Experiment Number: **523472**

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

G06: Ames Summary Data

Test Compound: **o-Aminophenol**

CAS Number: **95-55-6**

Date Report Requested: **09/12/2018**

Time Report Requested: **17:57:37**

NTP Study Number: 523472

Study Result: Positive

Experiment Number: **523472**

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

G06: Ames Summary Data

Test Compound: **o-Aminophenol**

CAS Number: **95-55-6**

Date Report Requested: **09/12/2018**

Time Report Requested: **17:57:37**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	102 ± 0.3	100 ± 3.5	99 ± 3.6	74 ± 10.8	109 ± 9.4
10.0	113 ± 3.7	103 ± 8.1	89 ± 9.3	79 ± 7.9	94 ± 6.7
33.0	131 ± 5.0	141 ± 5.2	117 ± 8.8		132 ± 5.2
100.0	153 ± 0.9	176 ± 4.9	135 ± 3.8	182 ± 8.7	180 ± 6.7
333.0	185 ± 4.9	276 ± 14.5	213 ± 2.1	281 ± 5.8	302 ± 7.8
400.0		302 ± 20.6			
666.0	80 ± 17.6		278 ± 6.2	448 ± 30.8	433 ± 9.2
750.0				419 ± 31.9	
Trial Summary	Weakly Positive	Positive	Positive	Positive	Positive
Positive Control[2]					1415 ± 283.0
Positive Control[3]			1046 ± 9.7	1115 ± 31.7	
Positive Control[4]	2093 ± 41.5	2166 ± 56.6			

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Date Report Requested: **09/12/2018**

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	86 ± 1.7
10.0	84 ± 2.3
33.0	
100.0	175 ± 13.4
333.0	305 ± 16.8
400.0	
666.0	437 ± 11.6
750.0	435 ± 26.6
Trial Summary	Positive
Positive Control[2]	1963 ± 92.0
Positive Control[3]	
Positive Control[4]	

Experiment Number: **523472**

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

G06: Ames Summary Data

Test Compound: **o-Aminophenol**

CAS Number: **95-55-6**

Date Report Requested: **09/12/2018**

Time Report Requested: **17:57:37**

Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	20 ± 2.5	11 ± 4.0	11 ± 0.9
10.0	19 ± 0.9	7 ± 0.9	15 ± 1.5
33.0	22 ± 2.7	9 ± 2.5	9 ± 2.0
100.0	19 ± 2.5	8 ± 0.3	13 ± 2.3
333.0	10 ± 0.9	10 ± 1.2	11 ± 1.0
666.0	1 ± 0.6	10 ± 0.0	11 ± 1.7
Trial Summary	Negative	Negative	Negative
Positive Control[2]			181 ± 14.2
Positive Control[3]		71 ± 10.2	
Positive Control[4]	1302 ± 14.1		

Experiment Number: **523472**

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

G06: Ames Summary Data

Test Compound: **o-Aminophenol**

CAS Number: **95-55-6**

Date Report Requested: **09/12/2018**

Time Report Requested: **17:57:37**

Strain: TA1537

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	5 ± 1.0	10 ± 1.2	8 ± 0.6
10.0	9 ± 1.8	10 ± 1.5	7 ± 1.5
33.0	7 ± 2.2	8 ± 0.6	12 ± 1.2
100.0	5 ± 1.9	11 ± 4.1	8 ± 0.9
333.0	2 ± 0.7	11 ± 1.8	11 ± 1.2
666.0	0 ± 0.0	10 ± 2.3	8 ± 0.9
Trial Summary	Negative	Negative	Negative
Positive Control[2]			229 ± 9.5
Positive Control[3]		100 ± 4.1	
Positive Control[5]	390 ± 69.9		

Experiment Number: **523472**

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

G06: Ames Summary Data

Test Compound: **o-Aminophenol**

CAS Number: **95-55-6**

Date Report Requested: **09/12/2018**

Time Report Requested: **17:57:37**

Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	21 ± 1.5	30 ± 2.7	28 ± 4.2
10.0	17 ± 1.5	26 ± 2.7	27 ± 2.0
33.0	16 ± 2.5	25 ± 4.2	27 ± 2.5
100.0	22 ± 0.7	24 ± 2.9	26 ± 0.6
333.0	13 ± 2.5	24 ± 5.1	31 ± 2.6
666.0	3 ± 0.3	23 ± 2.0	28 ± 2.1
Trial Summary	Negative	Negative	Negative
Positive Control[2]			1688 ± 105.6
Positive Control[3]		1133 ± 53.2	
Positive Control[6]	1312 ± 14.7		

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: 80.0 ug/Plate 9-Aminoacridine
6: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine

** END OF REPORT **