Experiment Number: **995372**

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

G06: Ames Summary Data

Test Compound: **Chlorendic acid**

CAS Number: **115-28-6**

Date Report Requested: **09/18/2018**

Time Report Requested: **08:28:42**

NTP Study Number: 995372

Study Result: Negative

Experiment Number: **995372**

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

G06: Ames Summary Data

Test Compound: **Chlorendic acid**

CAS Number: **115-28-6**

Date Report Requested: **09/18/2018**

Time Report Requested: **08:28:42**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	95 ± 3.0	102 ± 3.5	131 ± 24.4	135 ± 2.2	132 ± 17.6
100.0	82 ± 10.8	98 ± 5.0	154 ± 2.0	136 ± 11.3	163 ± 11.1
333.0	106 ± 3.8	106 ± 10.1	158 ± 5.5	140 ± 13.3	156 ± 4.5
1000.0	87 ± 3.3	104 ± 6.4	135 ± 6.8	139 ± 2.6	126 ± 5.9
3333.0	99 ± 23.5	92 ± 7.0	144 ± 3.0	137 ± 5.9	123 ± 3.4
7690.0	58 ± 28.9	91 ± 1.2[p]	190 ± 3.7[p]	172 ± 13.3[p]	146 ± 4.0[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			1671 ± 149.6	1439 ± 31.5	1319 ± 29.7
Positive Control[3]	421 ± 120.6	511 ± 14.7			

Experiment Number: **995372**

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Test Compound: **Chlorendic acid**

CAS Number: **115-28-6**

Date Report Requested: **09/18/2018**

Time Report Requested: **08:28:42**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	134 ± 2.0
100.0	151 ± 8.7
333.0	153 ± 6.4
1000.0	128 ± 0.9
3333.0	134 ± 4.9
7690.0	141 ± 3.4[p]
Trial Summary	Negative
Positive Control[2]	1212 ± 23.5
Positive Control[3]	

Experiment Number: **995372**

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

G06: Ames Summary Data

Test Compound: **Chlorendic acid**

CAS Number: **115-28-6**

Date Report Requested: **09/18/2018**

Time Report Requested: **08:28:42**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	11 ± 3.2	10 ± 0.9	13 ± 3.3	9 ± 2.3	17 ± 4.7
100.0	22 ± 2.7	10 ± 4.4	18 ± 2.0	11 ± 1.5	14 ± 1.2
333.0	27 ± 2.3	13 ± 5.4	18 ± 3.3	10 ± 2.1	17 ± 1.8
1000.0	12 ± 2.4	8 ± 1.8	17 ± 1.7	12 ± 1.5	11 ± 1.3
3333.0	13 ± 2.2	10 ± 0.9	27 ± 3.7	12 ± 3.8	13 ± 1.2
7690.0	21 ± 1.8[p]	10 ± 4.7[p]	17 ± 3.1[p]	9 ± 2.0[p]	16 ± 1.5[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			175 ± 12.1	103 ± 7.5	138 ± 6.1
Positive Control[3]	1032 ± 17.2	408 ± 6.9			

Experiment Number: **995372**

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

G06: Ames Summary Data

Test Compound: **Chlorendic acid**

CAS Number: **115-28-6**

Date Report Requested: **09/18/2018**

Time Report Requested: **08:28:42**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	13 ± 2.1
100.0	13 ± 0.9
333.0	12 ± 0.3
1000.0	10 ± 1.2
3333.0	11 ± 0.6
7690.0	13 ± 0.7[p]
Trial Summary	Negative
Positive Control[2]	57 ± 3.5
Positive Control[3]	

Experiment Number: **995372**

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

G06: Ames Summary Data

Test Compound: **Chlorendic acid**

CAS Number: **115-28-6**

Date Report Requested: **09/18/2018**

Time Report Requested: **08:28:42**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	3 ± 1.0	3 ± 0.3	8 ± 1.2	4 ± 1.8	9 ± 1.0
100.0	4 ± 0.6	3 ± 1.5	5 ± 0.5	5 ± 1.0	7 ± 0.9
333.0	5 ± 0.9	4 ± 1.2	8 ± 1.2	5 ± 1.2	17 ± 1.5
1000.0	6 ± 1.0	4 ± 1.5	6 ± 0.3	3 ± 0.7	13 ± 0.6
3333.0	4 ± 0.9	3 ± 0.7	9 ± 0.6	5 ± 1.2	Toxic
7690.0	6 ± 1.7	Toxic	6 ± 0.7[p]	4 ± 0.9	9 ± 0.9[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			86 ± 19.6	89 ± 7.4	85 ± 7.9
Positive Control[4]	775 ± 66.2	769 ± 48.3			

Experiment Number: **995372**

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

G06: Ames Summary Data

Test Compound: **Chlorendic acid**

CAS Number: **115-28-6**

Date Report Requested: **09/18/2018**

Time Report Requested: **08:28:42**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	5 ± 1.2
100.0	5 ± 1.0
333.0	6 ± 0.9
1000.0	6 ± 0.9
3333.0	6 ± 0.9
7690.0	4 ± 1.0
Trial Summary	Negative
Positive Control[2]	135 ± 7.7
Positive Control[4]	

Experiment Number: **995372**

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

G06: Ames Summary Data

Test Compound: **Chlorendic acid**

CAS Number: **115-28-6**

Date Report Requested: **09/18/2018**

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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 ± 1.8	20 ± 3.3	20 ± 2.6	26 ± 4.2	27 ± 2.8
100.0	17 ± 2.0	15 ± 3.2	20 ± 1.2	24 ± 2.3	26 ± 3.7
333.0	16 ± 1.2	15 ± 2.6	29 ± 1.5	31 ± 5.5	25 ± 2.2
1000.0	15 ± 1.5	14 ± 2.0	24 ± 4.0	27 ± 1.9	29 ± 2.4
3333.0	26 ± 2.3	20 ± 5.6	31 ± 7.0	35 ± 2.4	23 ± 2.6
7690.0	15 ± 1.5	13 ± 2.6[p]	13 ± 0.6[p]	29 ± 5.9[p]	18 ± 1.7[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			1153 ± 33.2	900 ± 36.6	1233 ± 87.7
Positive Control[5]	170 ± 5.2	206 ± 7.9			

Experiment Number: **995372**

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

G06: Ames Summary Data

Test Compound: **Chlorendic acid**

CAS Number: **115-28-6**

Date Report Requested: **09/18/2018**

Time Report Requested: **08:28:42**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	56 ± 4.2
100.0	70 ± 8.3
333.0	61 ± 6.6
1000.0	63 ± 1.7
3333.0	70 ± 10.9
7690.0	63 ± 13.2[p]
Trial Summary	Negative
Positive Control[2]	926 ± 34.4
Positive Control[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: 3.3 ug/Plate Sodium Azide
4: 33.0 ug/Plate 9-Aminoacridine
5: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine
p: Precipitate

** END OF REPORT **