

CERTIFICATE OF ANALYSIS

Organic Essential Oil of *Origanum compactum* from Morocco
100% pure and natural

Botanical name : *Origanum compactum* Benth.

Commercial name : Organic *Origanum compactum*

Batch number : **2000377**

Geographical origin : Morocco

Production date : June 2020

Physical and chemical data :

	Standards	Results of analysis
Appearance	Fluid and mobile liquid	Conform
Colour	Light yellow to dark brown	Conform
Odour	Aromatic, spicy, phenolic	Conform
Specific gravity at 20°C	0.905 to 0.950	0.9272
Refractive index at 20°C	1.495 to 1.515	1.5042
Optical rotation at 20°C	-5° to +10°	+2.55°
Flash point	+55°C to +70°C	

Carvacrol	50,80%
para-Cymene	14,10%
gamma-Terpinene	10,77%
Thymol	7,36%
Linalool	3,10%
alpha-Pinene	2,13%
Caryophyllene(E-)	1,76%
Myrcene	1,55%
alpha-Terpinene	1,39%
Borneol	0,72%
alpha-Thujene	0,69%
Camphene	0,62%
Terpinen-4-ol	0,43%
1,8-Cineole	0,42%
Carvacrol, methyl ether	0,38%
beta-Pinene	0,38%
Limonene ^z	0,28%
Caryophyllene oxide	0,23%
alpha-Terpineol	0,18%