



Phytos Natur CZ. s.r.o.

TECHNICAL DATA SCHEET (TDS)

Product Name	LITSEA CUBEBA OIL
Botanical Name	Litsea cubeba
CAS #	68855-99-2 / 90063-59-5
ENCIES #	290-018-7
FEMA	3846
INCI Name	Litsea Cubeba Fruit Oil

Part Used	Ripe Fruits (Berries)
Extraction Method	Steam Distilled Essential Oil
Quality	100 % Pure and Natural
Note Classification	Top to Middle Note

PROPERTIES	SPECIFICATIONS
Appearance	Pale yellow to amber orange colored liquid
Odor	Fresh, sweet-green, lemony, citrus aroma
Refractive Index	1.470 - 1.490 @ 20 °C
Specific Gravity (g/mL)	0.870 - 0.892 @ 20 °C
Optical Rotation	0° to +15°
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

MICROBIAL ANALYSIS	SPECIFICATIONS	STANDARDS
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mold	< 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

HEAVY METAL TESTS	SPECIFICATIONS	STANDARDS
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

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 36 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.