

Experiment Number: **G08030**

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

G06: Ames Summary Data

Test Compound: **3-Ethylaniline**

CAS Number: **587-02-0**

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

Time Report Requested: **22:36:15**

NTP Study Number:

G08030

Study Result:

Negative

Experiment Number: **G08030**
Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data
Test Compound: **3-Ethylaniline**
CAS Number: **587-02-0**

Date Report Requested: **09/15/2018**
Time Report Requested: **22:36:15**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	98 ± 9.6	101 ± 1.7	96 ± 1.0	99 ± 5.2
50.0		106 ± 5.7		107 ± 4.5
125.0	101 ± 8.1	88 ± 4.2	103 ± 6.0	104 ± 6.2
250.0	82 ± 7.4	105 ± 8.4	89 ± 10.8	98 ± 9.0
500.0	90 ± 4.4	113 ± 8.5	93 ± 13.0	93 ± 11.5
1500.0	59 ± 3.0 ^s	67 ± 3.8	78 ± 3.2	85 ± 2.7
3000.0	Toxic	Toxic	Toxic	Toxic
6000.0	Toxic		Toxic	
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²	627 ± 11.3	611 ± 23.4		
Positive Control ³			2717 ± 35.3	1761 ± 10.6

Experiment Number: **G08030**
 Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data
 Test Compound: **3-Ethylaniline**
 CAS Number: **587-02-0**

Date Report Requested: **09/15/2018**
 Time Report Requested: **22:36:15**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	20 ± 4.9	18 ± 4.9	26 ± 1.7	23 ± 1.5
50.0		16 ± 2.5		27 ± 3.2
125.0	18 ± 3.9	16 ± 3.0	28 ± 2.7	30 ± 5.0
250.0	15 ± 0.3	18 ± 1.2	22 ± 4.0	27 ± 1.0
500.0	14 ± 3.2	18 ± 0.7	25 ± 3.3	31 ± 3.4
1500.0	10 ± 2.6	14 ± 1.7	23 ± 3.8	26 ± 3.2
3000.0	Toxic	Toxic	10 ± 0.5 ^s	18 ± 3.1 ^s
6000.0	6 ± 5.0		Toxic	
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁴			1102 ± 70.5	956 ± 16.2
Positive Control ⁵	469 ± 38.4	444 ± 16.5		

Experiment Number: **G08030**
Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data
Test Compound: **3-Ethylaniline**
CAS Number: **587-02-0**

Date Report Requested: **09/15/2018**
Time Report Requested: **22:36:15**

Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	158 ± 2.1	191 ± 12.8	198 ± 5.5	154 ± 12.3
50.0		201 ± 8.7		143 ± 11.5
125.0	157 ± 7.1	193 ± 6.7	165 ± 10.2	157 ± 9.9
250.0	162 ± 10.4	187 ± 4.6	176 ± 4.4	161 ± 7.3
500.0	141 ± 9.5	190 ± 9.2	175 ± 9.5	149 ± 8.4
1500.0	142 ± 2.0	155 ± 26.9	143 ± 5.4	143 ± 17.3
3000.0	Toxic	Toxic	25 ± 15.0 ^s	114 ± 5.0 ^s
6000.0	Toxic		Toxic	
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁶			1145 ± 22.5	1373 ± 49.0
Positive Control ⁷	308 ± 7.8	928 ± 15.2		

Experiment Number: **G08030**
Test Type: **Genetic Toxicology - Bacterial
Mutagenicity**

G06: Ames Summary Data
Test Compound: **3-Ethylaniline**
CAS Number: **587-02-0**

Date Report Requested: **09/15/2018**
Time Report Requested: **22:36:15**

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 Sodium Azide
- 3: 2.5 ug/Plate 2-Aminoanthracene
- 4: 1.0 ug/Plate 2-Aminoanthracene
- 5: 3.0 ug/Plate 2-Nitrofluorene
- 6: 20.0 ug/Plate 2-Aminoanthracene
- 7: 100.0 ug/Plate Methyl Methane Sulfonate
- s: Slight Toxicity

**** END OF REPORT ****