

Experiment Number: **G15004**

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

**G06: Ames Summary Data**

Test Compound: **Dowanol DiPPH glycol ether**

CAS Number: **DOWANOLDIPPH**

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

Time Report Requested: **11:36:05**

**NTP Study Number:**

G15004

**Study Result:**

Negative

Experiment Number: G15004

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Dowanol DiPPH glycol ether

CAS Number: DOWANOLDIPPH

Date Report Requested: 09/18/2018

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## Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	72 ± 1.8	75 ± 0.0	83 ± 4.9	75 ± 10.0
300.0	72 ± 5.5	75 ± 5.5	74 ± 5.0	85 ± 2.3
500.0	71 ± 5.2	77 ± 4.8	80 ± 5.5	83 ± 2.9
750.0	71 ± 11.3	69 ± 5.3	73 ± 5.5	84 ± 3.1
1000.0	69 ± 3.8	73 ± 8.3	77 ± 6.1	70 ± 2.2
2000.0	66 ± 3.2	73 ± 7.8	81 ± 5.6	78 ± 3.5
3000.0	63 ± 2.1	63 ± 2.0	83 ± 5.8	77 ± 3.5
5000.0	Toxic	Toxic	Toxic	Toxic
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	714 ± 77.4	1142 ± 86.9		
Positive Control <sup>3</sup>			706 ± 35.5	656 ± 2.1

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**Strain: TA98**

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	16 ± 2.9	13 ± 3.5	22 ± 2.9	22 ± 3.2
300.0	14 ± 1.8	15 ± 0.9	15 ± 3.4	25 ± 1.0
500.0	21 ± 4.7	15 ± 0.9	23 ± 1.5	30 ± 4.5
750.0	8 ± 1.8	12 ± 1.3	18 ± 3.0	21 ± 0.3
1000.0	15 ± 0.9	15 ± 2.6	18 ± 0.9	20 ± 5.2
2000.0	16 ± 0.3	15 ± 1.0	14 ± 3.5	17 ± 0.3
3000.0	16 ± 1.7	16 ± 2.5	20 ± 3.0	15 ± 3.6
5000.0	Toxic	Toxic	14 ± 2.6	16 ± 1.3
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>4</sup>			1432 ± 108.8	1317 ± 140.1
Positive Control <sup>5</sup>	759 ± 2.0	643 ± 51.0		

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## G06: Ames Summary Data

Test Compound: Dowanol DiPPH glycol ether

CAS Number: DOWANOLDIPPH

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## Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	111 ± 6.7	123 ± 13.9	150 ± 2.1	155 ± 3.4
300.0	105 ± 7.2	114 ± 6.7	149 ± 12.1	139 ± 3.5
500.0	113 ± 4.7	120 ± 1.8	153 ± 5.9	152 ± 2.7
750.0	104 ± 3.7	136 ± 6.9	140 ± 6.4	153 ± 9.5
1000.0	102 ± 2.0	120 ± 6.8	126 ± 13.0	152 ± 1.5
2000.0	90 ± 10.2	113 ± 5.9	116 ± 7.1	114 ± 6.7
3000.0	81 ± 7.3	104 ± 6.1	136 ± 5.3	115 ± 9.7
5000.0	45 ± 5.0	59 ± 19.9	77 ± 4.5 <sup>s</sup>	94 ± 6.8
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>6</sup>	1425 ± 32.7	1701 ± 29.2		
Positive Control <sup>7</sup>			1205 ± 22.4	1168 ± 62.6

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### **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: 1.0 ug/Plate Sodium Azide

3: 2.0 ug/Plate Other Positive Control

4: 2.0 ug/Plate 2-Aminoanthracene

5: 3.0 ug/Plate 2-Nitrofluorene

6: 0.25 ug/Plate Other Positive Control

7: 20.0 ug/Plate 2-Aminoanthracene

s: Slight Toxicity

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