Experiment Number: **900944**

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

G06: Ames Summary Data

Test Compound: **p-Bromoaniline**

CAS Number: **106-40-1**

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

Time Report Requested: **23:02:27**

NTP Study Number: 900944

Study Result: Negative

Experiment Number: **900944**

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

G06: Ames Summary Data

Test Compound: **p-Bromoaniline**

CAS Number: **106-40-1**

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

Time Report Requested: **23:02:27**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	127 ± 1.5	75 ± 0.9	137 ± 2.7	93 ± 4.7	124 ± 5.3
10.0	118 ± 12.4	83 ± 7.3		84 ± 2.6	
33.0	130 ± 9.7	79 ± 2.7	154 ± 11.3	105 ± 8.2	115 ± 7.2
100.0	124 ± 14.6	83 ± 3.7	145 ± 8.7	94 ± 7.3	144 ± 2.7
333.0	126 ± 8.3	86 ± 2.3	147 ± 9.1	95 ± 4.9	149 ± 2.8
1000.0	100 ± 4.8	97 ± 3.0	132 ± 2.4	90 ± 4.8	144 ± 4.7
3333.0			0 ± 0.0[s]		72 ± 10.4[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			755 ± 51.6	292 ± 9.2	1355 ± 47.8
Positive Control[3]	237 ± 8.1	215 ± 9.8			

Experiment Number: **900944**

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Test Compound: **p-Bromoaniline**

CAS Number: **106-40-1**

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

Time Report Requested: **23:02:27**

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	95 ± 4.1
10.0	92 ± 8.6
33.0	78 ± 3.8
100.0	106 ± 5.0
333.0	87 ± 3.0
1000.0	81 ± 6.1
3333.0	
Trial Summary	Negative
Positive Control[2]	245 ± 18.7
Positive Control[3]	

Experiment Number: **900944**

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

G06: Ames Summary Data

Test Compound: **p-Bromoaniline**

CAS Number: **106-40-1**

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

Time Report Requested: **23:02:27**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	23 ± 3.2	24 ± 0.0	11 ± 1.3	9 ± 2.5	9 ± 3.5
10.0	10 ± 3.0	19 ± 1.2		9 ± 2.4	
33.0	11 ± 2.5	21 ± 2.0	7 ± 0.9	6 ± 1.0	6 ± 1.5
100.0	11 ± 2.6	23 ± 2.5	10 ± 2.2	11 ± 2.1	5 ± 0.9
333.0	11 ± 1.7	19 ± 1.2	11 ± 1.0	8 ± 2.8	5 ± 1.3
1000.0	14 ± 3.8	20 ± 3.0	7 ± 0.3	7 ± 1.5	8 ± 2.5
3333.0			0 ± 0.0[s]		0 ± 0.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					347 ± 37.3
Positive Control[3]	167 ± 8.8	184 ± 11.4			
Positive Control[4]			208 ± 12.6	84 ± 8.9	

Experiment Number: **900944**

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

G06: Ames Summary Data

Test Compound: **p-Bromoaniline**

CAS Number: **106-40-1**

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

Time Report Requested: **23:02:27**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	8 ± 1.0
10.0	9 ± 2.2
33.0	8 ± 2.2
100.0	10 ± 1.7
333.0	6 ± 0.9
1000.0	8 ± 2.7
3333.0	
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	
Positive Control[4]	47 ± 6.9

Experiment Number: **900944**

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

G06: Ames Summary Data

Test Compound: **p-Bromoaniline**

CAS Number: **106-40-1**

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

Time Report Requested: **23:02:27**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	186 ± 14.3	141 ± 10.1	171 ± 12.1	241 ± 3.4	195 ± 4.7
10.0	187 ± 7.7	154 ± 5.0		205 ± 13.5	
33.0	187 ± 14.1	151 ± 9.5	183 ± 4.2	183 ± 9.3	203 ± 7.0
100.0	182 ± 11.5	165 ± 7.1	182 ± 7.5	192 ± 2.2	218 ± 15.3
333.0	181 ± 4.6	150 ± 6.3	198 ± 17.5	191 ± 7.0	220 ± 10.4
1000.0	95 ± 11.4	110 ± 3.9	142 ± 4.7	168 ± 4.8	197 ± 10.8
3333.0					32 ± 15.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			647 ± 20.5	425 ± 5.7	665 ± 286.0
Positive Control[5]	1003 ± 26.4	1405 ± 65.0			

Experiment Number: **900944**

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

G06: Ames Summary Data

Test Compound: **p-Bromoaniline**

CAS Number: **106-40-1**

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

Time Report Requested: **23:02:27**

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	201 ± 5.2
10.0	202 ± 14.7
33.0	196 ± 13.2
100.0	230 ± 13.0
333.0	207 ± 14.2
1000.0	194 ± 7.3
3333.0	
Trial Summary	Negative
Positive Control[4]	617 ± 45.0
Positive Control[5]	

Experiment Number: **900944**

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

G06: Ames Summary Data

Test Compound: **p-Bromoaniline**

CAS Number: **106-40-1**

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

Time Report Requested: **23:02:27**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	15 ± 4.2	14 ± 2.0	16 ± 2.3	17 ± 0.9	19 ± 1.2
10.0	15 ± 2.0	10 ± 1.5		23 ± 5.0	
33.0	12 ± 2.3	7 ± 1.2	24 ± 2.0	18 ± 1.5	24 ± 2.6
100.0	10 ± 2.4	10 ± 2.2	22 ± 3.2	26 ± 3.1	16 ± 3.8
333.0	9 ± 0.0	11 ± 1.7	18 ± 1.8	26 ± 1.0	23 ± 5.0
1000.0	10 ± 2.5	12 ± 2.7	27 ± 1.5	20 ± 4.0	26 ± 3.8
3333.0			0 ± 0.0[s]		6 ± 5.7[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			426 ± 28.3	221 ± 21.7	764 ± 72.1
Positive Control[6]	499 ± 20.7	550 ± 19.7			

Experiment Number: **900944**

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

G06: Ames Summary Data

Test Compound: **p-Bromoaniline**

CAS Number: **106-40-1**

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

Time Report Requested: **23:02:27**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	15 ± 1.2
10.0	15 ± 3.3
33.0	13 ± 0.9
100.0	7 ± 3.8
333.0	13 ± 1.9
1000.0	10 ± 0.7
3333.0	
Trial Summary	Negative
Positive Control[2]	146 ± 8.9
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: 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 **