 11.9	258 ± 13.0

Experiment Number: 974757

Test Type: Genetic Toxicology - Bacterial Mutagenicity

**G06: Ames Summary Data**

Test Compound: Piperonyl sulfoxide

CAS Number: 120-62-7

Date Report Requested: 09/18/2018

Time Report Requested: 02:42:42

---

**Strain: TA1535**

---

<b>Dose (ug/Plate)</b>	<b>With 10% Mouse S9</b>	<b>With 10% Mouse S9</b>
Vehicle Control <sup>1</sup>	10 ± 2.3	5 ± 0.9
100.0	11 ± 2.3	9 ± 1.5
333.0	8 ± 1.7	12 ± 1.5
1000.0	9 ± 1.5	9 ± 2.5
3333.0	6 ± 0.6	11 ± 1.9 <sup>p</sup>
10000.0	5 ± 0.6 <sup>p</sup>	9 ± 1.2 <sup>p</sup>
Trial Summary	Negative	Negative
Positive Control <sup>2</sup>	44 ± 7.8	38 ± 3.8

Experiment Number: 974757

Test Type: Genetic Toxicology - Bacterial Mutagenicity

**G06: Ames Summary Data**

Test Compound: Piperonyl sulfoxide

CAS Number: 120-62-7

Date Report Requested: 09/18/2018

Time Report Requested: 02:42:42

---

**Strain: TA97**

---

<b>Dose (ug/Plate)</b>	<b>With 10% Mouse S9</b>	<b>With 10% Mouse S9</b>
Vehicle Control <sup>1</sup>	119 ± 12.6	99 ± 5.7
100.0	104 ± 7.8	102 ± 10.2
333.0	83 ± 8.7	96 ± 6.4
1000.0	51 ± 3.4 <sup>s</sup>	65 ± 6.2 <sup>s</sup>
3333.0	45 ± 4.3 <sup>s</sup>	50 ± 0.3 <sup>s</sup>
10000.0	37 ± 7.8 <sup>s</sup>	45 ± 1.8 <sup>s</sup>
Trial Summary	Negative	Negative
Positive Control <sup>2</sup>	210 ± 8.9	212 ± 8.2

Experiment Number: 974757

Test Type: Genetic Toxicology - Bacterial Mutagenicity

**G06: Ames Summary Data**

Test Compound: Piperonyl sulfoxide

CAS Number: 120-62-7

Date Report Requested: 09/18/2018

Time Report Requested: 02:42:42

---

**Strain: TA98**

---

<b>Dose (ug/Plate)</b>	<b>With 10% Mouse S9</b>	<b>With 10% Mouse S9</b>
Vehicle Control <sup>1</sup>	18 ± 2.7	21 ± 3.7
100.0	18 ± 2.4	15 ± 1.2
333.0	16 ± 3.3	23 ± 1.7
1000.0	12 ± 0.6 <sup>s</sup>	18 ± 1.5 <sup>s</sup>
3333.0	12 ± 0.6 <sup>s</sup>	9 ± 2.4 <sup>s</sup>
10000.0	12 ± 0.6 <sup>s</sup>	8 ± 0.7 <sup>s</sup>
Trial Summary	Negative	Negative
Positive Control <sup>2</sup>	272 ± 3.2	169 ± 8.9

Experiment Number: 974757

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

**G06: Ames Summary Data**

Test Compound: **Piperonyl sulfoxide**

CAS Number: **120-62-7**

Date Report Requested: **09/18/2018**

Time Report Requested: **02:42:42**

**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: 1.0 ug/Plate 2-Aminoanthracene

p: Precipitate

s: Slight Toxicity

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