NTP Study Number: 908000

Study Result: Positive

Experiment Number: **908000**

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

G06: Ames Summary Data

Test Compound: **m-Aminoacetanilide**

CAS Number: **102-28-3**

Date Report Requested: **09/17/2018**

Time Report Requested: **01:39:14**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	115 ± 7.7	96 ± 5.0	114 ± 2.9	94 ± 6.7	109 ± 1.7
100.0	131 ± 4.4	92 ± 7.8	114 ± 11.9	100 ± 5.4	98 ± 5.0
333.0	119 ± 5.0	101 ± 7.1	106 ± 4.7	104 ± 6.1	121 ± 3.5
1000.0	131 ± 4.4	103 ± 10.6	150 ± 7.8	119 ± 4.7	111 ± 2.5
3333.0	128 ± 10.3	98 ± 2.3	148 ± 3.7	115 ± 6.9	186 ± 5.7
10000.0	127 ± 4.7	94 ± 11.2	178 ± 8.9	128 ± 2.4	263 ± 6.7
Trial Summary	Negative	Negative	Equivocal	Equivocal	Weakly Positive
Positive Control[2]					847 ± 6.2
Positive Control[3]			1381 ± 25.0	1496 ± 30.6	
Positive Control[4]	1955 ± 30.2	1050 ± 20.8			

Experiment Number: **908000**

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

G06: Ames Summary Data

Test Compound: **m-Aminoacetanilide**

CAS Number: **102-28-3**

Date Report Requested: **09/17/2018**

Time Report Requested: **01:39:14**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	100 ± 8.3
100.0	105 ± 10.4
333.0	100 ± 2.9
1000.0	114 ± 7.2
3333.0	150 ± 6.5
10000.0	213 ± 2.5
Trial Summary	Weakly Positive
Positive Control[2]	1073 ± 51.2
Positive Control[3]	
Positive Control[4]	

Experiment Number: **908000**

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

G06: Ames Summary Data

Test Compound: **m-Aminoacetanilide**

CAS Number: **102-28-3**

Date Report Requested: **09/17/2018**

Time Report Requested: **01:39:14**

Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	36 ± 3.2	14 ± 1.2	10 ± 2.6
100.0	33 ± 4.4	12 ± 1.2	10 ± 0.6
333.0	35 ± 4.6	13 ± 1.9	12 ± 2.8
1000.0	31 ± 2.5	15 ± 1.5	13 ± 3.8
3333.0	33 ± 3.1	9 ± 2.4	11 ± 0.9
10000.0	34 ± 5.5	12 ± 1.5	12 ± 1.2
Trial Summary	Negative	Negative	Negative
Positive Control[2]			74 ± 2.5
Positive Control[3]		103 ± 9.2	
Positive Control[4]	1144 ± 19.6		

Experiment Number: **908000**

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

G06: Ames Summary Data

Test Compound: **m-Aminoacetanilide**

CAS Number: **102-28-3**

Date Report Requested: **09/17/2018**

Time Report Requested: **01:39:14**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	203 ± 13.0	80 ± 5.4	197 ± 13.8	118 ± 7.5	186 ± 10.3
100.0	168 ± 7.6	86 ± 7.0	183 ± 3.2	137 ± 6.1	190 ± 6.7
333.0	185 ± 5.0	78 ± 2.3	258 ± 10.0	159 ± 3.8	262 ± 9.2
1000.0	158 ± 8.3	85 ± 5.9	228 ± 5.4	206 ± 5.2	330 ± 34.8
3333.0	190 ± 4.9	83 ± 1.9	351 ± 14.5	276 ± 2.3	737 ± 42.1
10000.0	131 ± 20.1	80 ± 7.4	707 ± 4.5	773 ± 12.5	1949 ± 19.2
Trial Summary	Negative	Negative	Positive	Positive	Positive
Positive Control[2]					735 ± 14.1
Positive Control[3]			1126 ± 40.7	969 ± 13.3	
Positive Control[5]	869 ± 52.1	566 ± 27.0			

Experiment Number: **908000**

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

G06: Ames Summary Data

Test Compound: **m-Aminoacetanilide**

CAS Number: **102-28-3**

Date Report Requested: **09/17/2018**

Time Report Requested: **01:39:14**

Strain: TA97

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	100 ± 4.9
100.0	151 ± 3.5
333.0	189 ± 12.7
1000.0	311 ± 13.1
3333.0	717 ± 28.6
10000.0	1457 ± 22.7
Trial Summary	Positive
Positive Control[2]	749 ± 8.7
Positive Control[3]	
Positive Control[5]	

Experiment Number: **908000**

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

G06: Ames Summary Data

Test Compound: **m-Aminoacetanilide**

CAS Number: **102-28-3**

Date Report Requested: **09/17/2018**

Time Report Requested: **01:39:14**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	47 ± 2.1	11 ± 2.1	54 ± 1.5	24 ± 1.2	53 ± 3.2
100.0	61 ± 4.2	17 ± 1.2	70 ± 2.3	29 ± 2.0	78 ± 0.6
333.0	61 ± 3.5	15 ± 1.5	86 ± 2.7	45 ± 4.6	120 ± 8.1
1000.0	63 ± 2.6	17 ± 1.7	149 ± 5.5	94 ± 2.1	447 ± 52.7
3333.0	55 ± 3.7	11 ± 2.2	323 ± 13.7	290 ± 20.3	1791 ± 26.1
10000.0	59 ± 0.9	17 ± 5.7	1375 ± 60.1	1065 ± 30.9	4436 ± 109.3
Trial Summary	Negative	Negative	Positive	Positive	Positive
Positive Control[2]					962 ± 7.9
Positive Control[3]			1514 ± 17.5	930 ± 24.6	
Positive Control[6]	1950 ± 51.1	1216 ± 32.8			

Experiment Number: **908000**

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

G06: Ames Summary Data

Test Compound: **m-Aminoacetanilide**

CAS Number: **102-28-3**

Date Report Requested: **09/17/2018**

Time Report Requested: **01:39:14**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	33 ± 8.7
100.0	51 ± 2.7
333.0	101 ± 4.8
1000.0	358 ± 5.5
3333.0	1363 ± 48.3
10000.0	4284 ± 100.3
Trial Summary	Positive
Positive Control[2]	839 ± 17.7
Positive Control[3]	
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: Dimethyl Sulfoxide
2: 0.75 ug/Plate 2-Aminoanthracene
3: 1.5 ug/Plate 2-Aminoanthracene
4: 2.5 ug/Plate Sodium Azide
5: 4.0 ug/Plate 9-Aminoacridine
6: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine

** END OF REPORT **