

TECHNICAL DATA SHEET (TDS)

Product Name	CASSIA ESSENTIAL OIL
Botanical Name	Cinnamomum cassia
CAS #	8007-80-5 ; 84961-46-6
EINECS #	284-635-0
INCI Name	Cinnamomum Cassia Oil

Part Used	Bark, Leaves and Twigs
Extraction Method	Steam Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Base to Middle Note

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to orange brown colored liquid
Odour	Characteristic, warm, spicy aroma
Refractive Index	1.595 - 1.615 @ 20°C
Specific Gravity (g/mL)	1.025 - 1.105 @ 20°C
Optical Rotation (°)	-2° to +2°
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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