

Experiment Number: A31261

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

**G06: Ames Summary Data**

Test Compound: **Pubertal vinclozolin study**

CAS Number: **50471-44-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **17:16:30**

**NTP Study Number:**

A31261

**Study Result:**

Negative

Experiment Number: A31261

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Pubertal vinclozolin study

CAS Number: 50471-44-8

Date Report Requested: 09/16/2018

Time Report Requested: 17:16:30

## Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	65 ± 1.5	57 ± 2.6	84 ± 7.2	61 ± 1.3
1000.0	66 ± 6.6	74 ± 3.8	94 ± 1.8	70 ± 4.0
2500.0	57 ± 3.5	78 ± 3.2	95 ± 1.8	69 ± 7.2
5000.0	49 ± 2.6	72 ± 5.3	90 ± 0.6	75 ± 4.2
7500.0	44 ± 2.3 <sup>P</sup>	72 ± 3.1 <sup>P</sup>	95 ± 1.0 <sup>P</sup>	75 ± 3.8 <sup>P</sup>
10000.0	39 ± 2.4 <sup>P</sup>	74 ± 4.1 <sup>P</sup>	95 ± 1.2 <sup>P</sup>	65 ± 7.5 <sup>P</sup>
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	531 ± 60.0	653 ± 19.1		
Positive Control <sup>3</sup>			1013 ± 97.5	1026 ± 21.2

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## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	27 ± 1.2	16 ± 2.5	25 ± 2.1	30 ± 2.6
1000.0	22 ± 0.9	16 ± 2.8	26 ± 1.8	27 ± 2.6
2500.0	21 ± 1.2	20 ± 0.9	24 ± 0.9	30 ± 5.1
5000.0	19 ± 0.9	18 ± 1.5	22 ± 1.8	29 ± 2.6
7500.0	19 ± 0.9 <sup>P</sup>	18 ± 0.9 <sup>P</sup>	25 ± 2.3 <sup>P</sup>	29 ± 5.0 <sup>P</sup>
10000.0	21 ± 1.9 <sup>P</sup>	15 ± 1.9 <sup>P</sup>	21 ± 1.5 <sup>P</sup>	29 ± 2.3 <sup>P</sup>
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>3</sup>			1042 ± 124.3	1020 ± 39.3
Positive Control <sup>4</sup>	701 ± 61.5	662 ± 22.2		

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## Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	138 ± 4.4	131 ± 4.6	249 ± 0.6	275 ± 2.6
1000.0	122 ± 2.7	138 ± 2.5	255 ± 4.3	264 ± 3.8
2500.0	116 ± 6.4	152 ± 2.1	265 ± 25.8	285 ± 9.5
5000.0	150 ± 9.4	162 ± 14.4	228 ± 16.1	296 ± 10.7
7500.0	156 ± 4.1 <sup>P</sup>	165 ± 2.5 <sup>P</sup>	287 ± 10.3 <sup>P</sup>	278 ± 8.8 <sup>P</sup>
10000.0	137 ± 11.8 <sup>P</sup>	164 ± 4.1 <sup>P</sup>	275 ± 4.2 <sup>P</sup>	298 ± 12.8 <sup>P</sup>
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>5</sup>			948 ± 27.1	1107 ± 15.9
Positive Control <sup>6</sup>	1034 ± 62.5	2003 ± 69.2		

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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: Dimethyl Sulfoxide

2: 1.0 ug/Plate Sodium Azide

3: 2.5 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate 2-Nitrofluorene

5: 20.0 ug/Plate 2-Aminoanthracene

6: 4000.0 ug/Plate Methyl Methane Sulfonate

p: Precipitate

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