Experiment Number: **391422**

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

G06: Ames Summary Data

Test Compound: **Methoxychlor**

CAS Number: **72-43-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **10:22:46**

NTP Study Number: 391422

Study Result: Negative

Experiment Number: **391422**

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

G06: Ames Summary Data

Test Compound: **Methoxychlor**

CAS Number: **72-43-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **10:22:46**

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 ± 8.5	133 ± 8.1	128 ± 1.0	128 ± 2.9	124 ± 14.8
100.0	146 ± 9.8	140 ± 8.8	130 ± 5.8	150 ± 5.3	125 ± 3.8
333.0	136 ± 10.3	151 ± 8.5	127 ± 4.2	138 ± 1.7	131 ± 2.4
1000.0	137 ± 2.0	161 ± 11.0	128 ± 7.8	140 ± 5.8	123 ± 2.7
3333.0	145 ± 8.1[p]	153 ± 6.6[p]	114 ± 6.6[p]	127 ± 7.4[p]	130 ± 5.5[p]
10000.0	150 ± 2.6[p]	156 ± 12.2[p]	117 ± 6.2[p]	126 ± 9.6[p]	128 ± 4.3[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					912 ± 50.7
Positive Control[3]			1271 ± 27.2	1011 ± 5.0	
Positive Control[4]	1201 ± 49.3	1281 ± 9.6			

Experiment Number: **391422**

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

G06: Ames Summary Data

Test Compound: **Methoxychlor**

CAS Number: **72-43-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **10:22:46**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	144 ± 3.7
100.0	136 ± 12.3
333.0	135 ± 5.2
1000.0	146 ± 9.5
3333.0	151 ± 11.5[p]
10000.0	178 ± 1.0[p]
Trial Summary	Negative
Positive Control[2]	1000 ± 16.6
Positive Control[3]	
Positive Control[4]	

Experiment Number: **391422**

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

G06: Ames Summary Data

Test Compound: **Methoxychlor**

CAS Number: **72-43-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **10:22:46**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	22 ± 5.0	29 ± 1.5	12 ± 1.7	14 ± 1.2	11 ± 3.2
100.0	30 ± 4.0	33 ± 3.7	7 ± 1.0	10 ± 1.2	15 ± 1.2
333.0	26 ± 3.2	40 ± 6.4	10 ± 1.5	10 ± 1.5	9 ± 1.8
1000.0	26 ± 3.1	32 ± 3.5	10 ± 2.3	16 ± 2.5	13 ± 3.4
3333.0	23 ± 3.2[p]	37 ± 1.0[p]	13 ± 2.0[p]	11 ± 1.2[p]	12 ± 1.2[p]
10000.0	23 ± 1.5[p]	27 ± 3.1[p]	12 ± 0.6[p]	14 ± 2.6[p]	11 ± 0.6[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					82 ± 7.9
Positive Control[3]			79 ± 5.7	76 ± 10.1	
Positive Control[4]	999 ± 35.4	953 ± 68.4			

Experiment Number: **391422**

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

G06: Ames Summary Data

Test Compound: **Methoxychlor**

CAS Number: **72-43-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **10:22:46**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	14 ± 2.0
100.0	17 ± 1.2
333.0	12 ± 0.6
1000.0	14 ± 0.3
3333.0	13 ± 2.0[p]
10000.0	19 ± 4.6[p]
Trial Summary	Negative
Positive Control[2]	73 ± 4.4
Positive Control[3]	
Positive Control[4]	

Experiment Number: **391422**

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

G06: Ames Summary Data

Test Compound: **Methoxychlor**

CAS Number: **72-43-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **10:22:46**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	4 ± 1.2	6 ± 1.2	6 ± 0.9	9 ± 0.3	10 ± 0.3
100.0	5 ± 2.2	7 ± 2.7	6 ± 0.6	10 ± 1.7	7 ± 2.5
333.0	4 ± 1.2	6 ± 1.7	8 ± 2.6	8 ± 1.5	5 ± 1.2
1000.0	3 ± 1.9	7 ± 1.8	7 ± 1.3	8 ± 1.5	7 ± 0.7
3333.0	4 ± 1.5[p]	6 ± 0.3[p]	12 ± 3.0[p]	10 ± 0.3[p]	9 ± 2.8[p]
10000.0	6 ± 0.7[p]	6 ± 3.2[p]	10 ± 2.0[p]	13 ± 1.8[p]	5 ± 0.7[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					106 ± 10.8
Positive Control[3]			132 ± 5.3	69 ± 6.5	
Positive Control[5]	374 ± 34.9	230 ± 35.6			

Experiment Number: **391422**

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

G06: Ames Summary Data

Test Compound: **Methoxychlor**

CAS Number: **72-43-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **10:22:46**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	7 ± 1.0
100.0	8 ± 0.7
333.0	7 ± 2.2
1000.0	6 ± 0.6
3333.0	8 ± 1.9[p]
10000.0	7 ± 2.7[p]
Trial Summary	Negative
Positive Control[2]	72 ± 2.0
Positive Control[3]	
Positive Control[5]	

Experiment Number: **391422**

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

G06: Ames Summary Data

Test Compound: **Methoxychlor**

CAS Number: **72-43-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **10:22:46**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	14 ± 2.1	15 ± 3.1	20 ± 0.9	27 ± 2.3	27 ± 0.9
100.0	14 ± 2.3	18 ± 1.8	27 ± 3.6	29 ± 0.3	28 ± 1.8
333.0	15 ± 4.1	22 ± 2.0	23 ± 2.4	24 ± 3.2	24 ± 2.1
1000.0	19 ± 5.5	16 ± 1.2	21 ± 1.8	32 ± 5.8	19 ± 1.7
3333.0	19 ± 1.2[p]	18 ± 0.7[p]	24 ± 2.3[p]	26 ± 1.3[p]	26 ± 1.5[p]
10000.0	17 ± 2.7[p]	20 ± 2.3[p]	29 ± 2.6[p]	21 ± 3.3[p]	24 ± 1.7[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					961 ± 32.4
Positive Control[3]			1033 ± 54.2	812 ± 51.8	
Positive Control[6]	1501 ± 58.4	1343 ± 26.9			

Experiment Number: **391422**

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

G06: Ames Summary Data

Test Compound: **Methoxychlor**

CAS Number: **72-43-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **10:22:46**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	41 ± 5.4
100.0	35 ± 1.0
333.0	25 ± 1.5
1000.0	31 ± 3.5
3333.0	38 ± 1.5[p]
10000.0	35 ± 6.9[p]
Trial Summary	Negative
Positive Control[2]	942 ± 23.7
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: 80.0 ug/Plate 9-Aminoacridine
6: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine
p: Precipitate

** END OF REPORT **