

Experiment Number: **G02003**

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

G06: Ames Summary Data

Test Compound: **Nevirapine**

CAS Number: **129618-40-2**

Date Report Requested: **09/15/2018**

Time Report Requested: **18:04:21**

NTP Study Number:

G02003

Study Result:

Negative

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Strain: TA100				
Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	105 ± 9.6	127 ± 9.5	114 ± 8.1	130 ± 10.8
12.5	123 ± 4.3		104 ± 3.5	
50.0	118 ± 1.2	129 ± 9.8	110 ± 3.2	121 ± 4.9
125.0	106 ± 3.9	115 ± 6.1	104 ± 12.3	138 ± 8.2
500.0	119 ± 12.5	122 ± 6.2	114 ± 0.9	134 ± 4.8
1500.0	107 ± 9.4	121 ± 10.7	108 ± 1.5	131 ± 6.3
3000.0		126 ± 9.8 ^P		134 ± 7.6 ^P
6000.0	108 ± 8.0 ^P	138 ± 3.0 ^P	83 ± 4.7 ^P	112 ± 11.0 ^P
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²	883 ± 51.1	864 ± 9.6		
Positive Control ³			2625 ± 226.3	2478 ± 129.4

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	22 ± 1.2	27 ± 2.6	34 ± 3.5	36 ± 5.5
12.5	23 ± 4.1		28 ± 4.1	
50.0	24 ± 0.3	25 ± 1.3	38 ± 4.6	29 ± 0.6
125.0	23 ± 4.5	24 ± 4.7	31 ± 3.5	30 ± 3.2
500.0	22 ± 2.2	28 ± 1.5	29 ± 0.9	38 ± 3.5
1500.0	27 ± 7.8	37 ± 4.6	49 ± 4.6	36 ± 3.3
3000.0		22 ± 3.8 ^p		23 ± 2.3 ^p
6000.0	15 ± 2.0 ^p	19 ± 2.8 ^p	40 ± 4.5 ^p	18 ± 1.8 ^p
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁴			1086 ± 12.8	1119 ± 45.3
Positive Control ⁵	466 ± 43.9	624 ± 45.3		

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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 ¹	199 ± 4.3	153 ± 13.4	226 ± 8.2	189 ± 18.4
12.5	177 ± 6.7		218 ± 6.4	
50.0	197 ± 6.6	150 ± 9.5	214 ± 11.5	183 ± 6.5
125.0	193 ± 8.3	185 ± 11.7	210 ± 10.3	204 ± 6.4
500.0	187 ± 5.5	153 ± 2.4	225 ± 6.1	214 ± 6.3
1500.0	197 ± 20.3	158 ± 7.9	222 ± 14.6	199 ± 5.6
3000.0		151 ± 22.5 ^P		204 ± 10.2 ^P
6000.0	258 ± 13.2 ^P	209 ± 15.8 ^P	292 ± 9.5 ^P	207 ± 8.5 ^P
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁶			1289 ± 108.7	1502 ± 16.7
Positive Control ⁷	1162 ± 57.7	1090 ± 53.8		

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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 Sodium Azide
- 3: 2.5 ug/Plate 2-Aminoanthracene
- 4: 1.0 ug/Plate 2-Aminoanthracene
- 5: 3.0 ug/Plate 2-Nitrofluorene
- 6: 20.0 ug/Plate 2-Aminoanthracene
- 7: 100.0 ug/Plate Methyl Methane Sulfonate
- p: Precipitate

**** END OF REPORT ****