

TECHNICAL DATA SHEET (TDS)

Product Name	LEMON VERBENA OIL
Botanical Name	Aloysia citriodora (syn Lippia citriodora)
Product Code	2034
CAS #	8024-12-2 ; 85116-63-8
EINECS #	285-515-0
INCI Name	Lippia Citriodora Leaf Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to dark yellow colored liquid
Odour	Fresh, lemony, sweet, green aroma with rosy-fruity notes in the drydown
Refractive Index	1.465 - 1.495 @ 20°C
Specific Gravity (g/mL)	0.865 - 0.910 @ 20°C
Optical Rotation (°)	-30° to -5°
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

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.