Experiment Number: **789499**

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

G06: Ames Summary Data

Test Compound: **Pentabromophenol**

CAS Number: **608-71-9**

Date Report Requested: **09/18/2018**

Time Report Requested: **05:50:50**

NTP Study Number: 789499

Study Result: Negative

Experiment Number: **789499**

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

G06: Ames Summary Data

Test Compound: **Pentabromophenol**

CAS Number: **608-71-9**

Date Report Requested: **09/18/2018**

Time Report Requested: **05:50:50**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	117 ± 11.6	111 ± 9.9	100 ± 7.2	124 ± 2.3	121 ± 1.9
1.0	114 ± 7.2	114 ± 11.8	127 ± 6.1		115 ± 11.0
3.0	111 ± 6.4	117 ± 9.3	121 ± 7.8	140 ± 8.4	96 ± 10.6
10.0	113 ± 6.7	127 ± 5.9	138 ± 7.8	143 ± 2.8	113 ± 4.3
33.0	106 ± 4.1	117 ± 10.2	124 ± 7.8	136 ± 6.9	93 ± 8.2
100.0	0 ± 0.0[s]	0 ± 0.0[s]	116 ± 4.6	133 ± 1.2	96 ± 4.4
333.0				9 ± 2.8[s]	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]	334 ± 16.7	356 ± 10.3			
Positive Control[3]			444 ± 5.8	360 ± 15.5	1377 ± 27.2

Experiment Number: **789499**

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

G06: Ames Summary Data

Test Compound: **Pentabromophenol**

CAS Number: **608-71-9**

Date Report Requested: **09/18/2018**

Time Report Requested: **05:50:50**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	104 ± 2.3
1.0	
3.0	95 ± 1.5
10.0	94 ± 4.0
33.0	90 ± 5.2
100.0	91 ± 5.0
333.0	2 ± 2.3[s]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	249 ± 14.6

Experiment Number: **789499**

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

G06: Ames Summary Data

Test Compound: **Pentabromophenol**

CAS Number: **608-71-9**

Date Report Requested: **09/18/2018**

Time Report Requested: **05:50:50**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	36 ± 2.7	31 ± 3.2	11 ± 2.6	8 ± 0.3	13 ± 3.5
1.0	39 ± 1.7	35 ± 1.3	7 ± 0.7		8 ± 2.7
3.0	39 ± 1.3	32 ± 3.6	10 ± 1.0	7 ± 1.2	8 ± 0.7
10.0	30 ± 6.8	29 ± 4.0	9 ± 4.1	9 ± 3.2	7 ± 0.7
33.0	27 ± 5.2	26 ± 1.2	8 ± 2.3	11 ± 1.0	5 ± 1.5
100.0	15 ± 3.8	18 ± 4.9	6 ± 0.6	6 ± 1.3	6 ± 0.7
333.0				3 ± 1.2	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]	413 ± 29.9	380 ± 13.6			
Positive Control[4]			238 ± 6.0	155 ± 3.5	395 ± 26.0

Experiment Number: **789499**

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

G06: Ames Summary Data

Test Compound: **Pentabromophenol**

CAS Number: **608-71-9**

Date Report Requested: **09/18/2018**

Time Report Requested: **05:50:50**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	15 ± 1.2
1.0	
3.0	12 ± 3.4
10.0	10 ± 2.2
33.0	12 ± 1.5
100.0	8 ± 3.3
333.0	4 ± 0.6
Trial Summary	Negative
Positive Control[2]	
Positive Control[4]	206 ± 10.4

Experiment Number: **789499**

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

G06: Ames Summary Data

Test Compound: **Pentabromophenol**

CAS Number: **608-71-9**

Date Report Requested: **09/18/2018**

Time Report Requested: **05:50:50**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	8 ± 2.1	4 ± 1.2	9 ± 2.2	6 ± 1.8	9 ± 2.3
1.0	6 ± 0.6	5 ± 0.3	7 ± 2.6		9 ± 2.5
3.0	3 ± 0.7	5 ± 0.3	7 ± 1.5	7 ± 1.0	9 ± 1.3
10.0	6 ± 1.3	5 ± 0.7	11 ± 1.2	8 ± 2.8	7 ± 0.3
33.0	9 ± 1.8	6 ± 1.2	9 ± 1.8	6 ± 0.9	9 ± 3.7
100.0	4 ± 1.2	3 ± 1.2	6 ± 0.3	5 ± 1.5	6 ± 2.0
333.0				0 ± 0.0[s]	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			152 ± 21.9	154 ± 4.6	482 ± 12.9
Positive Control[5]	166 ± 16.0	148 ± 1.5			

Experiment Number: **789499**

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

G06: Ames Summary Data

Test Compound: **Pentabromophenol**

CAS Number: **608-71-9**

Date Report Requested: **09/18/2018**

Time Report Requested: **05:50:50**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	4 ± 1.0
1.0	
3.0	4 ± 0.3
10.0	10 ± 3.2
33.0	8 ± 2.8
100.0	7 ± 0.6
333.0	2 ± 2.0[s]
Trial Summary	Negative
Positive Control[4]	175 ± 5.5
Positive Control[5]	

Experiment Number: **789499**

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

G06: Ames Summary Data

Test Compound: **Pentabromophenol**

CAS Number: **608-71-9**

Date Report Requested: **09/18/2018**

Time Report Requested: **05:50:50**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	21 ± 3.2	17 ± 0.6	25 ± 2.6	33 ± 2.4	22 ± 3.1
1.0	15 ± 0.7	16 ± 2.3	27 ± 3.0		21 ± 5.0
3.0	22 ± 3.3	18 ± 3.6	24 ± 6.0	36 ± 3.7	27 ± 1.3
10.0	19 ± 3.2	17 ± 0.6	34 ± 1.9	33 ± 1.7	29 ± 2.2
33.0	17 ± 0.9	18 ± 2.8	26 ± 3.8	30 ± 1.8	28 ± 1.9
100.0	12 ± 3.3	9 ± 1.9	31 ± 5.0	28 ± 2.3	22 ± 1.2
333.0				9 ± 4.3	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]			439 ± 28.9	348 ± 3.4	1201 ± 38.4
Positive Control[6]	597 ± 4.6	505 ± 9.0			

Experiment Number: **789499**

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

G06: Ames Summary Data

Test Compound: **Pentabromophenol**

CAS Number: **608-71-9**

Date Report Requested: **09/18/2018**

Time Report Requested: **05:50:50**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	31 ± 2.3
1.0	
3.0	27 ± 1.8
10.0	33 ± 4.9
33.0	30 ± 1.3
100.0	26 ± 2.9
333.0	6 ± 6.0[s]
Trial Summary	Negative
Positive Control[3]	368 ± 24.7
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 Sodium Azide
3: 1.0 ug/Plate 2-Aminoanthracene
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 **