

Certificate of Analysis

Product: Immortelle Oil - 100% Organic ACO/USDA

Botanical Name: *Helichrysum italicum*

Origin: Albania

Plant Part used: Flowers

Extraction: Steam distilled

Physical data **Specification²** **Result**

Appearance: Clear mobile liquid Complies

Colour: Amber to olive/ dark brown Complies

Odour: Deep-sweet, honey like and tobacco like notes Complies

Specific Gravity at 20°C: 0.8800 to 0.9000 0.8932

Refractive Index at 20°C: 1.4680 to 1.4850 1.4787

Optical Rotation: +10.00⁰ to -10.00⁰ +6.35⁰

Chromatographic Profile

Sample	Component	Specification ² Peak Area ¹ (%)	Result Peak Area ¹ (%)
<i>Helichrysum italicum</i>	a-Pinene	Min 14	17.63
	d-Limonene	Trace to 6	2.35
	Neryl acetate	Trace to 8	4.40
	g-Curcumene	5 to 25	16.75
	Ar-Curcumene	Trace to 8	4.64
	b-Selinene	Trace to 10	8.53
	a-Selinene	Trace to 10	5.15
	Italidone III	Trace to 5	1.19