

Experiment Number: 343848

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: N-Nitrosopiperidine

CAS Number: 100-75-4

Date Report Requested: 09/12/2018

Time Report Requested: 23:26:48

NTP Study Number:

343848

Study Result:

Positive

Experiment Number: 343848

G06: Ames Summary Data

Date Report Requested: 09/12/2018

Test Type: **Genetic Toxicology - Bacterial
Mutagenicity**Test Compound: **N-Nitrosopiperidine**

Time Report Requested: 23:26:48

CAS Number: 100-75-4

Strain: TA100

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	108 ± 10.4	120 ± 7.7	105 ± 7.0	104 ± 5.8	113 ± 9.2
1.0					136 ± 6.4
3.0				153 ± 2.0	147 ± 14.3
10.0					193 ± 13.2
33.0				320 ± 10.4	214 ± 17.6
100.0	117 ± 8.7	123 ± 15.2	90 ± 3.8	565 ± 18.6	461 ± 41.2
333.0	109 ± 5.5	133 ± 15.6	134 ± 15.5	916 ± 23.8	
1000.0	126 ± 6.1	175 ± 13.6	117 ± 4.1	1115 ± 15.2	
3333.0	101 ± 1.9	281 ± 13.1	210 ± 10.2		
10000.0	108 ± 10.1	371 ± 15.5	257 ± 39.9		
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ²		412 ± 17.6	396 ± 27.0	1373 ± 44.0	1565 ± 37.7
Positive Control ³	369 ± 11.7				

Experiment Number: 343848

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: N-Nitrosopiperidine

CAS Number: 100-75-4

Date Report Requested: 09/12/2018

Time Report Requested: 23:26:48

Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	34 ± 2.5	7 ± 0.7	8 ± 0.6	10 ± 2.8	9 ± 2.6
1.0					20 ± 3.5
3.0				29 ± 0.7	26 ± 5.8
10.0					46 ± 3.1
33.0				188 ± 10.2	97 ± 15.3
100.0	27 ± 4.5	18 ± 1.2	20 ± 1.3	437 ± 17.9	302 ± 47.0
333.0	23 ± 2.3	29 ± 7.2	34 ± 1.3	730 ± 42.5	
1000.0	29 ± 5.7	52 ± 7.0	21 ± 0.3	972 ± 30.7	
3333.0	26 ± 2.9	149 ± 4.9	75 ± 10.1		
10000.0	18 ± 3.3 ^s	231 ± 10.4	148 ± 12.7		
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ³	340 ± 15.0				
Positive Control ⁴		130 ± 3.8	163 ± 12.5	338 ± 22.7	451 ± 27.3

Experiment Number: 343848

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: N-Nitrosopiperidine

CAS Number: 100-75-4

Date Report Requested: 09/12/2018

Time Report Requested: 23:26:48

Strain: TA1537

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	5 ± 0.3	3 ± 0.7	3 ± 0.9	13 ± 0.6	4 ± 0.9
3.0			6 ± 3.2	7 ± 0.9	
33.0			7 ± 1.5	7 ± 0.9	
100.0	5 ± 1.8	6 ± 0.9	6 ± 1.8	7 ± 0.9	6 ± 0.9
333.0	5 ± 1.3	6 ± 1.7	11 ± 2.0	12 ± 0.3	6 ± 1.5
1000.0	6 ± 1.5	6 ± 0.7	18 ± 1.2	9 ± 1.5	7 ± 0.9
3333.0	6 ± 0.7	9 ± 1.2			5 ± 1.0
10000.0	9 ± 1.5	7 ± 1.7			8 ± 1.2
Trial Summary	Negative	Negative	Equivocal	Negative	Negative
Positive Control ⁴		191 ± 11.6	534 ± 5.4	307 ± 24.1	415 ± 24.2
Positive Control ⁵	894 ± 166.3				

Experiment Number: 343848

Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**

Test Compound: N-Nitrosopiperidine

CAS Number: 100-75-4

Date Report Requested: 09/12/2018

Time Report Requested: 23:26:48

Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	16 ± 1.5	20 ± 4.2	33 ± 2.5	20 ± 2.0
3.0			22 ± 3.6	
33.0			27 ± 1.5	
100.0	23 ± 1.2	18 ± 1.7	30 ± 4.6	31 ± 4.0
333.0	19 ± 1.0	20 ± 2.6	34 ± 4.7	32 ± 4.5
1000.0	14 ± 0.3	25 ± 3.5	41 ± 5.3	38 ± 3.8
3333.0	26 ± 0.6	26 ± 2.1		35 ± 1.7
10000.0	19 ± 4.7	25 ± 4.4		30 ± 5.5
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²		830 ± 61.5	830 ± 61.5	1127 ± 70.0
Positive Control ⁶	600 ± 12.2			

Experiment Number: 343848

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: N-Nitrosopiperidine

CAS Number: 100-75-4

Date Report Requested: 09/12/2018

Time Report Requested: 23:26:48

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 2-Aminoanthracene

3: 1.0 ug/Plate Sodium Azide

4: 2.5 ug/Plate 2-Aminoanthracene

5: 50.0 ug/Plate 9-Aminoacridine

6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**** END OF REPORT ****