

Experiment Number: 072851

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Pheniramine maleate

CAS Number: 132-20-7

Date Report Requested: 09/11/2018

Time Report Requested: 00:08:53

**NTP Study Number:**

072851

**Study Result:**

Negative

Experiment Number: 072851

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Pheniramine maleate

CAS Number: 132-20-7

Date Report Requested: 09/11/2018

Time Report Requested: 00:08:53

## 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>	78 ± 12.5	87 ± 5.5	83 ± 6.4	133 ± 8.4	76 ± 4.7
100.0	53 ± 2.8	41 ± 21.3	76 ± 2.1	126 ± 2.4	79 ± 2.2
333.0	52 ± 1.7	93 ± 3.9	72 ± 3.2	137 ± 2.3	82 ± 2.3
1000.0	44 ± 2.2	79 ± 1.8	78 ± 4.7	128 ± 12.8	80 ± 1.5
3333.0	40 ± 3.2	70 ± 4.3	66 ± 3.8	110 ± 13.2	85 ± 5.2
10000.0	41 ± 5.3	40 ± 5.0	72 ± 3.8	74 ± 8.1	73 ± 6.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			466 ± 30.3	352 ± 31.1	506 ± 24.3
Positive Control <sup>3</sup>	537 ± 29.5	347 ± 48.4			

Experiment Number: 072851

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Pheniramine maleate

CAS Number: 132-20-7

Date Report Requested: 09/11/2018

Time Report Requested: 00:08:53

---

**Strain: TA100**

---

<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	145 ± 5.0
100.0	120 ± 5.3
333.0	112 ± 3.6
1000.0	119 ± 16.3
3333.0	112 ± 8.7
10000.0	74 ± 3.9
Trial Summary	Negative
Positive Control <sup>2</sup>	1198 ± 217.9
Positive Control <sup>3</sup>	

Experiment Number: 072851

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Pheniramine maleate

CAS Number: 132-20-7

Date Report Requested: 09/11/2018

Time Report Requested: 00:08:53

## 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>	16 ± 1.5	5 ± 0.7	10 ± 1.5	15 ± 3.7	9 ± 0.6
100.0	15 ± 1.2	6 ± 2.5	21 ± 3.8	12 ± 0.9	12 ± 0.6
333.0	10 ± 3.1	5 ± 1.0	14 ± 5.6	9 ± 1.0	17 ± 1.2
1000.0	6 ± 0.9	6 ± 1.7	21 ± 1.7	6 ± 1.2	16 ± 4.6
3333.0	4 ± 0.3	5 ± 1.9	19 ± 2.7	6 ± 0.7	7 ± 0.9
10000.0	5 ± 0.9	2 ± 0.7	10 ± 1.5	6 ± 0.3	10 ± 1.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			33 ± 1.9	40 ± 4.6	63 ± 1.9
Positive Control <sup>3</sup>	562 ± 29.2	485 ± 31.6			

Experiment Number: 072851

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Pheniramine maleate

CAS Number: 132-20-7

Date Report Requested: 09/11/2018

Time Report Requested: 00:08:53

---

**Strain: TA1535**

---

<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	15 ± 0.9
100.0	14 ± 1.8
333.0	12 ± 0.9
1000.0	7 ± 1.8
3333.0	5 ± 0.6
10000.0	3 ± 0.9
Trial Summary	Negative
Positive Control <sup>2</sup>	88 ± 5.8
Positive Control <sup>3</sup>	

Experiment Number: 072851

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Pheniramine maleate

CAS Number: 132-20-7

Date Report Requested: 09/11/2018

Time Report Requested: 00:08:53

## 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 ± 0.9	3 ± 0.6	4 ± 0.9	8 ± 0.9	4 ± 0.9
33.0		3 ± 0.5			
100.0	1 ± 0.7	2 ± 0.7	5 ± 1.3	9 ± 2.9	6 ± 1.5
333.0	1 ± 0.3	3 ± 0.6	4 ± 0.7	6 ± 0.3	5 ± 0.9
1000.0	3 ± 0.0	2 ± 1.2	4 ± 1.2	6 ± 0.6	3 ± 0.9
3333.0	Toxic	2 ± 0.9	3 ± 0.3	5 ± 0.9	2 ± 0.3
10000.0	Toxic		3 ± 0.6	7 ± 1.7	3 ± 0.6
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			45 ± 0.6	47 ± 10.9	49 ± 6.2
Positive Control <sup>4</sup>	162 ± 82.9	462 ± 113.6			

Experiment Number: 072851

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Pheniramine maleate

CAS Number: 132-20-7

Date Report Requested: 09/11/2018

Time Report Requested: 00:08:53

---

**Strain: TA1537**

---

<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	6 ± 0.5
33.0	
100.0	5 ± 1.5
333.0	3 ± 1.0
1000.0	Toxic
3333.0	3 ± 0.9
10000.0	4 ± 0.6
Trial Summary	Negative
Positive Control <sup>2</sup>	32 ± 4.2
Positive Control <sup>4</sup>	

Experiment Number: 072851

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Pheniramine maleate

CAS Number: 132-20-7

Date Report Requested: 09/11/2018

Time Report Requested: 00:08:53

## 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>	18 ± 3.5	15 ± 1.9	27 ± 2.6	22 ± 1.7	33 ± 1.2
100.0	23 ± 3.2	17 ± 1.7	31 ± 1.2	21 ± 3.0	31 ± 2.9
333.0	17 ± 2.2	14 ± 1.9	23 ± 2.7	22 ± 1.2	26 ± 1.8
1000.0	17 ± 2.9	12 ± 1.9	32 ± 1.2	18 ± 2.0	30 ± 1.8
3333.0	21 ± 1.7	15 ± 2.7	30 ± 4.1	23 ± 1.5	30 ± 0.3
10000.0	18 ± 2.7	16 ± 1.7	30 ± 4.7	13 ± 1.5	25 ± 2.7
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>			57 ± 4.8	887 ± 92.9	367 ± 32.8
Positive Control <sup>5</sup>	94 ± 2.0	278 ± 50.2			

Experiment Number: 072851

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Pheniramine maleate

CAS Number: 132-20-7

Date Report Requested: 09/11/2018

Time Report Requested: 00:08:53

---

**Strain: TA98**

---

<b>Dose (ug/Plate)</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	19 ± 0.6
100.0	23 ± 1.9
333.0	20 ± 0.6
1000.0	17 ± 3.8
3333.0	18 ± 0.9
10000.0	18 ± 3.5
Trial Summary	Negative
Positive Control <sup>2</sup>	1539 ± 113.2
Positive Control <sup>5</sup>	

Experiment Number: 072851

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

**G06: Ames Summary Data**

Test Compound: **Pheniramine maleate**

CAS Number: 132-20-7

Date Report Requested: 09/11/2018

Time Report Requested: 00:08:53

**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 \*\***