

Experiment Number: 245571

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

G06: Ames Summary Data

Test Compound: **o-Nitrophenethyl alcohol**

CAS Number: 15121-84-3

Date Report Requested: **09/10/2018**

Time Report Requested: **19:59:23**

NTP Study Number:

245571

Study Result:

Positive

Experiment Number: 245571

Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**Test Compound: o-Nitrophenethyl alcohol
CAS Number: 15121-84-3

Date Report Requested: 09/10/2018

Time Report Requested: 19:59:23

Strain: TA100				
Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	84 ± 8.5	129 ± 8.1	105 ± 3.8	107 ± 6.1
10.0		109 ± 4.2	125 ± 5.7	
33.0	83 ± 3.5			
100.0	99 ± 1.7	118 ± 1.7	213 ± 12.5	220 ± 13.5
333.0	94 ± 4.9			285 ± 5.6
1000.0	102 ± 4.7	176 ± 7.7	320 ± 15.9	322 ± 9.6
2000.0	90 ± 2.6 ^s			
3333.0		215 ± 9.0	375 ± 2.3	340 ± 11.8
5000.0				266 ± 16.0 ^s
6666.0		69 ± 31.8 ^s	254 ± 83.9 ^s	
Trial Summary	Negative	Weakly Positive	Positive	Positive
Positive Control ²	362 ± 9.1			
Positive Control ³		982 ± 58.6	512 ± 7.0	278 ± 33.9

Experiment Number: 245571

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: o-Nitrophenethyl alcohol

CAS Number: 15121-84-3

Date Report Requested: 09/10/2018

Time Report Requested: 19:59:23

Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	12 ± 2.0	24 ± 1.2	25 ± 3.3
10.0		33 ± 1.2	31 ± 3.5
33.0	15 ± 2.0		
100.0	11 ± 1.2	32 ± 0.9	30 ± 1.2
333.0	14 ± 0.6		
1000.0	12 ± 2.2	28 ± 2.8	31 ± 4.7
2000.0	11 ± 2.0		
3333.0		31 ± 3.6	39 ± 2.6
6666.0		14 ± 1.3 ^s	16 ± 0.9 ^s
Trial Summary	Negative	Negative	Negative
Positive Control ⁴			78 ± 6.9
Positive Control ³		214 ± 9.0	
Positive Control ⁵	197 ± 14.6		

Experiment Number: 245571

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

G06: Ames Summary Data

Test Compound: **o-Nitrophenethyl alcohol**

CAS Number: 15121-84-3

Date Report Requested: 09/10/2018

Time Report Requested: 19:59:23

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: 0.5 ug/Plate Sodium Azide

3: 1.0 ug/Plate 2-Aminoanthracene

4: 0.4 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**** END OF REPORT ****