

## 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 :	<b>1801859</b>
Geographical origin :	Egypt

### Physical and chemical data :

	Standards	Results of analysis
<b>Appearance</b>	liquid	Conform
<b>Colour</b>	pale to greenish yellow	Conform
<b>Odour</b>	characteristic, spicy, nice, aromatic	Conform
<b>Specific gravity at 20°C</b>	0.880 to 0.910	0.8910
<b>Refractive index at 20°C</b>	1.467 to 1.480	1.4705
<b>Optical rotation at 20°C</b>	+5° to +35°	+ 20.60°
<b>Flash point</b>	+59°C	

### Table of components :

Components	Contents
Sabinene	9.77%
Myrcene	2.24%
$\alpha$ -terpinene	10.46%
Para-cymene	1.03%
$\beta$ -phellandrene	4.90%
$\gamma$ -terpinene	16.30%
Sabinene Cis-Hydrate	13.24%
Terpinene-4-ol	21.34%
<b>TOTAL</b>	<b>79.28%</b>