

Experiment Number: A05643

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

**G06: Ames Summary Data**

Test Compound: **8-Hydroxy-5,7-dinitro-2-naphthalenesulfonic acid (8Cl)(9Cl)**

CAS Number: **483-84-1**

Date Report Requested: **09/15/2018**

Time Report Requested: **15:42:34**

**NTP Study Number:**

A05643

**Study Result:**

Positive

Experiment Number: A05643

**G06: Ames Summary Data**

Date Report Requested: 09/15/2018

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**Test Compound: **8-Hydroxy-5,7-dinitro-2-naphthalenesulfonic acid (8Cl)(9Cl)**

Time Report Requested: 15:42:34

CAS Number: 483-84-1

**Strain: TA100**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 30% Rat S9</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	120 ± 4.7	126 ± 2.9	133 ± 3.8
100.0	120 ± 5.5	129 ± 4.6	118 ± 9.0
333.0	125 ± 4.9	123 ± 2.8	102 ± 5.5
1000.0	114 ± 6.0	120 ± 0.6	128 ± 8.2
3333.0	122 ± 3.0	122 ± 6.2 <sup>P</sup>	108 ± 2.0 <sup>P</sup>
6666.0	109 ± 0.3 <sup>P</sup>		
10000.0		0 ± 0.0 <sup>X</sup>	52 ± 10.9 <sup>X</sup>
Trial Summary	Negative	Negative	Negative
Positive Control <sup>2</sup>			469 ± 26.0
Positive Control <sup>3</sup>	734 ± 9.2		
Positive Control <sup>4</sup>		452 ± 9.8	

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Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

Test Compound: 8-Hydroxy-5,7-dinitro-2-naphthalenesulfonic acid (8Cl)(9Cl)

Time Report Requested: 15:42:34

CAS Number: 483-84-1

## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	17 ± 1.5	15 ± 0.7	18 ± 1.5	19 ± 1.5
100.0	16 ± 0.0		20 ± 2.0	19 ± 0.3
333.0	17 ± 0.3	23 ± 3.0	18 ± 2.1	16 ± 1.5
666.0		29 ± 4.6		
1000.0	20 ± 0.0	32 ± 3.5	18 ± 0.7	21 ± 0.3
1666.0		34 ± 3.8		
3333.0	31 ± 3.5	36 ± 1.7	17 ± 0.7 <sup>P</sup>	15 ± 2.9 <sup>P</sup>
6666.0	55 ± 2.9 <sup>P</sup>	81 ± 2.6 <sup>P</sup>		
10000.0			0 ± 0.0 <sup>X</sup>	13 ± 3.0 <sup>P</sup>
Trial Summary	Positive	Positive	Negative	Negative
Positive Control <sup>2</sup>				352 ± 24.9
Positive Control <sup>5</sup>	344 ± 2.3	356 ± 8.4		
Positive Control <sup>4</sup>			394 ± 18.7	

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Test Compound: **8-Hydroxy-5,7-dinitro-2-naphthalenesulfonic acid (8Cl)(9Cl)**

Time Report Requested: 15:42:34

CAS Number: 483-84-1

**LEGEND**

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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: 2.0 ug/Plate 2-Aminoanthracene

3: 5.0 ug/Plate Sodium Azide

4: 5.0 ug/Plate 2-Aminoanthracene

5: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

p: Precipitate

x: Slight Toxicity and Precipitate

**\*\* END OF REPORT \*\***