Experiment Number: **929580**

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

G06: Ames Summary Data

Test Compound: **Dichloroisocyanuric acid**

CAS Number: **2782-57-2**

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

Time Report Requested: **07:55:55**

NTP Study Number: 929580

Study Result: Negative

Experiment Number: **929580**

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

G06: Ames Summary Data

Test Compound: **Dichloroisocyanuric acid**

CAS Number: **2782-57-2**

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

Time Report Requested: **07:55:55**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	113 ± 14.4	111 ± 6.7	134 ± 11.1	96 ± 6.2	100 ± 7.9
0.03		96 ± 4.7			
0.1	131 ± 4.7	95 ± 2.1			
0.3	130 ± 6.4	106 ± 11.5			
1.0	114 ± 6.6	104 ± 12.0			
3.0	156 ± 7.1	101 ± 4.7	110 ± 8.7	93 ± 4.0	123 ± 8.1
10.0	0 ± 0.0[s]		123 ± 7.4	102 ± 14.7	104 ± 4.5
33.0			109 ± 3.5	104 ± 11.6	123 ± 4.7
100.0			138 ± 3.5	100 ± 5.2	134 ± 6.3
166.0					
333.0			124 ± 12.4	88 ± 1.3[s]	79 ± 13.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			1638 ± 60.4	491 ± 19.1	2174 ± 37.4
Positive Control[3]	293 ± 18.3	481 ± 24.7			

Experiment Number: **929580**

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

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	95 ± 7.3
0.03	
0.1	
0.3	
1.0	
3.0	113 ± 5.8
10.0	83 ± 8.7
33.0	83 ± 4.3
100.0	79 ± 4.6
166.0	89 ± 4.2
333.0	
Trial Summary	Negative
Positive Control[2]	1071 ± 51.0
Positive Control[3]	

Experiment Number: **929580**

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

G06: Ames Summary Data

Test Compound: **Dichloroisocyanuric acid**

CAS Number: **2782-57-2**

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

Time Report Requested: **07:55:55**

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 ± 2.2	28 ± 4.8	7 ± 1.2	7 ± 0.9	8 ± 3.2
0.03		22 ± 4.4			
0.1	22 ± 2.0	18 ± 1.2			
0.3	22 ± 1.8	27 ± 2.8			
1.0	20 ± 3.5	17 ± 2.5			
3.0	16 ± 1.2	12 ± 5.6	8 ± 0.3	7 ± 1.2	7 ± 0.6
10.0	0 ± 0.0[s]		8 ± 0.9	7 ± 0.9	8 ± 2.3
33.0			9 ± 1.7	6 ± 1.0	11 ± 1.8
100.0			10 ± 2.7	7 ± 1.5	11 ± 2.2
166.0					
333.0			10 ± 1.5	7 ± 3.3[s]	0 ± 0.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]	404 ± 28.2	427 ± 11.6			
Positive Control[4]			535 ± 23.0	136 ± 10.9	691 ± 15.2

Experiment Number: **929580**

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

G06: Ames Summary Data

Test Compound: **Dichloroisocyanuric acid**

CAS Number: **2782-57-2**

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

Time Report Requested: **07:55:55**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	10 ± 1.8
0.03	
0.1	
0.3	
1.0	
3.0	6 ± 0.6
10.0	6 ± 0.0
33.0	7 ± 0.6
100.0	9 ± 2.0
166.0	11 ± 0.7
333.0	
Trial Summary	Negative
Positive Control[3]	
Positive Control[4]	331 ± 20.1

Experiment Number: **929580**

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

G06: Ames Summary Data

Test Compound: **Dichloroisocyanuric acid**

CAS Number: **2782-57-2**

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

Time Report Requested: **07:55:55**

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 ± 0.9	6 ± 1.2	6 ± 0.3	6 ± 1.2	9 ± 2.2
0.03		5 ± 0.6			
0.1	5 ± 2.1	6 ± 1.5			
0.3	3 ± 0.9	7 ± 1.9			
1.0	5 ± 0.6	6 ± 1.5			
3.0	8 ± 0.9	7 ± 1.7	5 ± 1.5	9 ± 0.7	5 ± 1.5
10.0	0 ± 0.0[s]		4 ± 1.9	7 ± 0.7	7 ± 0.9
33.0			6 ± 0.9	6 ± 0.6	9 ± 2.0
100.0			5 ± 1.2	8 ± 1.2	9 ± 2.3
166.0					
333.0			4 ± 1.5	1 ± 1.0[s]	0 ± 0.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			509 ± 19.9	141 ± 12.3	125 ± 7.3
Positive Control[5]	443 ± 51.6	222 ± 11.1			

Experiment Number: **929580**

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

G06: Ames Summary Data

Test Compound: **Dichloroisocyanuric acid**

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

Time Report Requested: **07:55:55**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	4 ± 0.0
0.03	
0.1	
0.3	
1.0	
3.0	7 ± 1.5
10.0	7 ± 2.0
33.0	7 ± 1.8
100.0	6 ± 1.2
166.0	6 ± 1.0
333.0	
Trial Summary	Negative
Positive Control[4]	224 ± 47.5
Positive Control[5]	

Experiment Number: **929580**

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

G06: Ames Summary Data

Test Compound: **Dichloroisocyanuric acid**

CAS Number: **2782-57-2**

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

Time Report Requested: **07:55:55**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	17 ± 1.2	22 ± 4.3	30 ± 9.0	14 ± 2.3	28 ± 2.2
0.03		16 ± 2.1			
0.1	15 ± 3.0	15 ± 1.8			
0.3	13 ± 0.7	16 ± 3.5			
1.0	18 ± 0.9	14 ± 1.7			
3.0	15 ± 2.3	17 ± 1.8	29 ± 3.8	29 ± 4.0	27 ± 1.8
10.0	5 ± 5.0[s]		20 ± 2.0	29 ± 2.6	31 ± 2.6
33.0			19 ± 1.7	27 ± 4.6	29 ± 0.9
100.0			28 ± 1.3	30 ± 3.5	26 ± 2.5
333.0			10 ± 4.5	0 ± 0.0[s]	0 ± 0.0[s]
Trial Summary	Negative	Negative	Negative	Equivocal	Negative
Positive Control[2]			1221 ± 9.9	465 ± 14.7	1901 ± 39.4
Positive Control[6]	431 ± 38.4	620 ± 54.5			

Experiment Number: **929580**

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

G06: Ames Summary Data

Test Compound: **Dichloroisocyanuric acid**

CAS Number: **2782-57-2**

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

Time Report Requested: **07:55:55**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	21 ± 3.6
0.03	
0.1	
0.3	
1.0	
3.0	27 ± 0.7
10.0	26 ± 0.6
33.0	25 ± 4.1
100.0	25 ± 4.3
333.0	19 ± 1.3
Trial Summary	Negative
Positive Control[2]	926 ± 57.1
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: Acetone
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 **