



PHYTOS

Phytos Natur CZ. s.r.o.

TECHNICAL DATA SCHEET (TDS)

Product Name	EUKAYPTUS GLOBULUS EO
Botanical Name	Eucalyptus globulus
CAS #	8000-48-4 / 84625-32-1
ENCIES #	283-406-2
FEMA #	2466
INCI Name	Eucalyptus Globulus Leaf Oil

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

PROPERTIES	SPECIFICATIONS
Appearance	Clear, colorless to pale yellow liquid
Odor	Strong, fresh, camphoraceous, characteristic of eucalyptus
Flash Point	53 °C
Refractive Index	1.451 – 1.471 @ 20°C
Specific Gravity (g/mL)	0.903 – 0.923 @ 20°C
Optical Rotation (°)	-2° to +8°
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 24 months, quality should be checked before use.



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