Experiment Number: **860923**

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

G06: Ames Summary Data

Test Compound: **Amsco solvent F**

CAS Number: **142582-74-9**

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

Time Report Requested: **13:39:26**

NTP Study Number: 860923

Study Result: Negative

Experiment Number: **860923**

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

G06: Ames Summary Data

Test Compound: **Amsco solvent F**

CAS Number: **142582-74-9**

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

Time Report Requested: **13:39:26**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	116 ± 2.3	111 ± 8.0	115 ± 0.9	145 ± 5.2	103 ± 1.7
0.1		110 ± 1.8			
0.3	102 ± 9.2	129 ± 8.6			
1.0	109 ± 6.3	116 ± 5.9			
3.3	110 ± 3.1	106 ± 11.0	116 ± 9.0	139 ± 8.2	108 ± 7.1
10.0	101 ± 4.4	108 ± 5.2	127 ± 9.9	125 ± 1.2	106 ± 2.2
33.0	81 ± 11.0[s]		106 ± 3.5	137 ± 2.8	104 ± 3.5
100.0			119 ± 1.8	133 ± 6.4	99 ± 8.5
333.0			96 ± 4.5[s]	103 ± 9.2[s]	98 ± 3.1[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					404 ± 7.6
Positive Control[3]	367 ± 2.3	478 ± 13.3			
Positive Control[4]			904 ± 41.3		
Positive Control[5]					
Positive Control[6]				1610 ± 5.3	

Experiment Number: **860923**

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

G06: Ames Summary Data

Test Compound: **Amsco solvent F**

CAS Number: **142582-74-9**

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

Time Report Requested: **13:39:26**

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	114 ± 5.7
0.1	
0.3	
1.0	
3.3	110 ± 9.5
10.0	109 ± 7.0
33.0	123 ± 0.6
100.0	103 ± 6.9
333.0	90 ± 5.4[s]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	
Positive Control[4]	
Positive Control[5]	860 ± 59.7
Positive Control[6]	

Experiment Number: **860923**

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

G06: Ames Summary Data

Test Compound: **Amsco solvent F**

CAS Number: **142582-74-9**

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

Time Report Requested: **13:39:26**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	33 ± 4.3	27 ± 2.9	19 ± 3.4	17 ± 2.1	15 ± 1.5
0.1		25 ± 0.3			
0.3	31 ± 4.1	29 ± 2.4			
1.0	26 ± 3.9	24 ± 0.7			
3.3	21 ± 2.9	17 ± 1.2	19 ± 0.3	13 ± 2.2	14 ± 2.9
10.0	23 ± 0.9	21 ± 1.8	20 ± 3.6	13 ± 2.8	16 ± 0.6
33.0	12 ± 2.0[s]		15 ± 0.7	14 ± 2.4	19 ± 3.4
100.0			13 ± 2.2	16 ± 2.7	15 ± 1.5
333.0			11 ± 2.4[s]	7 ± 1.0[s]	10 ± 2.1[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					85 ± 6.2
Positive Control[3]	301 ± 20.3	283 ± 4.3			
Positive Control[5]					
Positive Control[6]			379 ± 3.5	122 ± 8.4	

Experiment Number: **860923**

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

G06: Ames Summary Data

Test Compound: **Amsco solvent F**

CAS Number: **142582-74-9**

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

Time Report Requested: **13:39:26**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	14 ± 1.5
0.1	
0.3	
1.0	
3.3	14 ± 1.8
10.0	15 ± 1.2
33.0	14 ± 1.8
100.0	10 ± 2.8
333.0	12 ± 1.5
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	
Positive Control[5]	151 ± 7.5
Positive Control[6]	

Experiment Number: **860923**

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

G06: Ames Summary Data

Test Compound: **Amsco solvent F**

CAS Number: **142582-74-9**

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

Time Report Requested: **13:39:26**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	94 ± 3.2	121 ± 7.0	148 ± 7.8	175 ± 19.1	139 ± 7.2
0.1		138 ± 15.2			
0.3	82 ± 9.1	134 ± 8.2			
1.0	100 ± 4.4	128 ± 6.0			
3.3	89 ± 5.2	132 ± 0.9	155 ± 10.9	188 ± 11.5	126 ± 9.2
10.0	73 ± 4.0[s]	139 ± 8.7	146 ± 5.6	171 ± 10.5	128 ± 7.0
33.0	33 ± 16.4[s]		139 ± 6.4	177 ± 12.9	120 ± 1.8
100.0			142 ± 4.0	180 ± 16.5	116 ± 8.4
333.0			113 ± 5.8[s]	154 ± 12.7[s]	86 ± 9.5[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[7]	285 ± 21.4	429 ± 2.1			
Positive Control[4]					718 ± 5.5
Positive Control[6]			2210 ± 83.5	517 ± 13.7	

Experiment Number: **860923**

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

G06: Ames Summary Data

Test Compound: **Amsco solvent F**

CAS Number: **142582-74-9**

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

Time Report Requested: **13:39:26**

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	95 ± 5.3
0.1	
0.3	
1.0	
3.3	125 ± 2.3
10.0	120 ± 10.9
33.0	112 ± 9.5
100.0	115 ± 0.9
333.0	98 ± 11.7[s]
Trial Summary	Negative
Positive Control[7]	
Positive Control[4]	
Positive Control[6]	862 ± 17.7

Experiment Number: **860923**

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

G06: Ames Summary Data

Test Compound: **Amsco solvent F**

CAS Number: **142582-74-9**

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

Time Report Requested: **13:39:26**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	23 ± 3.9	17 ± 2.3	23 ± 1.2	34 ± 0.6	31 ± 2.9
0.1		17 ± 1.8			
0.3	24 ± 2.9	14 ± 3.0			
1.0	17 ± 3.0	15 ± 1.7			
3.3	22 ± 1.5	18 ± 1.8	29 ± 3.2	36 ± 0.3	26 ± 1.9
10.0	19 ± 3.7	16 ± 2.0	28 ± 1.5	37 ± 2.3	32 ± 3.0
33.0	19 ± 1.9[s]		23 ± 3.5	36 ± 3.1	31 ± 4.8
100.0			13 ± 2.1	34 ± 1.2	29 ± 2.1
333.0			18 ± 1.9[s]	24 ± 4.4[s]	29 ± 2.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			279 ± 9.4		303 ± 11.0
Positive Control[5]				387 ± 18.0	
Positive Control[8]	306 ± 20.9	366 ± 14.1			

Experiment Number: **860923**

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

G06: Ames Summary Data

Test Compound: **Amsco solvent F**

CAS Number: **142582-74-9**

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

Time Report Requested: **13:39:26**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	35 ± 4.3
0.1	
0.3	
1.0	
3.3	31 ± 2.7
10.0	31 ± 4.2
33.0	34 ± 5.3
100.0	31 ± 2.9
333.0	31 ± 2.0[s]
Trial Summary	Negative
Positive Control[2]	
Positive Control[5]	390 ± 5.0
Positive Control[8]	

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: Acetone
2: 0.4 ug/Plate 2-Aminoanthracene
3: 0.5 ug/Plate Sodium Azide
4: 0.75 ug/Plate 2-Aminoanthracene
5: 1.0 ug/Plate 2-Aminoanthracene
6: 2.0 ug/Plate 2-Aminoanthracene
7: 0.05 ug/Plate Icr-191
8: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine
s: Slight Toxicity

** END OF REPORT **