



CERTIFICATE OF ANALYSIS (COA)

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Mastic Essential Oil

Product Identification

Item	Details
Product Name	Mastic Essential Oil
Botanical Name	<i>Pistacia lentiscus</i> L.
INCI Name	<i>Pistacia Lentiscus</i> Leaf Oil* / <i>Pistacia Lentiscus</i> Gum Oil*
CAS Number	90082-82-9 (Leaf Oil)
EC Number	290-174-6
Plant Part	Leaves or Resin (depending on product specification)
Extraction Method	Steam Distillation
Country of Origin	Greece (Chios), Morocco, Mediterranean Region
Product Type	Natural Essential Oil

*INCI designation depends on whether the oil is distilled from leaves or resin.

Analytical Specifications

Test	Representative Specification	Batch Result
Appearance	Mobile clear liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Fresh, balsamic, green, resinous, woody	Conforms
Identification	GC profile consistent with <i>Pistacia lentiscus</i> essential oil	Conforms
Relative Density (20°C)	0.850–0.875	To be reported
Refractive Index (20°C)	1.465–1.485	To be reported
Optical Rotation	Batch specific	To be reported
Flash Point	Batch specific	To be reported
Solubility	Soluble in ethanol	Conforms
Foreign Matter	None visible	Conforms



Representative Naturally Occurring Constituents

Typical naturally occurring constituents include:

- α -Pinene
- Myrcene
- Limonene
- β -Pinene
- Sabinene
- Terpinen-4-ol
- α -Terpineol
- 1,8-Cineole
- Camphene
- β -Caryophyllene

The composition varies depending on botanical source (leaf or resin), geographical origin and harvest. Published analyses commonly show α -pinene as the predominant constituent, together with myrcene and limonene.

Purity Declaration

This material consists of 100% steam-distilled Mastic Essential Oil.

No synthetic fragrance materials have been intentionally added.

Storage

Store:

- Between 15–25 °C
- In tightly sealed containers
- Protected from light and air
- Away from oxidising agents
- Under cool, dry conditions

Natural variation in colour and aroma is characteristic of genuine essential oils.

Conclusion

The material conforms to the representative quality specifications established for Mastic Essential Oil, subject to verification of batch-specific analytical results.

This document is a representative supplier COA and is not the original producer's laboratory certificate.

Authorised by

Fozia Khot

Director

Aromology Trading LLC