Experiment Number: **491562**

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

G06: Ames Summary Data

Test Compound: **o,p'-DDD**

CAS Number: **53-19-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **23:16:45**

NTP Study Number: 491562

Study Result: Negative

Experiment Number: **491562**

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

G06: Ames Summary Data

Test Compound: **o,p'-DDD**

CAS Number: **53-19-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **23:16:45**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	137 ± 5.9	100 ± 6.7	122 ± 5.8	118 ± 6.7	127 ± 6.6
0.1		96 ± 2.8			
0.3	117 ± 3.3	107 ± 10.4			
1.0	136 ± 1.0	89 ± 0.9	113 ± 6.9		130 ± 2.0
3.0				117 ± 5.4	
3.3	65 ± 5.8[s]	53 ± 3.8[s]	94 ± 2.8		122 ± 2.9
10.0	56 ± 5.5[s]	43 ± 0.7[s]	109 ± 2.4	123 ± 6.4	122 ± 5.8
33.0				102 ± 11.3	
33.3	0 ± 0.0[s]		106 ± 11.8		125 ± 5.4
100.0			97 ± 4.1	126 ± 19.7	142 ± 4.1
333.0				23 ± 2.7[s]	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			1565 ± 145.8	697 ± 67.4	2374 ± 52.6
Positive Control[3]	540 ± 17.5	464 ± 6.7			

Experiment Number: **491562**

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

G06: Ames Summary Data

Test Compound: **o,p'-DDD**

CAS Number: **53-19-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **23:16:45**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	94 ± 4.2
0.1	
0.3	
1.0	
3.0	101 ± 2.4
3.3	
10.0	101 ± 1.5
33.0	105 ± 4.7
33.3	
100.0	101 ± 6.7
333.0	0 ± 0.0[s]
Trial Summary	Negative
Positive Control[2]	2176 ± 25.0
Positive Control[3]	

Experiment Number: **491562**

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

G06: Ames Summary Data

Test Compound: **o,p'-DDD**

CAS Number: **53-19-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **23:16:45**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	23 ± 3.5	20 ± 1.2	12 ± 2.0	14 ± 0.6	9 ± 1.7
0.1		20 ± 3.5			
0.3	14 ± 0.9	20 ± 2.0			
1.0	15 ± 4.6	22 ± 1.7	7 ± 2.6		9 ± 3.1
3.0				11 ± 1.7	
3.3	17 ± 0.9	18 ± 2.8	8 ± 2.3		8 ± 3.5
10.0	16 ± 1.9	18 ± 3.2	10 ± 1.9	7 ± 1.5	8 ± 1.2
33.0				9 ± 1.5	
33.3	10 ± 2.2[s]		6 ± 0.3		8 ± 1.2
100.0			6 ± 0.9	8 ± 2.7	10 ± 3.0
333.0				7 ± 2.0	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]	550 ± 11.3	547 ± 25.5			
Positive Control[4]			104 ± 9.2	387 ± 22.4	574 ± 24.2

Experiment Number: **491562**

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

G06: Ames Summary Data

Test Compound: **o,p'-DDD**

CAS Number: **53-19-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **23:16:45**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	10 ± 1.5
0.1	
0.3	
1.0	
3.0	7 ± 0.7
3.3	
10.0	9 ± 2.3
33.0	6 ± 0.6
33.3	
100.0	7 ± 1.0
333.0	2 ± 0.7
Trial Summary	Negative
Positive Control[3]	
Positive Control[4]	585 ± 24.7

Experiment Number: **491562**

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

G06: Ames Summary Data

Test Compound: **o,p'-DDD**

CAS Number: **53-19-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **23:16:45**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	6 ± 0.3	5 ± 0.6	7 ± 0.3	6 ± 1.0	10 ± 2.7
0.1		4 ± 0.6			
0.3	17 ± 3.4	7 ± 1.0			
1.0	25 ± 0.7	6 ± 3.1	6 ± 1.8		9 ± 2.8
3.0				6 ± 0.3	
3.3	23 ± 2.3	3 ± 1.5	9 ± 1.7		7 ± 2.3
10.0	10 ± 3.4	5 ± 1.0[s]	5 ± 1.3	6 ± 1.0	10 ± 2.7
33.0				7 ± 0.6	
33.3	0 ± 0.0[s]		6 ± 1.2		5 ± 0.6
100.0			8 ± 2.6	8 ± 0.7	9 ± 1.5
333.0				5 ± 0.0[s]	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			40 ± 0.3	316 ± 46.2	435 ± 24.6
Positive Control[5]	373 ± 48.8	283 ± 29.5			

Experiment Number: **491562**

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

G06: Ames Summary Data

Test Compound: **o,p'-DDD**

CAS Number: **53-19-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **23:16:45**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	6 ± 1.2
0.1	
0.3	
1.0	
3.0	3 ± 0.3
3.3	
10.0	6 ± 0.6
33.0	11 ± 1.5
33.3	
100.0	7 ± 2.6
333.0	0 ± 0.0[s]
Trial Summary	Negative
Positive Control[4]	576 ± 34.3
Positive Control[5]	

Experiment Number: **491562**

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

G06: Ames Summary Data

Test Compound: **o,p'-DDD**

CAS Number: **53-19-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **23:16:45**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	35 ± 2.8	29 ± 4.6	40 ± 1.3	31 ± 1.9	55 ± 6.4
0.1		32 ± 4.9			
0.3	36 ± 6.5	29 ± 4.4			
1.0	30 ± 0.6	24 ± 3.8	47 ± 5.2		45 ± 4.3
3.0				33 ± 3.0	
3.3	11 ± 1.2	19 ± 4.5	48 ± 2.0		43 ± 3.5
10.0	7 ± 3.3[s]	13 ± 0.9[s]	33 ± 4.0	33 ± 3.7	40 ± 2.3
33.0				41 ± 2.6	
33.3	5 ± 0.6[s]		36 ± 2.3		50 ± 4.7
100.0			50 ± 4.1	42 ± 3.3	79 ± 6.1
333.0				44 ± 2.9	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			1192 ± 104.2	1443 ± 136.0	2081 ± 34.5
Positive Control[6]	945 ± 30.9	900 ± 17.3			

Experiment Number: **491562**

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

G06: Ames Summary Data

Test Compound: **o,p'-DDD**

CAS Number: **53-19-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **23:16:45**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	37 ± 2.3
0.1	
0.3	
1.0	
3.0	39 ± 0.7
3.3	
10.0	43 ± 4.5
33.0	37 ± 2.0
33.3	
100.0	38 ± 2.9
333.0	31 ± 4.1[s]
Trial Summary	Negative
Positive Control[2]	1942 ± 58.3
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: 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 **