



CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION		COMPANY IDENTIFICATION	
PRODUCT NAME:	Sweet Marjoram	COMPANY:	ZAYAT AROMA INC.
BOTANICAL NAME:	Origanum majorana	ADDRESS:	1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA
SYNONYM(S):		TELEPHONE:	1.855.534.1671
		FAX:	1.855.553.6010
		WEB:	WWW.ZAYATAROMA.COM
		E-MAIL:	INFO@ZAYATAROMA.COM
INCI NAME:	Origanum majorana (Marjoram) Oil		
CAS TSCA:	8015-01-8	HS CODE:	3301.29
CAS EINECS:	84082-58-6	EINECS:	
FEMA:	2663	COE:	316n
COUNTRY OF ORIGIN:	Egypt	FDA CODE:	182.2
PRODUCTION TYPE:	Certified Organic	Certified organic by Ecocert Canada	
PRODUCTION METHOD:	Steam distilled	 	
PART DISTILLED:	Flowers		
LOT NUMBER:	EAB674627EG23420A		
PRODUCTION DATE:	05/2020		
EXPIRATION DATE:	05/2022		

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Light Yellow Liquid</i>	<i>Complies</i>
ODOR	<i>Terpeny, Herbaceous</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.890 – 0.920 @ 20°C</i>	<i>0.893</i>
OPTICAL ROTATION:	<i>-6.0 – -4.0 @ 20°C</i>	<i>NA</i>
REFRACTIVE INDEX:	<i>1.463 – 1.463 @ 20°C</i>	<i>1.474</i>
PEROXYDE VALUE:	<i><= 15 mEq O2/KG</i>	<i>N/A</i>

DISCLAIMER

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Sweet Marjoram
Origanum majorana

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% TOTAL: 97.49	COMPONENTS
0.88	<i>Thjuene</i>
0.95	<i>Alpha-Pinene</i>
0.06	<i>Camphene</i>
8.73	<i>Sabinene</i>
0.60	<i>Beta-Pinene</i>
2.26	<i>Myrcene</i>
0.66	<i>Alpha-Phellandrene</i>
9.64	<i>Alpha-Terpinene</i>
1.46	<i>Rho-Cymene</i>
4.60	<i>Beta-Phellandrene + Limonene</i>
0.05	<i>Cineole 1-8</i>
0.03	<i>Beta-Ocimene</i>
15.31	<i>Gamma-Terpinene</i>
2.94	<i>Sabinene hydrate (Z)</i>
3.50	<i>Terpinolene</i>
9.13	<i>Sabinene hydrate (E) + Linalool</i>
1.58	<i>Rho-Menthen-2-ol-1(E)</i>
1.00	<i>Rho-Menthen-2-ol-1(Z)</i>
23.94	<i>Terpinen-1-ol-4</i>
3.45	<i>Alpha-Terpineol</i>
0.40	<i>Piperitol (Z)</i>
0.71	<i>Piperitol (E)</i>
1.07	<i>Linalyl acetate</i>
<i>n.d.</i>	<i>Carvacrol</i>
2.69	<i>Beta-Carophyllene</i>
0.01	<i>Alpha-Humulene</i>
1.84	<i>Bicyclogernacrene</i>

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