

CERTIFICATE OF ANALYSIS

Product: Helichrysum Essential Oil (Dalmation in Croatia)

Lot No.: 006/12/2018

Best Before: September, 2021

Store in air tight containers; in a cool dry area; away from direct sunlight.

Properties	Specifications	Results
Appearance:	Pale yellow to reddish yellow liquid.	Complies
Odor:	Characteristic aromatic odor.	Complies
Solubility:	Soluble in alcohol and oils.	
	Insoluble in water	Complies
Specific Gravity:	0 .870 to 0.891 @ 20°C	0.8841
Optical Rotation:	- 8.0° to +9.0° @ 20°C	+2.2°
Refractive Index:	1.475 to 1.485 @ 20°C	1.4680
α Pinene:		22.32998 %
Limonele:		4.61658 %
β -caryophyllene:		4.35431 %
γ - Curcumene:		16.08337 %
β - Selinene		6.54274 %
α Selinene		3.54634%
Neryl acetate:		6.43249 %
Italicene:		4.95700 %

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Appearance: Pale yellow to reddish yellow liquid. Complies Odor: Characteristic aromatic odor. Complies Solubility: Soluble in alcohol and oils. Insoluble in water Complies Specific Gravity: 0 .810 to 0.883 @ 20°C 0.8841 Optical Rotation: -8.0° to $+9.0^\circ$ @ 20° C $+2.2^\circ$ Refractive Index: 1.470 to 1.480 @ 20° C 1.4720 \approx Pinene: 18.96594 % Limonele: 3.33137 % \approx Curcumene: 4.17670 % \approx Curcumene: 13.06775 % \approx Selinene 8.02763 % \approx Selinene 4.26531 % Neryl acetate: 6.44210 %	Properties	Specifications	Results
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