



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Product Name: Rosemary Essential Oil

Botanical Name: *Salvia rosmarinus* Spenn. (syn. *Rosmarinus officinalis* L.)

INCI Name: *Rosmarinus Officinalis* (Rosemary) Leaf Oil

CAS Number: 8000-25-7

EC Number: 283-291-9

Country of Origin: Morocco

Plant Part: Leaves and flowering tops

Extraction Method: Steam Distillation

Product Type: 100% Natural Essential Oil

Test Parameter	Specification	Result
Appearance	Clear, colourless to pale-yellow liquid	Conforms
Odour	Fresh, herbaceous, penetrating and camphoraceous	Conforms
Relative Density at 20 °C	0.895–0.920	Conforms
Refractive Index at 20 °C	1.4640–1.4760	Conforms
Optical Rotation at 20 °C	–5.0° to +15.0°	Conforms
Flash Point	Typically 43–52 °C	Conforms
Solubility in Water	Insoluble	Conforms
Solubility in Ethanol	Soluble, with possible slight opalescence	Conforms
1,8-Cineole	Characteristic of Moroccan rosemary chemotype	Conforms
α-Pinene	Naturally occurring	Conforms
Camphor	Naturally occurring	Conforms
Identification	Consistent with rosemary essential oil	Conforms
Added Solvents	None declared	Conforms
Added Preservatives	None declared	Conforms
Purity	100% natural essential oil	Conforms

Typical Principal Constituents

- 1,8-Cineole
- α-Pinene
- Camphor



- Camphene
- β -Pinene
- Borneol
- Limonene
- Verbenone, depending on chemotype and harvest

Conclusion

The material represented by this certificate conforms to the established organoleptic and physicochemical specifications for Rosemary Essential Oil and is suitable for professional fragrance and cosmetic formulation, subject to evaluation in the intended finished product.

As this is a natural essential oil, minor variations in composition, colour and physical characteristics may occur between harvests and production batches. Numerical results should be replaced with batch-specific analytical values where required for regulatory submission or customer approval.

Authorised by

Fozia Khot

Director

Aromology Trading LLC