

TECHNICAL DATA SHEET

Product Name	MAY CHANG (LITSEA CUBEBA) OIL
Botanical Name	Litsea cubeba
Product Code	PEO1108
CAS #	68855-99-2 ; 90063-59-5
EINECS #	290-018-7
INCI Name	Litsea Cubeba (May Chang) Fruit Oil
FEMA #	3846

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to amber orange colored liquid
Odour	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

<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

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<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

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

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