

## **SPECIFICATION**

|                                                |
|------------------------------------------------|
| <b>Product Name:</b> Cinnamon Oil              |
| <b>Chemical Formula:</b> N/A                   |
| <b>CAS Number:</b> 8015-91-6                   |
| <b>Molecular Weight:</b> 132.16 g/mol          |
| <b>Appearance:</b> Clear to pale yellow liquid |
| <b>Odor:</b> Odor                              |

## **Chemical Composition**

| Parameter                        | Unit | Typical Value |
|----------------------------------|------|---------------|
| Specific Gravity @20°C           | -    | 1.0246        |
| Optical Rotation @20°C (Degrees) | -    | 1.594         |
| Refractive Index @20°C           | -    | 1.5836        |
| Cinnamaldehyded                  | %    | 74%           |

## **Physical Properties**

- Solubility: Insoluble in water. Soluble in ethanol. Soluble in propylene glycol. Soluble in ether.

## **Shelf Life & Storage**

- Shelf Life: 2 years from date of manufacture under recommended storage.  
- Storage Conditions: Store in a cool, dry, and well-ventilated place at 15–25°C. Protect from direct sunlight, heat, air, and moisture, as exposure may cause oxidation and loss of volatile components. Keep the container tightly closed in the original amber-colored, airtight container to preserve aroma, potency, and stability. Store away from strong oxidizing agents, sparks, open flames, and other ignition sources, as cinnamon oil is flammable.

## **Applications**

- Use: Widely used as a flavoring agent, fragrance, and functional ingredient in food, pharmaceutical, nutraceutical, cosmetic, oral care, and aromatherapy products. It is commonly incorporated into confectionery, beverages, bakery products, chewing gum, syrups, lozenges, mouthwashes, toothpastes, massage oils, creams, lotions, soaps, and perfumes. It is also valued

for its warming aroma and is traditionally used in aromatherapy and personal care formulations to provide a pleasant fragrance and refreshing sensory experience.

- Dosage: Depends on the intended application, formulation, concentration, and route of use.

**Packaging**

- Standard Packing: 25 Liter Plastic Can and 1 Liter or as per customer requirement.

- Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.

\* Specifications are based on the manufacturer's provided specifications.