



REMILA s.r.o., Cukrovarská 320/18, Trenčianska Teplá, 914 01, 0917 492 545 , www.aromasperky.sk

TECHNICAL DATA SHEET (TDS)

Product Name	BERGAMOT OIL, FCF (BERGAPTEN FREE)
Botanical Name	Citrus aurantium var. bergamia
Product Code	EOA005
CAS #	68648-33-9 ; 89957-91-5
FEMA #	2153
EINECS #	289-612-9
INCI Name	Citrus Aurantium Bergamia (Bergamot) Fruit Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Colorless to pale yellow clear, mobile liquid
Odour	Very fresh, sweet, green-floral, herbaceous aroma
Refractive Index	1.458 - 1.464 @ 20°C
Specific Gravity (g/mL)	0.877 - 0.890 @ 20°C
Optical Rotation (°)	-11° to -7°
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



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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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