



CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION		COMPANY IDENTIFICATION	
PRODUCT NAME:	Helichrysum (Italian)	COMPANY:	ZAYAT AROMA INC.
BOTANICAL NAME:	Helichrysum italicum	ADDRESS:	1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA
SYNONYM(S):	Immortal	TELEPHONE:	1.855.534.1671
		FAX:	1.855.553.6010
		WEB:	WWW.ZAYATAROMA.COM
		E-MAIL:	INFO@ZAYATAROMA.COM
INCI NAME:	Helichrysum italicum flower oil		
CAS TSCA:	8023-95-8	HS CODE:	3301.29
CAS EINECS:	90045-56-0	EINECS:	
FEMA:	2592	COE:	N/A
COUNTRY OF ORIGIN:	France	FDA CODE:	182.2
PRODUCTION TYPE:	Certified Organic	Certified organic by Ecocert Canada	
PRODUCTION METHOD:	Steam distilled	 	
PART DISTILLED:	Flowers		
LOT NUMBER:	EAB435483FR34218B		
PRODUCTION DATE:	04/2019		
EXPIRATION DATE:	04/2021		

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Pale yellow to reddish-yellow liquid</i>	<i>Complies</i>
ODOR	<i>Characteristic aromatic odor.</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water.</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.880 - 0.920 @ 20°C</i>	<i>0.902</i>
OPTICAL ROTATION:	<i>-20.0° - +10° @ 20°C</i>	<i>-4.00</i>
REFRACTIVE INDEX:	<i>1.460 - 1.475 @ 20°C</i>	<i>1.462</i>
PEROXYDE VALUE:	<i><= 15 mEq O2/KG</i>	<i>N/A</i>

DISCLAIMER

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Helichrysum (Italian)
Helichrysum italicum

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% TOTAL: 88.6	COMPONENTS
0.0	<i>n-Nonane</i>
21.1	<i>Alpha-Pinène</i>
0.1	<i>Alpha-Fenchène</i>
0.1	<i>Camphène</i>
0.2	<i>Beta-Pinène</i>
0.1	<i>Myrcène</i>
0.1	<i>Alpha-Terpinène</i>
1.7	<i>Limonène</i>
0.5	<i>1,8-Cinéole</i>
0.0	<i>Cis-Beta-Ocimène</i>
0.1	<i>Trans-Beta-Ocimène</i>
0.2	<i>Gamma-Terpinène</i>
0.1	<i>Terpinolène</i>
2.4	<i>Linalol</i>
3.7	<i>Italicene</i>
0.0	<i>Fenchol</i>
0.2	<i>Terpinène-4-ol</i>
0.1	<i>Alpha-Terpinéol</i>
0.1	<i>Nérol</i>
13.3	<i>Acétate de Néryle</i>
6.7	<i>Beta-Caryophyllène</i>
2.6	<i>Italidione I</i>
1.8	<i>Propionate de Néryl</i>
2.2	<i>Italidione II M224(Stéréoisomère)</i>
23.4	<i>Gamma curcumene</i>
2.8	<i>Alpha-curcumène</i>
2.2	<i>Italidione II</i>
0.1	<i>Beta-Bisabolène</i>
0.6	<i>Beta-Curcumène</i>
0.2	<i>Delta-Cadinène</i>
0.9	<i>Nérol</i>
0.0	<i>Tiglate de phénéthyle</i>
0.5	<i>Italidione III</i>
0.1	<i>Guaiol</i>
0.3	<i>Eudesma-5-en-11-alpha-ol</i>
0.1	<i>Carvacrol</i>

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