

CERTIFICATE OF ANALYSIS

Organic Essential Oil of Sweet Marjoram from Egypt
100% pure and natural

Botanical name :	<i>Origanum majorana L.</i>
Commercial name :	Organic Sweet Marjoram
Batch number :	2300684
Geographical origin :	Egypt
Production date :	May 2023

Physical and chemical data :

	Standards	Results of analysis
Appearance	Mobile liquid	Conform
Colour	Pale to yellow greenish	Conform
Odour	Characteristic, spicy, pleasant, aromatic	Conform
Specific gravity at 20°C	0.880 to 0.910	0.8895
Refractive index at 20°C	1.465 to 1.480	1.4729
Optical rotation at 20°C	+5° to +35°	+20.00°
Flash point	+50°C to +59°C	

Table of components :

Components	Contents
Sabinene	9.46%
Myrcene	2.08%
Alpha-terpinene	10.65%
Para-cymene	1.26%
Beta-phellandrene	5.09%
Gamma-terpinene	16.8%
Trans-Sabinene Hydrate	3.31%
Alpha-terpinolene	3.90%
Cis-Sabinene Hydrate	12.06%
Terpinene-4-ol	21.18%
Alpha-terpineol	2.96%
TOTAL	88.75%