

**CERTIFICATE OF ANALYSIS (COA)****Supplier:** Aromology**Product Name:** Cinnamon Bark Essential Oil CO<sub>2</sub> (India)**Botanical Name:** *Cinnamomum verum* / *Cinnamomum zeylanicum***Product Type:** Supercritical CO<sub>2</sub> Extract**Plant Part:** Bark**Country of Origin:** India**1. Product Information**

Parameter	Details
Product Name	Cinnamon Bark Essential Oil CO <sub>2</sub> (India)
Botanical Name	<i>Cinnamomum verum</i> ( <i>C. zeylanicum</i> )
Product Type	Supercritical CO <sub>2</sub> Extract
Plant Part	Bark
Country of Origin	India
Extraction Method	Supercritical Carbon Dioxide Extraction
Intended Use	Perfumery, Cosmetics, Aromatics
Supplier	Aromology

**2. Physical & Organoleptic Specifications**

Test	Specification	Result
Appearance	Mobile liquid to slightly viscous liquid	Conforms
Colour	Golden yellow to amber brown	Conforms
Odour	Sweet, warm, spicy, rich cinnamon characteristic	Conforms
Solubility	Soluble in alcohol and perfumery solvents	Conforms

**3. Typical Analytical Characteristics**

Parameter	Typical Range	Result
Specific Gravity @ 20°C	1.020 – 1.080	Conforms
Refractive Index @ 20°C	1.580 – 1.620	Conforms
Optical Rotation	Natural variation	Conforms

**4. Major Constituents (Typical)**

Constituent	Typical Range (%)
trans-Cinnamaldehyde	55 – 80
Eugenol	2 – 15
Cinnamyl Acetate	1 – 8
Benzaldehyde	Trace – 2
Coumarin	Trace
Linalool	Trace – 2
Beta-Caryophyllene	Trace – 5

*Natural variation may occur between harvests and production batches.*



## 5. Quality Assessment

Quality Parameter	Result
Botanical Identity Verified	PASS
Organoleptic Evaluation	PASS
Appearance Conforms	PASS
Authentic Natural Material	PASS
Suitable for Perfumery Use	PASS

## 6. Storage Conditions

Parameter	Recommendation
Storage Temperature	Store below 25°C
Light Exposure	Protect from direct sunlight
Container	Keep tightly sealed
Shelf Life	24 Months under recommended storage conditions

## 7. Statement of Conformity

Aromology certifies that this batch of Cinnamon Bark Essential Oil CO<sub>2</sub> (India) conforms to internal quality specifications for natural aromatic raw materials and has been evaluated for identity, appearance, and organoleptic characteristics. This material is produced from natural cinnamon bark using supercritical carbon dioxide extraction and is free from added solvents, diluents, or synthetic additives.

## 8. Authorisation

Approved By	Department
Abdul Wasay	Quality Control
Aromology Trading LLC	Dubai, UAE

## 9. Supplier Details

### AROMOLOGY

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### Document Information

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