

Experiment Number: 155882

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

**G06: Ames Summary Data**

Test Compound: **N-Methylolacrylamide**

CAS Number: **924-42-5**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:57:33**

**NTP Study Number:**

155882

**Study Result:**

Negative

Experiment Number: 155882

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: N-Methylolacrylamide

CAS Number: 924-42-5

Date Report Requested: 09/12/2018

Time Report Requested: 20:57:33

## 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>	134 ± 8.2	120 ± 14.3	139 ± 5.2	111 ± 11.5	140 ± 7.2
100.0	129 ± 3.2	141 ± 0.7	133 ± 14.4	132 ± 17.6	129 ± 11.0
333.0	133 ± 8.2	107 ± 4.7	143 ± 7.7	141 ± 4.9	153 ± 9.4
1000.0	144 ± 4.8	99 ± 14.6	145 ± 9.3	140 ± 9.3	138 ± 8.0
3333.0	143 ± 3.9	120 ± 6.1	133 ± 3.5	129 ± 3.4	134 ± 11.6
10000.0	147 ± 2.7	83 ± 9.2	138 ± 11.2	152 ± 6.4	162 ± 3.5
Trial Summary	Negative	Negative	Negative	Equivocal	Negative
Positive Control <sup>2</sup>	791 ± 116.5	455 ± 9.3			
Positive Control <sup>3</sup>			508 ± 21.6	338 ± 13.3	2033 ± 59.0

Experiment Number: 155882

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

**G06: Ames Summary Data**

Test Compound: **N-Methylolacrylamide**

CAS Number: **924-42-5**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:57:33**

---

**Strain: TA100**

---

<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	140 ± 3.5
100.0	140 ± 9.6
333.0	115 ± 6.4
1000.0	145 ± 6.8
3333.0	141 ± 5.2
10000.0	151 ± 15.8
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>3</sup>	459 ± 27.0

Experiment Number: 155882

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity**G06: Ames Summary Data**

Test Compound: N-Methylolacrylamide

CAS Number: 924-42-5

Date Report Requested: 09/12/2018

Time Report Requested: 20:57:33

**Strain: TA1535**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 30% Rat S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	19 ± 1.9	17 ± 2.9	9 ± 1.2	7 ± 0.6	10 ± 0.7
100.0	19 ± 1.3	19 ± 5.2	9 ± 0.3	15 ± 2.6	10 ± 0.7
333.0	18 ± 1.0	20 ± 4.4	8 ± 1.8	12 ± 1.9	11 ± 2.3
1000.0	18 ± 3.5	14 ± 2.3	11 ± 2.0	12 ± 2.3	8 ± 0.9
3333.0	19 ± 0.7	15 ± 4.9	10 ± 1.7	10 ± 1.0	8 ± 2.1
10000.0	9 ± 0.9	9 ± 5.5	9 ± 1.2	11 ± 0.9	8 ± 0.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	519 ± 13.4	391 ± 27.1			
Positive Control <sup>4</sup>			195 ± 0.6	189 ± 10.5	403 ± 46.4

Experiment Number: 155882

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

**G06: Ames Summary Data**

Test Compound: **N-Methylolacrylamide**

CAS Number: **924-42-5**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:57:33**

---

**Strain: TA1535**

---

<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	11 ± 0.6
100.0	7 ± 1.2
333.0	10 ± 0.3
1000.0	10 ± 0.6
3333.0	13 ± 2.4
10000.0	14 ± 6.0
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>4</sup>	383 ± 25.1

Experiment Number: 155882

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: N-Methylolacrylamide

CAS Number: 924-42-5

Date Report Requested: 09/12/2018

Time Report Requested: 20:57:33

## Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	100 ± 4.3	147 ± 8.7	142 ± 3.0	197 ± 4.0	112 ± 1.2
33.0		155 ± 9.0			
100.0	90 ± 5.1	151 ± 4.3	155 ± 20.3	200 ± 3.2	97 ± 6.6
333.0	84 ± 4.2	157 ± 4.6	153 ± 4.4	196 ± 3.5	96 ± 2.6
1000.0	81 ± 6.6	164 ± 14.0	155 ± 12.3	195 ± 3.1	95 ± 1.2
3333.0	70 ± 3.9	157 ± 6.7	164 ± 5.9	194 ± 4.4	90 ± 7.5
10000.0	1 ± 0.9		158 ± 17.6	196 ± 2.1	36 ± 16.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>4</sup>			959 ± 48.4	596 ± 12.7	1771 ± 39.6
Positive Control <sup>5</sup>	1717 ± 106.6	901 ± 40.4			

Experiment Number: 155882

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

**G06: Ames Summary Data**

Test Compound: **N-Methylolacrylamide**

CAS Number: **924-42-5**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:57:33**

---

**Strain: TA97**

---

<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	133 ± 10.1	181 ± 4.5
33.0	139 ± 11.6	173 ± 15.6
100.0	146 ± 4.9	169 ± 10.7
333.0	143 ± 4.1	163 ± 4.7
1000.0	145 ± 3.0	182 ± 6.7
3333.0	159 ± 8.8	186 ± 5.9
10000.0		
Trial Summary	Negative	Negative
Positive Control <sup>4</sup>	1682 ± 19.4	1011 ± 61.6
Positive Control <sup>5</sup>		

Experiment Number: 155882

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: N-Methylolacrylamide

CAS Number: 924-42-5

Date Report Requested: 09/12/2018

Time Report Requested: 20:57:33

## 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>	15 ± 0.3	17 ± 1.8	25 ± 1.7	18 ± 2.7	32 ± 2.0
100.0	17 ± 0.3	24 ± 2.9	29 ± 2.6	21 ± 3.1	28 ± 2.3
333.0	18 ± 1.5	16 ± 2.3	29 ± 0.9	25 ± 0.3	31 ± 4.1
1000.0	13 ± 1.5	22 ± 6.2	23 ± 2.1	20 ± 2.7	29 ± 0.0
3333.0	19 ± 3.1	14 ± 3.8	24 ± 1.9	22 ± 4.8	28 ± 6.8
10000.0	12 ± 2.9	8 ± 0.5	22 ± 1.3	23 ± 9.5	24 ± 7.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>3</sup>			254 ± 25.5	157 ± 6.6	1218 ± 172.0
Positive Control <sup>6</sup>	1731 ± 50.2	1894 ± 105.9			



Experiment Number: 155882

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

**G06: Ames Summary Data**

Test Compound: **N-Methylolacrylamide**

CAS Number: **924-42-5**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:57:33**

---

**Strain: TA98**

---

<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	29 ± 2.9
100.0	34 ± 1.2
333.0	29 ± 1.2
1000.0	39 ± 1.5
3333.0	30 ± 6.4
10000.0	32 ± 1.2
Trial Summary	Negative
Positive Control <sup>3</sup>	236 ± 18.5
Positive Control <sup>6</sup>	

Experiment Number: 155882

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

**G06: Ames Summary Data**

Test Compound: **N-Methylolacrylamide**

CAS Number: **924-42-5**

Date Report Requested: **09/12/2018**

Time Report Requested: **20:57:33**

**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: 1.0 ug/Plate 2-Aminoanthracene

4: 2.5 ug/Plate 2-Aminoanthracene

5: 50.0 ug/Plate 9-Aminoacridine

6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine

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