



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:	EAB674627EG23422A		
PRODUCTION DATE:	12-2021		
EXPIRATION DATE:	12-2023		

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>0.885</i>
OPTICAL ROTATION:	<i>-6.0 – -4.0 @ 20°C</i>	<i>-6.0</i>
REFRACTIVE INDEX:	<i>1.463 – 1.463 @ 20°C</i>	<i>1.474</i>
PEROXYDE VALUE:	<i><= 15 mEq O2/KG</i>	<i>Complies</i>

DISCLAIMER

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Sweet Marjoram
Origanum majorana

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% TOTAL: 98.22	COMPONENTS
0.54	Thjue
0.73	?-Pinene
0.03	Camphene
7.78	Sabinene
0.39	?-Pinene
2.03	Myrcene
0.35	?-Phellandrene
7.94	?-Terpinene
0.82	?-Cymene
4.18	?-Phellandrene + Limonene
0.02	Cineole 1-8
0.04	?-Ocimene
12.79	?-Terpinene
4.33	Sabinene hydrate (E)
2.93	Terpinolene
20.4	Sabinene hydrate (Z) + Linalool
1.35	?-Menthen-2-ol-1(E)
0.87	?-Menthen-2-ol-1(Z)
21.14	Terpinen-1-ol-4
2.93	?-Terpineol
0.2	Piperitol (Z)
0.39	Piperitol (E)
2.18	Linalyl acetate
n.d	Carvacrol
2.58	?-Carophyllene
0.08	?-Humulene
1.2	Bicyclogermacrene

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