Experiment Number: **678673**

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

G06: Ames Summary Data

Test Compound: **Chloropicrin**

CAS Number: **76-06-2**

Date Report Requested: **09/12/2018**

Time Report Requested: **06:47:42**

NTP Study Number: 678673

Study Result: Positive

Experiment Number: **678673**

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

G06: Ames Summary Data

Test Compound: **Chloropicrin**

CAS Number: **76-06-2**

Date Report Requested: **09/12/2018**

Time Report Requested: **06:47:42**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	102 ± 5.6	91 ± 3.1	112 ± 2.5	73 ± 2.7	117 ± 4.6
0.03	108 ± 10.0				
0.1	107 ± 4.8	77 ± 4.0			
0.3	121 ± 3.5	86 ± 4.7			
1.0	119 ± 15.1	95 ± 5.0	102 ± 6.7	101 ± 4.7	130 ± 2.3
3.3	145 ± 8.8	94 ± 7.5	110 ± 1.2	127 ± 5.2	143 ± 9.9
10.0		104 ± 2.9	146 ± 9.2	158 ± 5.8	183 ± 4.1
33.3			201 ± 14.2	247 ± 9.0	281 ± 10.6
100.0			205 ± 10.9	266 ± 10.3	119 ± 33.2[s]
Trial Summary	Equivocal	Negative	Positive	Positive	Positive
Positive Control[2]			408 ± 17.8	553 ± 16.5	1464 ± 84.3
Positive Control[3]	281 ± 4.9	194 ± 10.4			

Experiment Number: **678673**

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

G06: Ames Summary Data

Test Compound: **Chloropicrin**

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Date Report Requested: **09/12/2018**

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	88 ± 8.1
0.03	
0.1	
0.3	
1.0	94 ± 10.4
3.3	112 ± 5.7
10.0	155 ± 14.9
33.3	234 ± 14.4
100.0	225 ± 10.2
Trial Summary	Positive
Positive Control[2]	1571 ± 35.4
Positive Control[3]	

Experiment Number: **678673**

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

G06: Ames Summary Data

Test Compound: **Chloropicrin**

CAS Number: **76-06-2**

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Time Report Requested: **06:47:42**

Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	12 ± 2.5	13 ± 1.8	5 ± 0.7
0.03	16 ± 0.3		
0.1	13 ± 2.3		
0.3	11 ± 2.3		
1.0	12 ± 1.8	6 ± 1.0	6 ± 0.9
3.3	15 ± 1.8	9 ± 0.9	6 ± 0.0
10.0		7 ± 1.2	7 ± 1.5
33.3		8 ± 3.1	11 ± 2.5
100.0		10 ± 1.7	7 ± 0.9
Trial Summary	Negative	Negative	Negative
Positive Control[3]	170 ± 3.9		
Positive Control[4]		163 ± 12.4	333 ± 16.4

Experiment Number: **678673**

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

G06: Ames Summary Data

Test Compound: **Chloropicrin**

CAS Number: **76-06-2**

Date Report Requested: **09/12/2018**

Time Report Requested: **06:47:42**

Strain: TA1537

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	4 ± 0.0	4 ± 1.2	6 ± 1.0
0.03	5 ± 1.5		
0.1	5 ± 0.9		
0.3	5 ± 0.3		
1.0	6 ± 2.2	5 ± 1.9	5 ± 1.2
3.3	6 ± 1.2	8 ± 0.6	4 ± 0.7
10.0		5 ± 1.7	4 ± 0.3
33.3		7 ± 3.5	6 ± 0.9
100.0		5 ± 1.2	6 ± 1.0
Trial Summary	Negative	Negative	Negative
Positive Control[4]		81 ± 12.7	251 ± 3.8
Positive Control[5]	122 ± 40.0		

Experiment Number: **678673**

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

G06: Ames Summary Data

Test Compound: **Chloropicrin**

CAS Number: **76-06-2**

Date Report Requested: **09/12/2018**

Time Report Requested: **06:47:42**

Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	22 ± 1.0	32 ± 2.3	31 ± 5.3
0.03	22 ± 3.7		
0.1	23 ± 3.3		
0.3	29 ± 1.2		
1.0	24 ± 4.4	26 ± 0.7	25 ± 0.9
3.3	24 ± 4.1	31 ± 5.8	33 ± 2.9
10.0		20 ± 4.1	28 ± 3.5
33.3		28 ± 1.9	37 ± 0.3
100.0		25 ± 0.9	35 ± 1.5
Trial Summary	Negative	Negative	Negative
Positive Control[2]		222 ± 30.0	1196 ± 47.3
Positive Control[6]	438 ± 3.5		

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 **