

CERTIFICATE OF ANALYSIS

Organic Essential Oil of Rosemary CT 1.8 Cineol from Morocco
100% pure and natural

Botanical name : *Rosmarinus officinalis L.*
Commercial name : Organic Rosemary CT 1.8 Cineol
Batch number : **1800123**
Geographical origin : Morocco

Physical and chemical data :

	Standards	Results of analysis
Appearance	clear fluid liquid	Conform
Colour	pale yellow to yellowish green	Conform
Odour	characteristic, fresh, more or less camphorated	Conform
Specific gravity at 20°C	0.895 to 0.920	0.9105
Refractive index at 20°C	1.460 to 1.474	1.4662
Optical rotation at 20°C	-2° to +10°	+ 3.04°
Flash point	+40°C à +50°C	

Table of components (1) :

Components	Contents
Tricyclene	0.15%
α -thujene	0.14%
α -pinene	13.62%
Fenchene	0.07%
Camphene	4.45%
Thuja-2,4(10)-diene	0.05%
Sabinene	0.02%
β -pinene	5.38%
1-Octene-3-ol	0.25%
3-Octanone	0.08%
Myrcene	1.24%
α -phellandrene	0.16%
α -terpinene	0.61%
Para-cymene	1.17%
Limonene	0.02%
Cineole-1,8 : eucalyptol	44.98%
γ -terpinene	0.88%
Sabinene Cis-Hydrate	0.02%
Terpinolene	0.36%
Para-cymenene	0.04%

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Table of components (2) :

Components	Contents
Linalool	0.84%
Trans-pinocarveol	0.04%
Camphor	14.04%
δ-terpineol	0.31%
Borneol	2.37%
Terpinene-4-ol	0.55%
α-terpineol	1.72%
Bornyl Acetate	0.40%
α-ylangene	0.03%
α-copaene	0.02%
β-caryophyllene	3.29%
α-humulene	0.30%
β-bisabolene	0.10%
δ-cadinene	0.02%
Caryophyllene Oxide	0.03%
TOTAL	97.75%