Experiment Number: **447840**

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

G06: Ames Summary Data

Test Compound: **Chlorpromazine hydrochloride**

CAS Number: **69-09-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **03:17:26**

NTP Study Number: 447840

Study Result: Negative

Experiment Number: **447840**

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

G06: Ames Summary Data

Test Compound: **Chlorpromazine hydrochloride**

CAS Number: **69-09-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **03:17:26**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	120 ± 5.0	147 ± 4.4	127 ± 11.5	118 ± 7.9	136 ± 4.8
1.0	142 ± 6.0	135 ± 11.0			
3.0	146 ± 7.6	150 ± 16.2	147 ± 11.1	142 ± 8.6	148 ± 9.7
10.0	128 ± 13.9	139 ± 7.9	138 ± 7.2	174 ± 5.8	150 ± 12.3
33.0	129 ± 7.8	137 ± 1.5	136 ± 8.4	167 ± 10.7	132 ± 9.4
100.0	57 ± 9.0[s]	144 ± 2.7	96 ± 9.7[s]	164 ± 4.0	149 ± 0.9
333.0			Toxic	70 ± 13.3[s]	104 ± 10.1[s]
Trial Summary	Negative	Negative	Negative	Equivocal	Negative
Positive Control[2]			601 ± 37.7	423 ± 3.6	1401 ± 53.4
Positive Control[3]	410 ± 27.1	641 ± 13.0			

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Date Report Requested: **09/11/2018**

Time Report Requested: **03:17:26**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	139 ± 7.6
1.0	
3.0	158 ± 10.8
10.0	152 ± 13.1
33.0	158 ± 3.5
100.0	138 ± 13.6
333.0	115 ± 7.2
Trial Summary	Negative
Positive Control[2]	1088 ± 9.3
Positive Control[3]	

Experiment Number: **447840**

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

G06: Ames Summary Data

Test Compound: **Chlorpromazine hydrochloride**

CAS Number: **69-09-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **03:17:26**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	21 ± 2.3	28 ± 5.4	9 ± 1.7	16 ± 1.9	8 ± 0.7
1.0	20 ± 7.8	28 ± 1.3			
3.0	18 ± 3.3	31 ± 6.4	13 ± 2.0	10 ± 2.3	5 ± 1.0
10.0	23 ± 3.9	31 ± 4.4	16 ± 1.8	11 ± 3.0	7 ± 0.3
33.0	19 ± 1.5	31 ± 3.5	10 ± 1.9	12 ± 4.2	6 ± 1.5
100.0	7 ± 1.9[s]	28 ± 1.8	12 ± 1.9	8 ± 2.2	12 ± 2.2
333.0			0 ± 0.0[s]	5 ± 2.3[s]	4 ± 0.6[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]	406 ± 4.0	564 ± 14.2			
Positive Control[4]			163 ± 12.2	157 ± 15.9	309 ± 8.7

Experiment Number: **447840**

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

G06: Ames Summary Data

Test Compound: **Chlorpromazine hydrochloride**

CAS Number: **69-09-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **03:17:26**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	15 ± 4.9
1.0	
3.0	15 ± 5.0
10.0	8 ± 1.0
33.0	14 ± 2.0
100.0	11 ± 3.3
333.0	8 ± 0.9
Trial Summary	Negative
Positive Control[3]	
Positive Control[4]	477 ± 5.5

Experiment Number: **447840**

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

G06: Ames Summary Data

Test Compound: **Chlorpromazine hydrochloride**

CAS Number: **69-09-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **03:17:26**

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 ± 0.9	4 ± 0.3	7 ± 1.0	4 ± 1.2	8 ± 1.9
1.0	9 ± 3.7	8 ± 3.3			
3.0	7 ± 2.6	7 ± 1.2	7 ± 3.1	13 ± 0.3	5 ± 1.5
10.0	5 ± 1.3	6 ± 0.6	8 ± 1.9	14 ± 0.6	9 ± 2.6
33.0	7 ± 1.2	5 ± 1.2	8 ± 2.3	10 ± 4.2	6 ± 1.5
100.0	1 ± 1.3[s]	8 ± 2.4	9 ± 0.0	7 ± 0.3	9 ± 1.8
333.0			5 ± 3.9[s]	2 ± 1.5[s]	8 ± 2.3
Trial Summary	Negative	Negative	Negative	Equivocal	Negative
Positive Control[4]			193 ± 11.6	98 ± 9.0	506 ± 3.4
Positive Control[5]	172 ± 18.5	126 ± 10.8			

Experiment Number: **447840**

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

G06: Ames Summary Data

Test Compound: **Chlorpromazine hydrochloride**

CAS Number: **69-09-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **03:17:26**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	6 ± 0.9
1.0	
3.0	8 ± 2.3
10.0	8 ± 0.9
33.0	9 ± 2.0
100.0	7 ± 0.7
333.0	9 ± 2.7
Trial Summary	Negative
Positive Control[4]	341 ± 21.2
Positive Control[5]	

Experiment Number: **447840**

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

G06: Ames Summary Data

Test Compound: **Chlorpromazine hydrochloride**

CAS Number: **69-09-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **03:17:26**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	22 ± 2.3	18 ± 1.5	29 ± 5.5	29 ± 9.2	23 ± 3.5
1.0	20 ± 4.0	24 ± 4.2			
3.0	15 ± 1.0	20 ± 4.3	32 ± 3.8	38 ± 3.2	26 ± 4.7
10.0	17 ± 3.4	18 ± 4.5	39 ± 6.2	35 ± 2.4	26 ± 0.7
33.0	18 ± 3.5	20 ± 3.4	40 ± 1.5	46 ± 8.4	29 ± 0.3
100.0	3 ± 3.0[s]	20 ± 3.2	35 ± 4.7	36 ± 3.3	33 ± 5.5
333.0			0 ± 0.0[s]	24 ± 9.0[s]	16 ± 3.5[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			380 ± 16.6	294 ± 21.5	883 ± 372.7
Positive Control[6]	728 ± 67.6	874 ± 21.3			

Experiment Number: **447840**

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

G06: Ames Summary Data

Test Compound: **Chlorpromazine hydrochloride**

CAS Number: **69-09-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **03:17:26**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	35 ± 3.1
1.0	
3.0	29 ± 1.8
10.0	30 ± 2.0
33.0	34 ± 2.0
100.0	39 ± 2.4
333.0	37 ± 3.2
Trial Summary	Negative
Positive Control[2]	844 ± 41.5
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: Water
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 **