

Experiment Number: 667110

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: N-Acetyl-m-aminophenol

CAS Number: 621-42-1

Date Report Requested: 09/11/2018

Time Report Requested: 12:16:56

**NTP Study Number:**

667110

**Study Result:**

Negative

Experiment Number: 667110  
 Test Type: Genetic Toxicology - Bacterial  
 Mutagenicity

**G06: Ames Summary Data**  
 Test Compound: N-Acetyl-m-aminophenol  
 CAS Number: 621-42-1

Date Report Requested: 09/11/2018  
 Time Report Requested: 12:16:56

**Strain: TA100**

| Dose (ug/Plate)               | Without S9 | Without S9 | With 10% Rat S9 | With 30% Rat S9 | With 10% Hamster S9 |
|-------------------------------|------------|------------|-----------------|-----------------|---------------------|
| Vehicle Control <sup>1</sup>  | 75 ± 8.2   | 104 ± 2.0  | 74 ± 5.2        | 90 ± 6.4        | 80 ± 0.3            |
| 100.0                         | 76 ± 11.5  | 103 ± 4.4  | 81 ± 7.3        | 91 ± 8.9        | 70 ± 3.5            |
| 333.0                         | 82 ± 1.2   | 100 ± 1.9  | 69 ± 7.2        | 95 ± 11.7       | 68 ± 11.3           |
| 1000.0                        | 81 ± 1.7   | 86 ± 7.7   | 69 ± 5.0        | 108 ± 8.3       | 62 ± 2.7            |
| 3333.0                        | 78 ± 9.1   | 86 ± 2.2   | 73 ± 1.0        | 99 ± 6.1        | 68 ± 5.5            |
| 10000.0                       | 53 ± 1.2   | 71 ± 8.4   | 69 ± 3.0        | 83 ± 0.7        | 50 ± 5.5            |
| Trial Summary                 | Negative   | Negative   | Negative        | Negative        | Negative            |
| Positive Control <sup>2</sup> |            |            |                 |                 | 596 ± 18.4          |
| Positive Control <sup>3</sup> | 337 ± 33.8 | 423 ± 18.2 |                 |                 |                     |
| Positive Control <sup>4</sup> |            |            | 543 ± 13.6      |                 |                     |
| Positive Control <sup>5</sup> |            |            |                 |                 |                     |
| Positive Control <sup>6</sup> |            |            |                 | 416 ± 30.4      |                     |

Experiment Number: 667110  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**  
Test Compound: N-Acetyl-m-aminophenol  
CAS Number: 621-42-1

Date Report Requested: 09/11/2018  
Time Report Requested: 12:16:56

---

**Strain: TA100**

---

| <b>Dose (ug/Plate)</b>        | <b>With 30% Hamster S9</b> |
|-------------------------------|----------------------------|
| Vehicle Control <sup>1</sup>  | 117 ± 10.7                 |
| 100.0                         | 108 ± 5.8                  |
| 333.0                         | 93 ± 5.2                   |
| 1000.0                        | 95 ± 0.9                   |
| 3333.0                        | 104 ± 2.5                  |
| 10000.0                       | 75 ± 1.7                   |
| Trial Summary                 | Negative                   |
| Positive Control <sup>2</sup> |                            |
| Positive Control <sup>3</sup> |                            |
| Positive Control <sup>4</sup> |                            |
| Positive Control <sup>5</sup> | 316 ± 12.7                 |
| Positive Control <sup>6</sup> |                            |

Experiment Number: 667110

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: N-Acetyl-m-aminophenol

CAS Number: 621-42-1

Date Report Requested: 09/11/2018

Time Report Requested: 12:16:56

## Strain: TA1535

| Dose (ug/Plate)               | Without S9 | Without S9 | With 10% Rat S9 | With 30% Rat S9 | With 10% Hamster S9 |
|-------------------------------|------------|------------|-----------------|-----------------|---------------------|
| Vehicle Control <sup>1</sup>  | 14 ± 3.2   | 14 ± 1.7   | 8 ± 1.0         | 11 ± 0.9        | 8 ± 1.7             |
| 100.0                         | 14 ± 1.5   | 18 ± 2.0   | 6 ± 1.5         | 9 ± 1.8         | 7 ± 0.3             |
| 333.0                         | 15 ± 1.8   | 16 ± 1.2   | 8 ± 2.4         | 11 ± 2.3        | 7 ± 2.4             |
| 1000.0                        | 17 ± 1.5   | 18 ± 4.6   | 11 ± 0.6        | 11 ± 1.8        | 5 ± 1.5             |
| 3333.0                        | 19 ± 1.9   | 18 ± 2.3   | 8 ± 1.7         | 9 ± 2.0         | 8 ± 2.9             |
| 10000.0                       | 14 ± 2.5   | 22 ± 1.5   | 8 ± 2.0         | 7 ± 1.2         | 7 ± 2.3             |
| Trial Summary                 | Negative   | Negative   | Negative        | Negative        | Negative            |
| Positive Control <sup>2</sup> |            |            |                 |                 | 76 ± 4.7            |
| Positive Control <sup>3</sup> | 225 ± 8.7  | 189 ± 7.7  |                 |                 |                     |
| Positive Control <sup>5</sup> |            |            |                 |                 |                     |
| Positive Control <sup>6</sup> |            |            | 146 ± 6.7       | 87 ± 4.0        |                     |

Experiment Number: 667110  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**  
Test Compound: N-Acetyl-m-aminophenol  
CAS Number: 621-42-1

Date Report Requested: 09/11/2018  
Time Report Requested: 12:16:56

---

**Strain: TA1535**

---

| <b>Dose (ug/Plate)</b>        | <b>With 30% Hamster S9</b> |
|-------------------------------|----------------------------|
| Vehicle Control <sup>1</sup>  | 8 ± 1.0                    |
| 100.0                         | 8 ± 1.0                    |
| 333.0                         | 10 ± 2.6                   |
| 1000.0                        | 5 ± 1.0                    |
| 3333.0                        | 7 ± 0.3                    |
| 10000.0                       | 7 ± 2.6                    |
| Trial Summary                 | Negative                   |
| Positive Control <sup>2</sup> |                            |
| Positive Control <sup>3</sup> |                            |
| Positive Control <sup>5</sup> | 85 ± 5.8                   |
| Positive Control <sup>6</sup> |                            |

Experiment Number: 667110

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: N-Acetyl-m-aminophenol

CAS Number: 621-42-1

Date Report Requested: 09/11/2018

Time Report Requested: 12:16:56

## Strain: TA97

| Dose (ug/Plate)               | Without S9 | Without S9  | With 10% Rat S9 | With 30% Rat S9 | With 30% Rat S9 |
|-------------------------------|------------|-------------|-----------------|-----------------|-----------------|
| Vehicle Control <sup>1</sup>  | 79 ± 8.1   | 98 ± 4.5    | 83 ± 7.8        | 189 ± 3.2       | 185 ± 6.4       |
| 100.0                         | 82 ± 6.2   | 93 ± 9.4    | 95 ± 8.3        | 189 ± 5.5       | 188 ± 4.3       |
| 333.0                         | 89 ± 8.5   | 76 ± 4.4    | 93 ± 6.1        | 200 ± 8.7       | 173 ± 11.3      |
| 1000.0                        | 94 ± 2.9   | 80 ± 3.8    | 68 ± 4.7        | 185 ± 14.1      | 168 ± 7.7       |
| 3333.0                        | 81 ± 5.0   | 77 ± 6.0    | 44 ± 1.5        | 233 ± 17.0      | 179 ± 7.9       |
| 10000.0                       | 50 ± 2.7   | 73 ± 4.9    | 31 ± 0.6        | 114 ± 6.8       | 99 ± 9.6        |
| Trial Summary                 | Negative   | Negative    | Negative        | Negative        | Negative        |
| Positive Control <sup>4</sup> |            |             |                 |                 |                 |
| Positive Control <sup>6</sup> |            |             | 665 ± 50.7      |                 |                 |
| Positive Control <sup>7</sup> |            |             |                 | 370 ± 53.3      | 413 ± 9.3       |
| Positive Control <sup>8</sup> |            |             |                 |                 |                 |
| Positive Control <sup>9</sup> | 803 ± 66.2 | 2408 ± 40.3 |                 |                 |                 |

Experiment Number: 667110  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: N-Acetyl-m-aminophenol  
CAS Number: 621-42-1

Date Report Requested: 09/11/2018  
Time Report Requested: 12:16:56

---

Strain: TA97

---

| Dose (ug/Plate)               | With 10% Hamster S9 | With 30% Hamster S9 |
|-------------------------------|---------------------|---------------------|
| Vehicle Control <sup>1</sup>  | 72 ± 4.0            | 240 ± 9.2           |
| 100.0                         | 89 ± 4.0            | 226 ± 6.7           |
| 333.0                         | 64 ± 9.9            | 185 ± 9.5           |
| 1000.0                        | 63 ± 6.0            | 188 ± 7.9           |
| 3333.0                        | 34 ± 8.1            | 204 ± 5.8           |
| 10000.0                       | 35 ± 2.2            | 129 ± 6.6           |
| Trial Summary                 | Negative            | Negative            |
| Positive Control <sup>4</sup> | 777 ± 37.6          |                     |
| Positive Control <sup>6</sup> |                     |                     |
| Positive Control <sup>7</sup> |                     | 808 ± 53.7          |
| Positive Control <sup>8</sup> |                     |                     |
| Positive Control <sup>9</sup> |                     |                     |

Experiment Number: 667110  
 Test Type: Genetic Toxicology - Bacterial  
 Mutagenicity

**G06: Ames Summary Data**  
 Test Compound: N-Acetyl-m-aminophenol  
 CAS Number: 621-42-1

Date Report Requested: 09/11/2018  
 Time Report Requested: 12:16:56

**Strain: TA98**

| Dose (ug/Plate)                | Without S9 | Without S9 | With 10% Rat S9 | With 30% Rat S9 | With 10% Hamster S9 |
|--------------------------------|------------|------------|-----------------|-----------------|---------------------|
| Vehicle Control <sup>1</sup>   | 16 ± 0.7   | 13 ± 1.0   | 23 ± 1.9        | 23 ± 1.2        | 24 ± 1.9            |
| 100.0                          | 15 ± 2.0   | 17 ± 1.5   | 26 ± 1.5        | 21 ± 1.2        | 27 ± 4.0            |
| 333.0                          | 16 ± 3.1   | 14 ± 0.9   | 22 ± 3.3        | 22 ± 1.8        | 25 ± 4.1            |
| 1000.0                         | 10 ± 3.0   | 12 ± 3.4   | 20 ± 1.5        | 22 ± 2.1        | 23 ± 3.8            |
| 3333.0                         | 12 ± 2.6   | 19 ± 0.3   | 21 ± 3.4        | 21 ± 0.3        | 24 ± 1.3            |
| 10000.0                        | 13 ± 1.8   | 12 ± 1.5   | 16 ± 1.2        | 22 ± 3.3        | 23 ± 2.4            |
| Trial Summary                  | Negative   | Negative   | Negative        | Negative        | Negative            |
| Positive Control <sup>10</sup> |            |            |                 |                 | 135 ± 2.8           |
| Positive Control <sup>2</sup>  |            |            | 287 ± 11.8      |                 |                     |
| Positive Control <sup>11</sup> | 132 ± 11.6 | 122 ± 3.8  |                 |                 |                     |
| Positive Control <sup>5</sup>  |            |            |                 | 121 ± 3.8       |                     |

Experiment Number: 667110  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**  
Test Compound: N-Acetyl-m-aminophenol  
CAS Number: 621-42-1

Date Report Requested: 09/11/2018  
Time Report Requested: 12:16:56

---

**Strain: TA98**

---

| <b>Dose (ug/Plate)</b>         | <b>With 30% Hamster S9</b> |
|--------------------------------|----------------------------|
| Vehicle Control <sup>1</sup>   | 24 ± 0.9                   |
| 100.0                          | 30 ± 4.1                   |
| 333.0                          | 23 ± 3.5                   |
| 1000.0                         | 25 ± 2.0                   |
| 3333.0                         | 21 ± 2.3                   |
| 10000.0                        | 22 ± 0.9                   |
| Trial Summary                  | Negative                   |
| Positive Control <sup>10</sup> |                            |
| Positive Control <sup>2</sup>  | 112 ± 11.0                 |
| Positive Control <sup>11</sup> |                            |
| Positive Control <sup>5</sup>  |                            |

Experiment Number: 667110

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

**G06: Ames Summary Data**

Test Compound: **N-Acetyl-m-aminophenol**

CAS Number: 621-42-1

Date Report Requested: 09/11/2018

Time Report Requested: 12:16:56

**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: 0.4 ug/Plate 2-Aminoanthracene

3: 0.5 ug/Plate Sodium Azide

4: 0.75 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate 2-Aminoanthracene

6: 2.0 ug/Plate 2-Aminoanthracene

7: 2.5 ug/Plate 2-Aminoanthracene

8: 3.5 ug/Plate 9-Aminoacridine

9: 4.0 ug/Plate 9-Aminoacridine

10: 0.2 ug/Plate 2-Aminoanthracene

11: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

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