

Experiment Number: **628879**

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

G06: Ames Summary Data

Test Compound: **Iodochlorohydroxyquinoline**

CAS Number: **130-26-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:02:22**

NTP Study Number:

628879

Study Result:

Negative

Experiment Number: 628879

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Iodochlorohydroxyquinoline
CAS Number: 130-26-7

Date Report Requested: 09/10/2018

Time Report Requested: 17:02:22

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	153 ± 18.5	136 ± 3.8	140 ± 11.2	168 ± 4.2	134 ± 4.2
0.03	149 ± 10.7	142 ± 4.6			
0.1	139 ± 13.3	142 ± 10.4			
0.3	147 ± 4.4	129 ± 11.5	144 ± 11.9	165 ± 9.2	
1.0	136 ± 2.6	82 ± 1.8	129 ± 3.5	153 ± 9.4	152 ± 7.1
1.6	120 ± 8.5				
3.0		0 ± 0.0 ^s	126 ± 7.2	155 ± 6.9	147 ± 3.9
10.0			96 ± 3.7	142 ± 8.4	146 ± 3.7
16.0				118 ± 7.8	
33.0			13 ± 5.1		103 ± 8.7
66.0					
100.0					0 ± 0.0 ^s
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					835 ± 37.2
Positive Control ³			602 ± 17.8		
Positive Control ⁴	439 ± 15.8	412 ± 8.4			
Positive Control ⁵				842 ± 33.8	

Experiment Number: 628879

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Idochlorohydroxyquinoline

CAS Number: 130-26-7

Date Report Requested: 09/10/2018

Time Report Requested: 17:02:22

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	174 ± 3.4
0.03	
0.1	
0.3	
1.0	158 ± 1.9
1.6	
3.0	181 ± 12.9
10.0	153 ± 21.3
16.0	
33.0	184 ± 3.6
66.0	172 ± 8.6
100.0	
Trial Summary	Negative
Positive Control ²	
Positive Control ³	545 ± 10.8
Positive Control ⁴	
Positive Control ⁵	

Experiment Number: 628879

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Iodochlorohydroxyquinoline
CAS Number: 130-26-7

Date Report Requested: 09/10/2018

Time Report Requested: 17:02:22

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	24 ± 2.2	39 ± 1.5	18 ± 3.4	19 ± 2.6	18 ± 1.8
0.03	33 ± 2.3	28 ± 2.6			
0.1	22 ± 1.2	31 ± 1.9			
0.3	24 ± 2.7	31 ± 3.2	16 ± 2.0	20 ± 1.9	
1.0	26 ± 1.2	31 ± 3.0	16 ± 0.7	17 ± 0.3	18 ± 0.9
1.6	29 ± 4.6				
3.0		7 ± 0.6	18 ± 2.5	20 ± 2.6	18 ± 6.8
10.0			11 ± 2.4	13 ± 2.1	17 ± 0.3
16.0				20 ± 2.3	
33.0			6 ± 1.3		14 ± 2.6
66.0					
100.0					11 ± 3.8
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ³					201 ± 6.9
Positive Control ⁴	370 ± 9.4	418 ± 49.7			
Positive Control ⁵			110 ± 7.3		
Positive Control ⁶				96 ± 2.6	

Experiment Number: 628879

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Idochlorohydroxyquinoline
CAS Number: 130-26-7

Date Report Requested: 09/10/2018

Time Report Requested: 17:02:22

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	9 ± 2.3
0.03	
0.1	
0.3	
1.0	12 ± 1.0
1.6	
3.0	9 ± 2.4
10.0	10 ± 1.9
16.0	
33.0	8 ± 0.3
66.0	15 ± 1.5
100.0	
Trial Summary	Negative
Positive Control ³	
Positive Control ⁴	
Positive Control ⁵	403 ± 13.1
Positive Control ⁶	

Experiment Number: 628879

G06: Ames Summary Data

Date Report Requested: 09/10/2018

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

Test Compound: Iodochlorohydroxyquinoline

Time Report Requested: 17:02:22

CAS Number: 130-26-7

Strain: TA1537

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	11 ± 2.5	10 ± 2.2	9 ± 2.5
0.03	7 ± 0.3		
0.1	5 ± 0.9		
0.3	5 ± 0.9	9 ± 1.5	
1.0	5 ± 1.9	12 ± 3.7	8 ± 0.6
1.6	6 ± 0.0		
3.0		10 ± 2.5	8 ± 0.9
10.0		10 ± 1.2	8 ± 1.7
16.0		7 ± 1.2	
33.0			5 ± 0.9
66.0			11 ± 1.7
Trial Summary	Negative	Negative	Negative
Positive Control ³			26 ± 2.0
Positive Control ⁵		37 ± 1.5	
Positive Control ⁷	330 ± 20.6		

Experiment Number: 628879

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Iodochlorohydroxyquinoline
CAS Number: 130-26-7

Date Report Requested: 09/10/2018

Time Report Requested: 17:02:22

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	145 ± 15.1	169 ± 17.5	198 ± 4.7	212 ± 18.4	168 ± 11.6
0.03	147 ± 3.0	205 ± 4.2			
0.1	155 ± 8.0	190 ± 18.6			
0.3	163 ± 7.8	151 ± 6.9	203 ± 5.2	222 ± 6.2	
1.0	147 ± 7.3	156 ± 2.1	200 ± 3.3	212 ± 13.3	179 ± 1.8
1.6	132 ± 4.4				
3.0		22 ± 4.3	183 ± 16.0	207 ± 5.5	198 ± 0.9
10.0			78 ± 35.8	209 ± 17.8	191 ± 7.8
16.0				192 ± 13.5	
33.0			1 ± 0.9		194 ± 24.5
66.0					
100.0					0 ± 0.0 ^s
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					634 ± 44.5
Positive Control ³			480 ± 9.2		
Positive Control ⁵				404 ± 1.7	
Positive Control ⁷	817 ± 119.9	417 ± 19.7			

Experiment Number: 628879

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Idochlorohydroxyquinoline
CAS Number: 130-26-7

Date Report Requested: 09/10/2018

Time Report Requested: 17:02:22

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	218 ± 4.6
0.03	
0.1	
0.3	
1.0	216 ± 6.9
1.6	
3.0	208 ± 5.6
10.0	205 ± 20.5
16.0	
33.0	217 ± 15.3
66.0	208 ± 5.2
100.0	
Trial Summary	Negative
Positive Control ²	
Positive Control ³	330 ± 13.1
Positive Control ⁵	
Positive Control ⁷	

Experiment Number: 628879

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Iodochlorohydroxyquinoline
CAS Number: 130-26-7

Date Report Requested: 09/10/2018

Time Report Requested: 17:02:22

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	26 ± 2.3	22 ± 1.0	51 ± 0.7	30 ± 4.2	38 ± 6.7
0.03	24 ± 4.3	25 ± 1.9			
0.1	28 ± 6.3	21 ± 2.7			
0.3	21 ± 2.3	21 ± 2.5	48 ± 3.4	29 ± 1.2	
1.0	21 ± 2.7	20 ± 1.5	41 ± 2.0	28 ± 0.6	33 ± 4.0
1.6	16 ± 3.8				
3.0		8 ± 0.3	32 ± 1.0	29 ± 4.9	40 ± 6.0
10.0			36 ± 4.3	29 ± 4.3	43 ± 2.0
16.0				26 ± 0.9	
33.0			28 ± 0.9		33 ± 3.2
66.0					
100.0					1 ± 0.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					597 ± 23.6
Positive Control ³			357 ± 22.8	134 ± 5.9	
Positive Control ⁸	522 ± 21.6	591 ± 19.9			

Experiment Number: 628879

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Idochlorohydroxyquinoline

CAS Number: 130-26-7

Date Report Requested: 09/10/2018

Time Report Requested: 17:02:22

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	33 ± 2.6
0.03	
0.1	
0.3	
1.0	31 ± 0.7
1.6	
3.0	29 ± 1.2
10.0	29 ± 1.2
16.0	
33.0	22 ± 4.4
66.0	33 ± 2.9
100.0	
Trial Summary	Negative
Positive Control ²	
Positive Control ³	283 ± 13.6
Positive Control ⁸	

Experiment Number: 628879

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Iodochlorohydroxyquinoline

CAS Number: 130-26-7

Date Report Requested: 09/10/2018

Time Report Requested: 17:02:22

LEGEND

Values given as Mean or Mean \pm 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: 0.5 ug/Plate 2-Aminoanthracene

3: 1.0 ug/Plate 2-Aminoanthracene

4: 1.0 ug/Plate Sodium Azide

5: 2.5 ug/Plate 2-Aminoanthracene

6: 5.0 ug/Plate 2-Aminoanthracene

7: 50.0 ug/Plate 9-Aminoacridine

8: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**** END OF REPORT ****