



PHYTOS

Phytos Natur CZ. s.r.o.

TECHNICAL DATA SCHEET (TDS)

Product Name	ČERVENÝ POMERANČ EO
Botanical Name	Citrus sinensis
CAS #	8000-29-1 / 91771-61-8
ENCIES #	294-954-7
FEMA #	2308
INCI Name	Citrus Sinensis Peel Oil

Part Used	Peels
Extraction Method	Cold Pressed Essential Oil
Quality	100 % Pure and Natural
Note Classification	Top Note

PROPERTIES	SPECIFICATIONS
Appearance	Yellow orange to deep orange colored liquid
Odor	Sweet, fresh, rich fruity-aldehydic aroma characteristic of orange
Refractive Index	1.468 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.838 - 0.852 @ 20°C
Optical Rotation (°)	+94° to +102°
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.



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



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