

Experiment Number: 826211

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: 2-Amino-4-thiazoline HCl

CAS Number: 3882-98-2

Date Report Requested: 09/15/2018

Time Report Requested: 18:49:36

**NTP Study Number:**

826211

**Study Result:**

Positive

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Test Compound: 2-Amino-4-thiazoline HCl

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## 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>	138 ± 6.1	153 ± 9.8	168 ± 3.5	134 ± 9.2	142 ± 8.7
333.0	147 ± 3.8	151 ± 6.9	185 ± 3.2	160 ± 12.0	174 ± 11.3
1000.0	152 ± 7.8	143 ± 5.4	187 ± 6.6	159 ± 3.2	202 ± 8.8
3333.0	170 ± 7.1	222 ± 13.4	230 ± 11.0	198 ± 5.0	243 ± 14.4
6666.0	201 ± 9.8	236 ± 13.3	311 ± 6.1	210 ± 6.5	315 ± 4.8
10000.0	263 ± 30.9	260 ± 10.4	405 ± 23.9	326 ± 23.8	435 ± 15.8
Trial Summary	Weakly Positive	Weakly Positive	Positive	Positive	Positive
Positive Control <sup>2</sup>					479 ± 10.7
Positive Control <sup>3</sup>	440 ± 14.7	342 ± 0.6			
Positive Control <sup>4</sup>			454 ± 73.8	573 ± 23.8	

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**Strain: TA100**

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<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	156 ± 10.5
333.0	154 ± 6.9
1000.0	166 ± 8.9
3333.0	250 ± 4.7
6666.0	257 ± 5.7
10000.0	361 ± 35.8
Trial Summary	Positive
Positive Control <sup>2</sup>	651 ± 26.5
Positive Control <sup>3</sup>	
Positive Control <sup>4</sup>	

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**Strain: TA98**

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<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 30% Rat S9</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	18 ± 3.0	36 ± 3.2	47 ± 3.2
333.0	29 ± 7.5	20 ± 2.2	41 ± 0.9
1000.0	22 ± 2.6	26 ± 7.0	41 ± 5.2
3333.0	18 ± 0.7	23 ± 3.5	40 ± 5.8
6666.0	34 ± 5.2	23 ± 2.8	39 ± 2.3
10000.0	29 ± 2.6	20 ± 1.0	37 ± 2.9
Trial Summary	Negative	Negative	Negative
Positive Control <sup>2</sup>		112 ± 5.3	284 ± 5.2
Positive Control <sup>5</sup>	580 ± 42.2		

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**G06: Ames Summary Data**

Test Compound: **2-Amino-4-thiazoline HCl**

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**LEGEND**

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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: 1.0 ug/Plate Sodium Azide

4: 2.0 ug/Plate 2-Aminoanthracene

5: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

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