

Experiment Number: 635386

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Guanazole

CAS Number: 1455-77-2

Date Report Requested: 09/10/2018

Time Report Requested: 22:54:35

**NTP Study Number:**

635386

**Study Result:**

Negative

Experiment Number: 635386

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Guanazole

CAS Number: 1455-77-2

Date Report Requested: 09/10/2018

Time Report Requested: 22:54:35

## Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	100 ± 8.1	101 ± 1.0	140 ± 9.4	148 ± 7.7	139 ± 13.8
33.0	82 ± 2.3		147 ± 7.8		142 ± 6.2
100.0	86 ± 4.0		127 ± 1.2		142 ± 11.9
333.0	95 ± 6.2	101 ± 2.7	138 ± 1.7	148 ± 7.0	146 ± 7.0
1000.0	106 ± 3.9	112 ± 2.6	116 ± 1.9	150 ± 15.0	135 ± 3.8
3333.0	98 ± 3.7	121 ± 3.2	137 ± 6.4	171 ± 13.0	134 ± 5.1
10000.0		110 ± 2.9		162 ± 6.0	
18800.0		118 ± 3.8		176 ± 3.5	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			2022 ± 237.1	2565 ± 68.5	961 ± 107.3
Positive Control <sup>3</sup>	476 ± 11.9	725 ± 6.6			

Experiment Number: 635386

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data

Test Compound: Guanazole

CAS Number: 1455-77-2

Date Report Requested: 09/10/2018

Time Report Requested: 22:54:35

---

Strain: TA100

---

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	165 ± 13.9
33.0	
100.0	
333.0	169 ± 6.0
1000.0	172 ± 5.7
3333.0	179 ± 11.2
10000.0	183 ± 11.1
18800.0	195 ± 11.8
Trial Summary	Negative
Positive Control <sup>2</sup>	2202 ± 132.3
Positive Control <sup>3</sup>	

Experiment Number: 635386

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity**G06: Ames Summary Data**Test Compound: Guanazole  
CAS Number: 1455-77-2

Date Report Requested: 09/10/2018

Time Report Requested: 22:54:35

**Strain: TA1535**

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	4 ± 1.5	3 ± 0.7	5 ± 2.4	5 ± 0.6	4 ± 0.9
33.0	2 ± 0.6		5 ± 1.0		4 ± 0.7
100.0	2 ± 0.3		6 ± 1.5		5 ± 0.9
333.0	2 ± 0.3	3 ± 1.3	5 ± 1.2	4 ± 1.0	3 ± 0.7
1000.0	2 ± 0.0	3 ± 1.0	4 ± 0.9	5 ± 0.6	4 ± 0.9
3333.0	2 ± 0.3	4 ± 1.5	6 ± 1.2	4 ± 1.0	5 ± 1.5
10000.0		4 ± 0.7		5 ± 0.9	
18800.0		3 ± 1.2		6 ± 0.6	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			108 ± 22.5	179 ± 26.0	62 ± 4.8
Positive Control <sup>3</sup>	376 ± 26.7	369 ± 25.7			

Experiment Number: 635386

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

**G06: Ames Summary Data**

Test Compound: **Guanazole**

CAS Number: 1455-77-2

Date Report Requested: 09/10/2018

Time Report Requested: 22:54:35

---

**Strain: TA1535**

---

<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	4 ± 0.6
33.0	
100.0	
333.0	6 ± 2.2
1000.0	5 ± 0.6
3333.0	5 ± 1.5
10000.0	5 ± 0.6
18800.0	4 ± 1.0
Trial Summary	Negative
Positive Control <sup>2</sup>	117 ± 4.2
Positive Control <sup>3</sup>	

Experiment Number: 635386

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Guanazole

CAS Number: 1455-77-2

Date Report Requested: 09/10/2018

Time Report Requested: 22:54:35

## Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	3 ± 0.3	3 ± 0.3	6 ± 1.5	6 ± 1.2	7 ± 0.3
33.0	1 ± 0.0		4 ± 1.2		4 ± 0.0
100.0	2 ± 0.9		8 ± 0.6		7 ± 0.6
333.0	3 ± 0.9	3 ± 0.9	7 ± 1.5	4 ± 1.8	5 ± 0.9
1000.0	2 ± 0.0	3 ± 0.9	4 ± 0.9	4 ± 0.9	5 ± 1.2
3333.0	3 ± 1.2	5 ± 0.9	6 ± 0.6	5 ± 0.6	5 ± 0.6
10000.0		3 ± 0.6		6 ± 0.6	
18800.0		2 ± 0.7		6 ± 1.3	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			208 ± 47.7	298 ± 16.6	235 ± 33.3
Positive Control <sup>4</sup>	1217 ± 32.1	1019 ± 44.5			

Experiment Number: 635386  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: Guanazole  
CAS Number: 1455-77-2

Date Report Requested: 09/10/2018  
Time Report Requested: 22:54:35

---

Strain: TA1537

---

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	8 ± 0.7
33.0	
100.0	
333.0	6 ± 0.0
1000.0	6 ± 0.3
3333.0	6 ± 0.9
10000.0	5 ± 1.0
18800.0	5 ± 0.9
Trial Summary	Negative
Positive Control <sup>2</sup>	248 ± 8.7
Positive Control <sup>4</sup>	

Experiment Number: 635386

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Guanazole

CAS Number: 1455-77-2

Date Report Requested: 09/10/2018

Time Report Requested: 22:54:35

## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	5 ± 1.9	13 ± 3.6	7 ± 2.4	23 ± 3.2	8 ± 1.7
33.0	1 ± 0.3		7 ± 2.5		6 ± 1.2
100.0	2 ± 0.9		13 ± 1.7		7 ± 0.9
333.0	4 ± 0.6	12 ± 1.2	6 ± 1.3	22 ± 1.0	12 ± 1.8
1000.0	4 ± 0.9	11 ± 1.2	5 ± 1.7	21 ± 3.5	10 ± 1.0
3333.0	2 ± 1.0	9 ± 0.9	6 ± 1.2	25 ± 4.0	11 ± 2.9
10000.0		14 ± 1.8		20 ± 1.2	
18800.0		13 ± 1.3		23 ± 2.2	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			533 ± 74.1	782 ± 78.0	510 ± 52.4
Positive Control <sup>5</sup>	92 ± 14.7	404 ± 36.9			

Experiment Number: 635386  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: Guanazole  
CAS Number: 1455-77-2

Date Report Requested: 09/10/2018  
Time Report Requested: 22:54:35

---

Strain: TA98

---

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control <sup>1</sup>	17 ± 5.2
33.0	
100.0	
333.0	23 ± 2.0
1000.0	19 ± 2.5
3333.0	23 ± 0.9
10000.0	27 ± 1.5
18800.0	21 ± 0.3
Trial Summary	Negative
Positive Control <sup>2</sup>	526 ± 9.4
Positive Control <sup>5</sup>	

Experiment Number: 635386  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: Guanazole  
CAS Number: 1455-77-2

Date Report Requested: 09/10/2018  
Time Report Requested: 22:54:35

#### 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 2-Aminoanthracene

3: 3.3 ug/Plate Sodium Azide

4: 33.0 ug/Plate 9-Aminoacridine

5: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

\*\* END OF REPORT \*\*