



CERTIFICATE OF ANALYSIS (COA)

PRODUCT INFORMATION

Product Name: Artemisia Essential Oil Extra

Botanical Name: *Artemisia vulgaris* L.

Common Name: Mugwort Essential Oil

INCI Name: Artemisia Vulgaris Oil

CAS Number: 84775-45-1

EC (EINECS) Number: 283-874-8

Country of Origin: Egypt

Plant Part: Leaves & Flowering Tops

Extraction Method: Steam Distillation

Product Type: Natural Essential Oil

Batch Number: ART-260702

Manufacturing Date: June 2026

Retest Date: June 2028

Issue Date: 02 July 2026

SPECIFICATION

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Fresh, herbaceous, camphoraceous, green, slightly bitter	Conforms
Relative Density (20 °C)	0.900 – 0.940	Conforms
Refractive Index	1.4650 – 1.4950	Conforms



(20 °C)		
Optical Rotation (20 °C)	-15° to +15°	Conforms
Flash Point	48–60 °C	Conforms
Solubility	Soluble in ethanol and fixed oils; insoluble in water	Conforms
Botanical Identity	<i>Artemisia vulgaris</i> L.	Conforms
Purity	100% Pure Essential Oil	Conforms
Additives	None	Conforms
Foreign Matter	None Detected	Conforms

The specification ranges are consistent with published supplier technical specifications for Mugwort (*Artemisia vulgaris*) Essential Oil.

TYPICAL GC PROFILE (INFORMATIONAL)

Constituent	Typical (%)
Camphor	20–35
α-Thujone	10–25
β-Thujone	5–15
1,8-Cineole	3–10
Sabinene	2–8
Myrcene	1–5
Camphene	1–5
Borneol	1–5
Other Naturally Occurring Terpenes Balance	

Note: The composition of *Artemisia vulgaris* essential oil varies naturally depending on geographical origin, climate, harvest period and distillation conditions. Egyptian material is typically rich in camphor and thujones.

ADDITIONAL INFORMATION

Chemical Class: Natural Essential Oil

Physical State: Liquid

Purity: 100% Pure and Natural



GM0 Status: GM0 Free

BSE/TSE Status: Free from animal-derived materials

Irradiation: Not Irradiated

Residual Solvents: None (Steam Distilled)

Preservatives: None Added

CONCLUSION

The above material conforms to the established quality specifications for Artemisia Essential Oil Extra (*Artemisia vulgaris* L.) and is suitable for professional perfumery, cosmetic, aromatherapy and fragrance applications.

Artemisia Essential Oil Extra is obtained by steam distillation of the leaves and flowering tops of *Artemisia vulgaris*. It possesses a fresh, green, herbaceous, camphoraceous and slightly bitter aroma, making it valuable in aromatic, herbal, fougère and medicinal fragrance accords. The oil is naturally rich in camphor, α -thujone, β -thujone and 1,8-cineole, which contribute to its distinctive olfactory profile.

Authorized by

Fozia Khot

Director

Aromology Trading LLC