

Experiment Number: A00602

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

G06: Ames Summary Data

Test Compound: **Labdanum, oil**

CAS Number: **8016-26-0**

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

Time Report Requested: **10:49:39**

NTP Study Number:

A00602

Study Result:

Negative

Experiment Number: A00602
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Labdanum, oil
CAS Number: 8016-26-0

Date Report Requested: 09/15/2018
Time Report Requested: 10:49:39

Strain: TA100

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	83 ± 7.3	69 ± 6.9	81 ± 8.3
1000.0	61 ± 7.1	85 ± 1.5	76 ± 4.8
2500.0	67 ± 0.7	74 ± 9.3	76 ± 0.7
5000.0	71 ± 3.5	73 ± 5.5	69 ± 5.2
7500.0	78 ± 3.6	95 ± 2.3	82 ± 3.0
10000.0	78 ± 4.9	51 ± 0.7	78 ± 1.5
Trial Summary	Negative	Negative	Negative
Positive Control ²	546 ± 5.4		
Positive Control ³		749 ± 27.2	388 ± 14.1

Experiment Number: A00602
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Labdanum, oil
CAS Number: 8016-26-0

Date Report Requested: 09/15/2018
Time Report Requested: 10:49:39

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	30 ± 4.2	17 ± 1.2	28 ± 1.5	25 ± 1.9
1000.0	26 ± 2.9	14 ± 0.7	29 ± 5.2	21 ± 2.4
2500.0	19 ± 4.3	16 ± 2.1	20 ± 1.3	25 ± 3.8
5000.0	20 ± 2.7	20 ± 3.9	22 ± 2.6	23 ± 2.6
7500.0	33 ± 3.2	13 ± 2.1	35 ± 7.0	19 ± 2.2
10000.0	26 ± 3.2	16 ± 2.3	14 ± 0.9	19 ± 0.6
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ³			661 ± 80.7	371 ± 7.3
Positive Control ⁴	671 ± 39.5	747 ± 13.5		

Experiment Number: A00602
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Labdanum, oil
CAS Number: 8016-26-0

Date Report Requested: 09/15/2018
Time Report Requested: 10:49:39

Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	209 ± 11.9	169 ± 12.7	188 ± 18.8	177 ± 5.7
1000.0	231 ± 4.6	197 ± 1.5	222 ± 5.7	181 ± 9.5
2500.0	185 ± 3.8	172 ± 7.2	237 ± 7.1	177 ± 5.8
5000.0	187 ± 7.8	179 ± 11.7	223 ± 6.5	113 ± 6.9
7500.0	182 ± 3.0	181 ± 7.6	233 ± 7.8	88 ± 2.0
10000.0	157 ± 9.5	149 ± 2.0	207 ± 3.4	69 ± 8.1
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁵			866 ± 24.9	611 ± 10.4
Positive Control ⁶	909 ± 47.4	909 ± 20.8		

Experiment Number: A00602
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Labdanum, oil
CAS Number: 8016-26-0

Date Report Requested: 09/15/2018
Time Report Requested: 10:49:39

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: 1.0 ug/Plate Sodium Azide

3: 2.5 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate 2-Nitrofluorene

5: 20.0 ug/Plate 2-Aminoanthracene

6: 4000.0 ug/Plate Methyl Methane Sulfonate

** END OF REPORT **