

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION		COMPANY IDENTIFICATION	
PRODUCT NAME:	Spanish Marjoram	COMPANY:	ZAYAT AROMA INC.
BOTANICAL NAME:	Thymus mastichina cineolifera	ADDRESS:	1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA
SYNONYM(S):	Spanish thyme	TELEPHONE:	1.855.534.1671
		FAX:	1.855.553.6010
		WEB:	WWW.ZAYATAROMA.COM
		E-MAIL:	INFO@ZAYATAROMA.COM
INCI NAME:	Thymus mastichina oil		
CAS TSCA:	8016-33-9	HS CODE:	3301.29
CAS EINECS:	84837-14-9	EINECS:	
FEMA:	N/A	COE:	N/A
COUNTRY OF ORIGIN:	Spain	FDA CODE:	N/A
PRODUCTION TYPE:	Certified Organic		Certified organic by Ecocert Canada
PRODUCTION METHOD:	Steam distilled		
PART DISTILLED:	Flowers		
LOT NUMBER:	EAB849627ES39221A		
PRODUCTION DATE:	05/2021		
EXPIRATION DATE:	05/2023		



PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Pale yellow liquid</i>	<i>Complies</i>
ODOR	<i>Characteristic spicy, camphor like odor</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.897 - 0.917 @ 25°C</i>	<i>0.912</i>
OPTICAL ROTATION:	<i>'-6 - +10.0 @ 25°C</i>	<i>1</i>
REFRACTIVE INDEX:	<i>1.462 - 1.468 @ 20°C</i>	<i>1.464</i>
PEROXYDE VALUE:	<i><= 15 mEq O2/KG</i>	<i>Complies</i>

DISCLAIMER

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Thymus mastichina cineolifera

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% TOTAL: 93.36	COMPONENTS
3.90	<i>Alpha-pinene</i>
0.86	<i>Camphene</i>
3.61	<i>Beta-pinene</i>
2.00	<i>Sabinene</i>
1.47	<i>Myrcene</i>
0.12	<i>Alpha-phellandrene</i>
0.30	<i>Alpha-terpinene</i>
2.64	<i>Limonene</i>
54.50	<i>1,8 cineole (aka Eucalyptol)</i>
0.16	<i>Cis-beta-ocimene</i>
1.88	<i>Trans-beta-ocimene</i>
0.08	<i>Gamma-terpinene</i>
0.75	<i>Para-cymene</i>
0.17	<i>Terpinolene</i>
0.84	<i>Camphor</i>
12.15	<i>Linalool</i>
1.44	<i>Linalyl acetate</i>
0.76	<i>Terpinen-4-ol</i>
0.76	<i>Beta-caryophyllene</i>
2.85	<i>Alpha-terpineol</i>
1.50	<i>Borneol</i>
0.23	<i>Geraniol</i>
0.15	<i>Elemol</i>
0.13	<i>Viridiflorol</i>
0.11	<i>Thymol</i>

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