



	ESSENTIAL OIL SINGLES		
	Marjoram (Sweet) Oil Origanum majorana		
BATCH NUMBER	COUNTRY OF ORIGIN	EXTRACTION DATE	
SWM-117	Egypt	July 2023	

Gas Chromatography Analysis (%)

MONOTERPENE			
γ -terpinene	14.89%	α -terpinene	9.99%
sabinene	8.49%	terpinolene	3.50%
β -phellandrene	2.40%	limonene (d)	2.40%
β -myrcene	2.03%	α -thujene	1.64%
p-cymene	1.31%	α -phellandrene	0.89%
α -pinene	0.77%	β -pinene	0.43%
(E)- β -ocimene	0.06%	camphene	0.03%
(Z)- β -ocimene	0.03%		

MONOTERPENOL			
terpinen-4-ol	21.13%	(Z)-sabinene hydrate	15.15%
(E)-sabinene hydrate	3.74%	α -terpineol	3.36%
(E)-p-menth-2-en-1-ol	0.90%	(E)-piperitol	0.22%
p-cymen-8-ol	0.05%	borneol	0.03%
nerol	0.02%	citronellol	0.01%

SESQUITERPENE			
β -caryophyllene	1.87%	bicyclogermacrene	0.36%
δ -elemene	0.27%	aromadendrene	0.14%
α -caryophyllene	0.07%		

ESTER			
linalyl acetate	2.36%	geranyl acetate	0.04%
