

Certificate of Analysis

Product: Bergamot Oil Bergaptene Free (Italy) - Certified Organic ACO/USDA
Botanical Name: *Citrus aurantium var. bergamia*
Origin: Italy
Plant Part used: Peel
Extraction: Cold Pressed

Physical data	<u>Specification</u>²	<u>Result</u>
Appearance:	Clear free flowing liquid	Complies
Colour:	Colourless to Pale straw yellow	Colourless
Odour:	Characteristic	Complies
Specific Gravity at 20°C:	0.8590 to 0.8900	0.8657
Refractive index at 20°C:	1.4520 to 1.4700	1.4635
Optical Rotation:	+ 16.00 ⁰ to + 50.00 ⁰	+29.80 ⁰

Chromatographic Profile

Sample	Component	Specification² Peak Area¹ (%)	Result Peak Area (%)
<i>Citrus aurantium var. bergamia</i>	b-Pinene	Trace to 10	6.96
	d-Limonene	30 to 55	37.37
	Linalool	5 to 20	12.12
	Linalyl acetate	20 to 45	30.49