Avena Lab
Farmadria d.o.o. Since 1991.

Import and distrubition for Serbia: Avena Lab - Farmadria d.o.o.
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TECHNICAL DATA SHEET

Product Name	**TEA TREE ESSENTIAL OIL**
Botanical Name	Melaleuca alternifolia
Product Code	PEO1156
CAS #	68647-73-4 ; 85085-48-9
EINECS #	285-377-1
INCI Name	Melaleuca Alternifolia (Tea Tree) Leaf Oil
FEMA #	3902

Part Used	Leaves
Extraction Method	Steam Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Top Note

PROPERTIES	SPECIFICATIONS
Appearance	Colorless to pale yellow liquid
Odour	Fresh, warm, diffusive, terpenic, slightly herbaceous odour
Refractive Index	1.475 - 1.482 @ 20°C
Specific Gravity (g/mL)	0.885 - 0.906 @ 20°C
Optical Rotation (°)	+5° 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 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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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 24 months, quality should be checked before use.

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

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