

TECHNICAL DATA SHEET (TDS)

Product Name	CINNAMON BARK ESSENTIAL OIL
Botanical Name	Cinnamomum verum (synonym Cinnamomum zeylanicum)
CAS #	8015-91-6 ; 84649-98-9
EINECS #	283-479-0
INCI Name	Cinnamomum Zeylanicum Bark Oil

Part Used	Dried inner bark
Extraction Method	Steam Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Middle to Top Note

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Brownish yellow clear liquid.
Odour	Spicy warm reminiscent of cinnamons.
Refractive Index	1.560 to 1.598 nD
Specific Gravity (g/mL)	0.9600 to 1.1000 g/cm ³
Optical Rotation (°)	+ 6° to 10°
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mould	< 10 CFU/g	ISO 16212
Candida albicans	ABSENT / 1g	ISO 18416
Escherichia coli	ABSENT / 1g	ISO 21150
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717
Staphylococcus aureus	ABSENT / 1g	ISO 22718

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Lead: Pb (mg/kg or ppm)	< 10 ppm	na
Arsenic: As (mg/kg or ppm)	< 2 ppm	na
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na

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A-004, New Highway Park E-3 CHSL, Kandivali (E), Mumbai 400 101.

Tel: +91 2870 1974 | 750689 1975 | Email: essentialoilsofindia@gmail.com | www.essentialoilsofindia.com