

## CLOVE OIL

### SPECIFICATION SHEET

|                     |  |
|---------------------|--|
| Product:            | Clove Leaf Oil   |
| Shelf Life:         | 24 Months minimum under optimal conditions   |
| Storage Conditions: | Ambient temperature, dry conditions, full tightly closed container.                |
| Description:        | A clear colorless to pale yellow liquid having a spicy clove-like flavor and odor. |

| SPECIFICATION           | STANDARD           |
|-------------------------|--------------------|
| Optical Rotation (25 C) | -2.00 - 0.00       |
| Specific Gravity (25 C) | 1.0360 - 1.0480    |
| Refractive Index (20 C) | 1.5290 - 1.5370    |
| Solubility              | Insoluble in Water |

Revised Date: 02/05/2019

**CLOVE OIL**

|  | Present In Product | Present in Other Products Manufactured on the Same Line** | Present in the Same Manufacturing Facility | Specify Source (indicate if an oil is highly refined and exempt from allergen labeling)* |
|--|--------------------|---|--|--|
| <b>Allergens</b>   |                    |   |  |  |
| Dairy Products (including derivatives)   | No                 | No  | Yes  |  |
| Egg Products   | No                 | No  | No   |  |
| Soy Products (including soy lecithin)  | No                 | No  | Yes  |  |
| Gluten (including Wheat, Rye, Barley, Oats, Spelt, Kamut, or their hybridized strains)   | No                 | No  | Yes  |  |
| Peanut Products  | No                 | No  | Yes  |  |
| Tree Nuts & derivatives (almond, beech nut, brazil nut, butternut, cashew, chestnut, chinquapin, coconut, hazelnut (filbert), ginko nut, hickory nut, lichee nut, macademia nut, pecan, pili nut, pine nuts, pistachio, sheanut, walnut) indicate specific nut | No                 | No  | Yes  |  |
| Fish (indicate species)  | No                 | No  | Yes  |  |
| Crustacean Shellfish (indicate species)  | No                 | No  | Yes  |  |
| Molluscan Shellfish (indicate species)   | No                 | No  | Yes  |  |
| Sesame Seed  | No                 | No  | Yes  |  |
| Mustard  | No                 | No  | Yes  |  |
| Celery   | No                 | No  | Yes  |  |
| Lupin  | No                 | No  | No   |  |

| <b>Sensitizers</b>                |         |    |    |     |  |
|-----------------------------------|---------|----|----|-----|--|
| Monosodium Glutamate              |         | No | No | Yes |  |
| Sulfites                          | N/A ppm | No | No | Yes |  |
| Autolyzed Yeast/Yeast Extracts    |         | No | No | Yes |  |
| BHA, BHT, TBHQ                    |         | No | No | Yes |  |
| Tocopherols                       |         | No | No | Yes |  |
| Chocolate Derivatives (ie. cocoa) |         | No | No | Yes |  |
| FD&C Colors                       |         | No | No | Yes |  |
| Alcohol                           |         | No | No | Yes |  |
| Animal or Animal Derivatives      |         | No | No | Yes |  |
| Other                             |         |    |    |     |  |

\*Highly refined oils are exempt from allergen labeling according to FALCPA and Regulation (EU) No 1169/2011

\*\*The line is not a dedicated line, however, effective procedures are in place to avoid cross-contamination of the product.

The information provided on this and any following pages regarding our product(s) has been developed as a guide for your consideration and verification and does not constitute a legal representation or warranty. Due to differences in product formulation and operational conditions, we cannot be responsible for results in the user's plant or product.

## CLOVE OIL

### ***Nutritional Facts***

*Calculated amount per 100 gm.*

|                     |           |
|---------------------|-----------|
| Calories            | 0.00      |
| Calories from Fat   | 0.00      |
| Fat                 | 0.00 gm   |
| Saturated Fat       | 0.00 gm   |
| Trans Fatty Acid    | 0.00 gm   |
| Cholesterol         | 0.00 mg   |
| Total Carbohydrates | 0.00 gm   |
| Sugars              | 0.00 gm   |
| Added Sugars        | 0.00 gm   |
| Dietary Fiber       | 0.00 gm   |
| Protein             | 0.00 gm   |
| Vitamin A           | 0.00 IU   |
| Vitamin C           | 0.00 mg   |
| Vitamin D           | 0.00 mcg  |
| Calcium             | 0.00 mg   |
| Iron                | 0.00 mg   |
| Sodium              | 0.00 mg   |
| Potassium           | 0.00 mg   |
| Moisture            | 0.00 gm   |
| Ash                 | 100.00 gm |

***These nutritional values are based on the information available at the time of printing. These values are subject to change as additional information is obtained.***

These values are approximate and derived by calculations based on available reference material. They should not be construed as final figures. For nutritional labeling, analysis for these nutrients or the use of an FDA approved data base is required as specified by the Code of Federal Regulations, Title 21, Section 101.9.