NTP Study Number: 747155

Study Result: Positive

Experiment Number: **747155**

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

G06: Ames Summary Data

Test Compound: **Sulfallate**

CAS Number: **95-06-7**

Date Report Requested: **09/17/2018**

Time Report Requested: **10:15:00**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	131 ± 3.8	125 ± 3.8	123 ± 4.8	77 ± 2.6	139 ± 6.5
0.3		118 ± 6.6			
1.0	149 ± 7.0	120 ± 12.5		125 ± 1.2	
3.3	138 ± 13.8	121 ± 9.8	206 ± 0.9		171 ± 7.2
10.0	142 ± 4.7	133 ± 2.8	406 ± 16.8	382 ± 5.2	319 ± 7.6
33.0	156 ± 2.6[s]	142 ± 4.3[s]	1396 ± 28.2	1308 ± 34.0	788 ± 33.3
67.0				2245 ± 51.5	
100.0	136 ± 6.0[s]		2020 ± 17.2[s]	2365 ± 16.3	694 ± 12.9[s]
333.0			Toxic		452 ± 52.5[s]
Trial Summary	Negative	Negative	Positive	Positive	Positive
Positive Control[2]					2576 ± 164.2
Positive Control[3]			1291 ± 211.9	1369 ± 45.8	
Positive Control[4]	2121 ± 93.6	2220 ± 63.4			

Experiment Number: **747155**

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

G06: Ames Summary Data

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Date Report Requested: **09/17/2018**

Time Report Requested: **10:15:00**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	84 ± 6.3
0.3	
1.0	131 ± 7.1
3.3	
10.0	322 ± 10.5
33.0	789 ± 44.5
67.0	1142 ± 29.4
100.0	1267 ± 46.1
333.0	
Trial Summary	Positive
Positive Control[2]	1434 ± 72.8
Positive Control[3]	
Positive Control[4]	

Experiment Number: **747155**

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

G06: Ames Summary Data

Test Compound: **Sulfallate**

CAS Number: **95-06-7**

Date Report Requested: **09/17/2018**

Time Report Requested: **10:15:00**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	30 ± 3.0	41 ± 1.8	11 ± 1.9	10 ± 2.0	11 ± 1.2
0.3		37 ± 8.0			
1.0	35 ± 1.9	40 ± 10.7		15 ± 0.3	
3.3	32 ± 5.4	40 ± 1.8	33 ± 1.8		24 ± 2.2
10.0	22 ± 3.5	37 ± 4.6	73 ± 2.9	78 ± 6.6	52 ± 1.5
33.0	25 ± 2.4[s]	23 ± 4.7[s]	310 ± 19.7	310 ± 10.4	187 ± 21.2
67.0				432 ± 9.6	
100.0	23 ± 0.9[s]		538 ± 15.1[s]	484 ± 6.7	173 ± 8.1[s]
333.0			Toxic		53 ± 8.5[s]
Trial Summary	Negative	Negative	Positive	Positive	Positive
Positive Control[2]					179 ± 5.8
Positive Control[3]			145 ± 15.7	53 ± 3.5	
Positive Control[4]	1420 ± 19.8	1636 ± 101.0			

Experiment Number: **747155**

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

G06: Ames Summary Data

Test Compound: **Sulfallate**

CAS Number: **95-06-7**

Date Report Requested: **09/17/2018**

Time Report Requested: **10:15:00**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	19 ± 2.9
0.3	
1.0	18 ± 2.6
3.3	
10.0	53 ± 3.5
33.0	192 ± 2.7
67.0	221 ± 1.2
100.0	194 ± 5.2
333.0	
Trial Summary	Positive
Positive Control[2]	153 ± 7.2
Positive Control[3]	
Positive Control[4]	

Experiment Number: **747155**

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

G06: Ames Summary Data

Test Compound: **Sulfallate**

CAS Number: **95-06-7**

Date Report Requested: **09/17/2018**

Time Report Requested: **10:15:00**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	7 ± 1.0	6 ± 1.0	9 ± 1.0	7 ± 1.5	8 ± 2.8
0.3		6 ± 2.3			
1.0	8 ± 0.9	6 ± 1.0		6 ± 2.4	
3.3	6 ± 1.3	8 ± 1.5	12 ± 1.5		9 ± 0.9
10.0	7 ± 2.8	3 ± 0.3	6 ± 2.0	9 ± 0.9	8 ± 2.3
33.0	11 ± 3.5[s]	5 ± 1.8[s]	9 ± 2.8	7 ± 3.5	8 ± 1.0
67.0				7 ± 1.2	
100.0	7 ± 0.9[s]		8 ± 2.2[s]	5 ± 1.2[s]	7 ± 0.3[s]
333.0			5 ± 1.2[s]		8 ± 2.2[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					212 ± 18.0
Positive Control[3]			143 ± 8.6	83 ± 7.2	
Positive Control[5]	569 ± 19.6	485 ± 64.9			

Experiment Number: **747155**

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

G06: Ames Summary Data

Test Compound: **Sulfallate**

CAS Number: **95-06-7**

Date Report Requested: **09/17/2018**

Time Report Requested: **10:15:00**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	8 ± 1.0
0.3	
1.0	8 ± 1.5
3.3	
10.0	9 ± 3.3
33.0	9 ± 0.7
67.0	8 ± 2.7
100.0	9 ± 2.2
333.0	
Trial Summary	Negative
Positive Control[2]	196 ± 20.3
Positive Control[3]	
Positive Control[5]	

Experiment Number: **747155**

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

G06: Ames Summary Data

Test Compound: **Sulfallate**

CAS Number: **95-06-7**

Date Report Requested: **09/17/2018**

Time Report Requested: **10:15:00**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	25 ± 1.8	15 ± 0.9	38 ± 5.5	21 ± 2.1	32 ± 1.7
0.3		17 ± 4.7			
1.0	15 ± 0.6	15 ± 0.7		25 ± 4.4	
3.3	19 ± 1.5	15 ± 1.2	33 ± 1.5		30 ± 3.2
10.0	23 ± 1.8	13 ± 0.6	35 ± 4.2	31 ± 0.9	39 ± 3.1
33.0	20 ± 2.1[s]	11 ± 0.7	50 ± 3.0	40 ± 4.3	48 ± 3.2
67.0				47 ± 5.9	
100.0	20 ± 0.9[s]		72 ± 0.9	58 ± 4.2	43 ± 5.4
333.0			54 ± 4.9[s]		40 ± 2.3[s]
Trial Summary	Negative	Negative	Equivocal	Positive	Equivocal
Positive Control[2]					1767 ± 186.6
Positive Control[3]			1050 ± 39.7	837 ± 75.7	
Positive Control[6]	1533 ± 46.2	1474 ± 39.3			

Experiment Number: **747155**

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

G06: Ames Summary Data

Test Compound: **Sulfallate**

CAS Number: **95-06-7**

Date Report Requested: **09/17/2018**

Time Report Requested: **10:15:00**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	27 ± 1.5
0.3	
1.0	21 ± 0.3
3.3	
10.0	30 ± 3.1
33.0	35 ± 0.7
67.0	41 ± 1.7
100.0	43 ± 3.0
333.0	
Trial Summary	Equivocal
Positive Control[2]	1855 ± 100.9
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
s: Slight Toxicity

** END OF REPORT **