



PHYTOS

Phytos Natur CZ. s.r.o.

TECHNICAL DATA SCHEET (TDS)

Product Name	GERANIUM POMERANČ PŘÍRODNÍ VONNÝ OLEJ
Botanical Name	Pelargonium graveolens / Citrus aurantium dulcis
CAS # (components)	90082-51-2 / 8008-57-9
ENCIES # (components)	290-140-0 / 232-433-8
INCI (components)	Pelargonium Graveolens Oil, Citrus Aurantium Dulcis Peel Oil

Part Used	Leaves and tops (Geranium) / Peels (Orange)
Extraction Method	Steam distillation (Geranium) / Cold pressing (Orange)
Composition	Blend of natural essential oils
Quality	100 % Pure and Natural
Note Classification	Top to Middle Note

PROPERTIES	SPECIFICATIONS
Appearance	Light yellow to orange liquid
Odor	Fresh, citrusy, floral, slightly rosy
Refractive Index	1.460 – 1.475 @ 20 °C
Specific Gravity (g/mL)	0.85 – 0.90 @ 20 °C
Optical Rotation	-10° to +10°
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.