NTP Study Number: 904442

Study Result: Negative

Experiment Number: **904442**

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

G06: Ames Summary Data

Test Compound: **N-Amylamine**

CAS Number: **110-58-7**

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

Time Report Requested: **23:36:01**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	93 ± 5.6	93 ± 4.1	136 ± 7.1	159 ± 11.2	138 ± 9.7
33.0	99 ± 5.4	90 ± 3.3	119 ± 1.9	153 ± 6.2	136 ± 7.0
100.0	94 ± 4.2	85 ± 5.5	137 ± 14.1	161 ± 18.9	131 ± 4.8
333.0	96 ± 3.0	94 ± 5.8	119 ± 5.2	178 ± 10.3	129 ± 2.2
1000.0	89 ± 5.0	89 ± 4.1	93 ± 2.4	121 ± 19.8	117 ± 7.9
3333.0	94 ± 8.0	85 ± 2.8	Toxic	109 ± 6.9	122 ± 5.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			2375 ± 190.2	2975 ± 26.0	2081 ± 76.8
Positive Control[3]	1206 ± 26.0	540 ± 13.7			

Experiment Number: **904442**

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

G06: Ames Summary Data

Test Compound: **N-Amylamine**

CAS Number: **110-58-7**

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

Time Report Requested: **23:36:01**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	162 ± 2.3
33.0	133 ± 15.8
100.0	151 ± 3.8
333.0	144 ± 14.2
1000.0	131 ± 7.0
3333.0	99 ± 9.0
Trial Summary	Negative
Positive Control[2]	1470 ± 64.9
Positive Control[3]	

Experiment Number: **904442**

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

G06: Ames Summary Data

Test Compound: **N-Amylamine**

CAS Number: **110-58-7**

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

Time Report Requested: **23:36:01**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	19 ± 3.0	8 ± 3.2	21 ± 3.2	12 ± 3.0	24 ± 2.2
33.0	18 ± 2.1	9 ± 2.3	18 ± 3.2	11 ± 0.7	17 ± 0.7
100.0	13 ± 3.5	8 ± 2.1	16 ± 1.2	9 ± 1.5	20 ± 2.5
333.0	15 ± 4.5	8 ± 0.9	19 ± 1.5	13 ± 3.2	15 ± 0.0
1000.0	18 ± 3.0	9 ± 1.2	18 ± 1.2	10 ± 0.9	13 ± 0.6
3333.0	14 ± 1.7	6 ± 1.5	16 ± 0.9	6 ± 0.9	19 ± 2.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			272 ± 6.7	90 ± 4.0	405 ± 14.6
Positive Control[3]	1044 ± 73.3	404 ± 30.2			

Experiment Number: **904442**

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

G06: Ames Summary Data

Test Compound: **N-Amylamine**

CAS Number: **110-58-7**

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

Time Report Requested: **23:36:01**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	13 ± 1.0
33.0	13 ± 1.5
100.0	14 ± 1.5
333.0	12 ± 1.2
1000.0	12 ± 0.3
3333.0	8 ± 0.9
Trial Summary	Negative
Positive Control[4]	115 ± 13.0
Positive Control[3]	

Experiment Number: **904442**

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

G06: Ames Summary Data

Test Compound: **N-Amylamine**

CAS Number: **110-58-7**

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

Time Report Requested: **23:36:01**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	9 ± 0.3	5 ± 1.8	16 ± 3.1	15 ± 2.6	18 ± 3.3
33.0	8 ± 0.7	5 ± 2.5	19 ± 1.5	13 ± 0.7	18 ± 1.5
100.0	11 ± 2.3	3 ± 1.2	16 ± 3.1	13 ± 1.5	22 ± 2.7
333.0	7 ± 1.5	3 ± 0.6	12 ± 2.3	13 ± 1.9	19 ± 1.2
1000.0	9 ± 2.3	2 ± 0.6	14 ± 1.2	3 ± 1.8	14 ± 1.9
3333.0	Toxic	Toxic	Toxic	Toxic	Toxic
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			367 ± 54.5	82 ± 16.2	174 ± 7.8
Positive Control[5]	560 ± 75.5	96 ± 18.8			

Experiment Number: **904442**

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

G06: Ames Summary Data

Test Compound: **N-Amylamine**

CAS Number: **110-58-7**

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

Time Report Requested: **23:36:01**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	6 ± 0.3
33.0	7 ± 0.6
100.0	6 ± 1.2
333.0	5 ± 1.5
1000.0	6 ± 2.2
3333.0	Toxic
Trial Summary	Negative
Positive Control[4]	112 ± 6.4
Positive Control[5]	

Experiment Number: **904442**

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

G06: Ames Summary Data

Test Compound: **N-Amylamine**

CAS Number: **110-58-7**

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

Time Report Requested: **23:36:01**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	20 ± 2.0	10 ± 1.5	34 ± 2.9	33 ± 3.4	33 ± 5.6
33.0	23 ± 1.5	14 ± 2.7	44 ± 6.5	32 ± 3.5	45 ± 4.7
100.0	22 ± 4.4	14 ± 0.6	30 ± 2.0	32 ± 1.8	38 ± 1.5
333.0	24 ± 3.6	14 ± 1.7	32 ± 2.3	24 ± 5.6	32 ± 5.5
1000.0	18 ± 1.5	15 ± 2.0	27 ± 1.2	24 ± 5.8	27 ± 1.8
3333.0	19 ± 1.9	11 ± 1.0	21 ± 1.2	18 ± 2.3	Toxic
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			1442 ± 73.7	2412 ± 33.0	1558 ± 111.7
Positive Control[6]	710 ± 33.0	248 ± 9.0			

Experiment Number: **904442**

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

G06: Ames Summary Data

Test Compound: **N-Amylamine**

CAS Number: **110-58-7**

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

Time Report Requested: **23:36:01**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	20 ± 0.9
33.0	25 ± 1.5
100.0	21 ± 0.9
333.0	24 ± 1.5
1000.0	18 ± 0.6
3333.0	20 ± 1.5
Trial Summary	Negative
Positive Control[2]	855 ± 59.5
Positive Control[6]	

LEGEND

Values given as Mean or Mean ± 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: 3.3 ug/Plate Sodium Azide
4: 2.0 ug/Plate 2-Aminoanthracene
5: 33.0 ug/Plate 9-Aminoacridine
6: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

** END OF REPORT **