

Experiment Number: 806665

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Methyl 2-chloroacrylate

CAS Number: 80-63-7

Date Report Requested: 09/15/2018

Time Report Requested: 09:26:30

**NTP Study Number:**

806665

**Study Result:**

Positive

Experiment Number: 806665

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Methyl 2-chloroacrylate  
CAS Number: 80-63-7

Date Report Requested: 09/15/2018

Time Report Requested: 09:26:30

## Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	116 ± 4.4	141 ± 6.1	163 ± 11.3	174 ± 9.2	148 ± 8.0
0.1		166 ± 16.2			
0.3	167 ± 6.7	189 ± 7.0			
1.0	248 ± 13.9	281 ± 12.0			
3.0	429 ± 24.8	583 ± 21.6		191 ± 9.7	
6.0	690 ± 52.9	976 ± 31.5			
10.0	818 ± 35.4		204 ± 6.5	198 ± 3.7	171 ± 10.8
33.0			290 ± 10.3	342 ± 6.9	265 ± 5.6
100.0			563 ± 18.7	557 ± 24.4	485 ± 2.8
333.0			906 ± 43.3	956 ± 24.0	974 ± 37.9
1000.0			1102 ± 36.8		1150 ± 83.0
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control <sup>2</sup>					643 ± 32.2
Positive Control <sup>3</sup>			474 ± 13.3	445 ± 19.2	
Positive Control <sup>4</sup>	459 ± 39.7	722 ± 28.5			

Experiment Number: 806665

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Methyl 2-chloroacrylate

CAS Number: 80-63-7

Date Report Requested: 09/15/2018

Time Report Requested: 09:26:30

---

**Strain: TA100**

---

<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	174 ± 7.5
0.1	
0.3	
1.0	
3.0	179 ± 6.5
6.0	
10.0	203 ± 9.3
33.0	288 ± 12.7
100.0	486 ± 11.1
333.0	853 ± 115.0
1000.0	
Trial Summary	Positive
Positive Control <sup>2</sup>	607 ± 19.5
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	

Experiment Number: 806665

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Methyl 2-chloroacrylate

CAS Number: 80-63-7

Date Report Requested: 09/15/2018

Time Report Requested: 09:26:30

## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	27 ± 3.0	21 ± 0.9	18 ± 3.5	29 ± 2.0	21 ± 2.0
0.1		35 ± 2.7			
0.3	26 ± 4.9	36 ± 2.7			
1.0	38 ± 7.2	46 ± 9.8			
3.0	76 ± 6.4	69 ± 8.4		35 ± 3.4	
6.0	122 ± 9.3	106 ± 4.7			
10.0	119 ± 11.9		28 ± 3.3	32 ± 4.3	22 ± 4.5
33.0			32 ± 1.5	30 ± 1.9	32 ± 2.5
100.0			54 ± 8.0	48 ± 7.0	43 ± 2.7
333.0			76 ± 8.1	62 ± 4.3	69 ± 7.9
1000.0			61 ± 8.0		90 ± 11.6
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control <sup>2</sup>			121 ± 17.8	104 ± 3.0	456 ± 21.6
Positive Control <sup>5</sup>	785 ± 11.6	1127 ± 48.2			

Experiment Number: 806665

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Methyl 2-chloroacrylate  
CAS Number: 80-63-7

Date Report Requested: 09/15/2018

Time Report Requested: 09:26:30

---

**Strain: TA98**

---

<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	36 ± 3.2
0.1	
0.3	
1.0	
3.0	
6.0	
10.0	31 ± 1.5
33.0	35 ± 1.2
100.0	47 ± 5.9
333.0	89 ± 0.3
1000.0	88 ± 0.9
Trial Summary	Positive
Positive Control <sup>2</sup>	395 ± 25.4
Positive Control <sup>5</sup>	

Experiment Number: 806665  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**  
Test Compound: Methyl 2-chloroacrylate  
CAS Number: 80-63-7

Date Report Requested: 09/15/2018  
Time Report Requested: 09:26:30

### 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 2-Aminoanthracene
- 3: 2.5 ug/Plate 2-Aminoanthracene
- 4: 5.0 ug/Plate Sodium Azide
- 5: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

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