

Experiment Number: A95988

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Formamide

CAS Number: 75-12-7

Date Report Requested: 09/15/2018

Time Report Requested: 16:51:26

**NTP Study Number:**

A95988

**Study Result:**

Negative

Experiment Number: A95988  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: Formamide  
CAS Number: 75-12-7

Date Report Requested: 09/15/2018  
Time Report Requested: 16:51:26

---

**Strain: TA100**

---

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>	60 ± 6.1	85 ± 3.3	83 ± 5.7	92 ± 8.7
1500.0	69 ± 6.4	84 ± 2.6	78 ± 4.9	84 ± 2.0
3500.0	67 ± 5.6	88 ± 2.3	83 ± 4.1	109 ± 8.9
5000.0	83 ± 4.5	82 ± 9.0	84 ± 5.6	89 ± 1.7
7500.0	70 ± 2.6	76 ± 7.2	78 ± 8.4	85 ± 5.8
10000.0	83 ± 3.8	81 ± 4.7	76 ± 8.1	85 ± 4.4
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	557 ± 8.1	659 ± 28.9		
Positive Control <sup>3</sup>			1101 ± 49.2	1213 ± 40.3

Experiment Number: A95988

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Formamide

CAS Number: 75-12-7

Date Report Requested: 09/15/2018

Time Report Requested: 16:51:26

## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	13 ± 0.9	21 ± 2.4	22 ± 3.2	32 ± 2.0	32 ± 3.5
1500.0	17 ± 2.1	20 ± 2.2	24 ± 0.9	37 ± 4.2	26 ± 1.2
3500.0	22 ± 0.3	24 ± 4.0	24 ± 1.5	37 ± 0.7	32 ± 1.5
5000.0	25 ± 1.5	20 ± 1.5	20 ± 0.9	32 ± 2.4	35 ± 3.5
7500.0	19 ± 3.7	21 ± 0.6	17 ± 1.2	35 ± 1.0	30 ± 3.2
10000.0	21 ± 3.1	22 ± 0.6	18 ± 2.0	38 ± 0.9	32 ± 3.4
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>3</sup>				1416 ± 41.9	1484 ± 86.2
Positive Control <sup>4</sup>	514 ± 12.7	804 ± 26.3	654 ± 17.4		

Experiment Number: A95988

**G06: Ames Summary Data**

Date Report Requested: 09/15/2018

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

Time Report Requested: 16:51:26

CAS Number: 75-12-7

**Strain: E. coli WP2 uvrA pKM101**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>Without S9</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>	232 ± 20.7	242 ± 5.0	203 ± 11.7	254 ± 15.9	244 ± 14.5
750.0	255 ± 11.3			313 ± 11.6	
1000.0	277 ± 1.8			313 ± 19.5	
1500.0	230 ± 4.1	255 ± 15.6	239 ± 7.9	265 ± 13.1	251 ± 17.0
3500.0	234 ± 5.3	281 ± 8.7	239 ± 23.1	273 ± 4.7	268 ± 17.8
5000.0	241 ± 3.0	232 ± 9.9	220 ± 14.1	259 ± 24.2	282 ± 19.3
7500.0		246 ± 20.7	227 ± 2.3		304 ± 11.2
10000.0		245 ± 14.0	208 ± 18.7		372 ± 7.6
Trial Summary	Negative	Negative	Negative	Negative	Equivocal
Positive Control <sup>5</sup>				1046 ± 74.5	1262 ± 35.0
Positive Control <sup>6</sup>	1913 ± 40.1	2071 ± 44.6	1955 ± 17.9		

Experiment Number: A95988

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data

Test Compound: Formamide

CAS Number: 75-12-7

Date Report Requested: 09/15/2018

Time Report Requested: 16:51:26

Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	245 ± 11.5	260 ± 20.3
750.0		
1000.0		
1500.0	275 ± 6.5	264 ± 18.5
3500.0	280 ± 6.6	286 ± 8.6
5000.0	246 ± 26.3	268 ± 9.0
7500.0	274 ± 2.7	287 ± 3.0
10000.0	219 ± 6.7	283 ± 12.2
Trial Summary	Negative	Negative
Positive Control <sup>5</sup>	1164 ± 25.3	823 ± 43.0
Positive Control <sup>6</sup>		

Experiment Number: A95988  
Test Type: **Genetic Toxicology - Bacterial  
Mutagenicity**

**G06: Ames Summary Data**  
Test Compound: **Formamide**  
CAS Number: **75-12-7**

Date Report Requested: **09/15/2018**  
Time Report Requested: **16:51:26**

#### **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: Water

2: 1.0 ug/Plate Sodium Azide

3: 2.5 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate 2-Nitrofluorene

5: 20.0 ug/Plate 2-Aminoanthracene

6: 4000.0 ug/Plate Methyl Methane Sulfonate

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