

## SPECIFICATION

|                                                      |
|------------------------------------------------------|
| <b>Product Name:</b> Cinnamon Extract liquid 10:1    |
| <b>Chemical Formula:</b> N/A                         |
| <b>CAS Number:</b> N/A                               |
| <b>Molecular Weight:</b> N/A                         |
| <b>Appearance:</b> Pale yellow light to brown liquid |
| <b>Odor:</b> Odor                                    |

### Chemical Composition

| Parameter                   | Unit  | Typical Value | Specification (Min./Max.) |
|-----------------------------|-------|---------------|---------------------------|
| pH                          | -     | 5.50          | 3.0 – 6.0                 |
| Specific Gravity            | -     | 1.0110        | 0.900 – 2.000             |
| Dry Residue                 | %     | 9.20%         | NMT 30%                   |
| Assay                       | -     | Positive      | Presence of polyphenols   |
| <b>Microbiological Test</b> |       |               |                           |
| Total Plate Count           | cfu/g | Complies      | NMT- 1000 cfu/g           |
| Yeast/ Molds                | cfu/g | Complies      | NMT- 100 cfu/g            |
| E. coli                     | -     | Absent        | Absent                    |
| Salmonella                  | -     | Absent        | Absent                    |
| Total coliforms             | -     | Absent        | Absent                    |

### Physical Properties

- Solubility: Soluble in water. Soluble in ethanol. Soluble in glycerin. Soluble in oil.

### **Shelf Life & Storage**

- Shelf Life: 2 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a cool, dry place at 15–25°C, away from direct sunlight, heat, and moisture. Keep the container tightly closed in the original container and protect from excessive air exposure to maintain product quality and stability.

### **Applications**

- Use: Widely used as a natural flavoring and herbal ingredient in foods, beverages, dietary supplements, and nutraceutical formulations. It provides the characteristic cinnamon taste and aroma and is commonly included in wellness products for its antioxidant properties and traditional digestive-support applications.
- Dosage: Depends on the intended formulation, extract concentration, and application. It should be used according to product formulation requirements or as directed by a qualified healthcare professional.

### **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.