

Experiment Number: **A84916**

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

**G06: Ames Summary Data**

Test Compound: **Ethyl propionate**

CAS Number: **105-37-3**

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

Time Report Requested: **04:15:30**

**NTP Study Number:**

A84916

**Study Result:**

Negative

Experiment Number: A84916

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Ethyl propionate

CAS Number: 105-37-3

Date Report Requested: 09/18/2018

Time Report Requested: 04:15:30

**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>	70 ± 3.2	69 ± 4.1	81 ± 5.8	73 ± 6.2
1000.0	63 ± 2.6	55 ± 1.2	62 ± 6.0	70 ± 4.6
2500.0	73 ± 7.3	55 ± 2.2	74 ± 5.2	70 ± 1.0
5000.0	69 ± 1.3	61 ± 2.7	67 ± 4.4	76 ± 7.2
7500.0	70 ± 4.2	61 ± 4.1	80 ± 5.8	65 ± 1.5
10000.0	77 ± 5.2	51 ± 6.1	63 ± 3.8	63 ± 5.6
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	321 ± 51.2	215 ± 3.7		
Positive Control <sup>3</sup>			1105 ± 62.6	854 ± 24.8

Experiment Number: A84916

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Ethyl propionate

CAS Number: 105-37-3

Date Report Requested: 09/18/2018

Time Report Requested: 04:15:30

**Strain: TA98**

<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>	21 ± 2.4	20 ± 4.1	30 ± 2.4	34 ± 1.2
1000.0	24 ± 3.0	25 ± 3.6	29 ± 1.5	35 ± 3.9
2500.0	17 ± 3.1	17 ± 3.7	30 ± 1.9	38 ± 5.2
5000.0	24 ± 0.9	21 ± 3.5	31 ± 1.0	30 ± 3.1
7500.0	18 ± 1.8	21 ± 2.9	36 ± 4.6	34 ± 3.5
10000.0	27 ± 3.5	19 ± 2.3	27 ± 2.7	27 ± 2.4
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>3</sup>			928 ± 47.6	1426 ± 81.6
Positive Control <sup>4</sup>	519 ± 5.2	379 ± 19.9		

Experiment Number: A84916  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: Ethyl propionate  
CAS Number: 105-37-3

Date Report Requested: 09/18/2018  
Time Report Requested: 04:15:30

Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	140 ± 17.9	164 ± 39.6	171 ± 13.3	189 ± 14.7
1000.0	135 ± 9.3	151 ± 1.3	174 ± 12.1	211 ± 9.9
2500.0	166 ± 10.4	143 ± 7.9	158 ± 7.8	201 ± 5.7
5000.0	119 ± 1.9	128 ± 14.3	129 ± 3.8	218 ± 26.4
7500.0	116 ± 9.5	131 ± 2.4	123 ± 4.4	179 ± 2.6
10000.0	88 ± 9.8	96 ± 12.0	93 ± 5.4	174 ± 10.3
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>5</sup>			1186 ± 14.9	812 ± 27.5
Positive Control <sup>6</sup>	1838 ± 93.2	1112 ± 51.7		

Experiment Number: A84916

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

**G06: Ames Summary Data**

Test Compound: **Ethyl propionate**

CAS Number: **105-37-3**

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

Time Report Requested: **04:15:30**

### **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: 5.0 ug/Plate 2-Nitrofluorene

5: 20.0 ug/Plate 2-Aminoanthracene

6: 4000.0 ug/Plate Methyl Methane Sulfonate

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