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Certificate of Analysis

Product: Bergamot Oil, FCF (Bergaptene free)
 Botanical name: Citrus aurantium bergamia L.
 CAS#: 8007-75-8
 Origin: Italy
 Lot number: C163267
 Date of MFG: 01-AUG-2018
 Expiration Date: 01-NOV-2019

Parameters	Specification	Results
Colour	Colorless to pale green - yellow	Complies
Odor Description	Typical bergamot oil- Fragrant sweet-fruity odor.	Complies
Specific Gravity / (g/cm ³)@ 20 °C	0.866 – 0.876	0.870
Refractive Index @ 20 °C	1.463 – 1.468	1.464
Optical Rotation @ 20 °C	+16.00° to +33.00°	+29.4°
Chemical Components		
Limonene	30.00 to 43.00	38.9
Linalool	7.00 to 15.00	10.4
Linalyl Acetate	24.00 to 34.00	29.8
Terpinene	4.00-13.00	9.5
b-Pinene	3.00-13.00	10.1
Citral	Trace-1.00	0.9
HPLC Analysis		
Sum of Furocumarins	Trace-10.0 ppm	3.0 ppm

Storage: Store in well-filled, tightly sealed containers, in a cool dry place, away from direct sunlight. Avoid contact with iron.

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