



CERTIFICATE OF ANALYSIS (COA)

PRODUCT INFORMATION

Product Name: Anthopogon Essential Oil

Botanical Name: *Rhododendron anthopogon* D.Don

INCI Name: Rhododendron Anthopogon Flower/Leaf Extract

CAS Number: 89957-93-7

Country of Origin: Nepal

Plant Part: Leaves & Flowering Tops (Aerial Parts)

Extraction Method: Steam Distillation

Product Type: Natural Essential Oil

Batch Number: ANT-260702

Manufacturing Date: June 2026

Retest Date: June 2028

Issue Date: 02 July 2026

SPECIFICATION

Test	Specification	Result
Appearance	Mobile liquid	Conforms
Colour	Pale yellow to colourless	Conforms
Odour	Sweet, herbaceous, balsamic, resinous, pine-like	Conforms
Specific Gravity (20°C)	0.870 – 0.885	Conforms
Refractive Index (20°C)	1.475 – 1.490	Conforms
Solubility	Soluble in ethanol; insoluble in water	Conforms
Botanical Identity	<i>Rhododendron anthopogon</i> D.Don	Conforms
Purity	100% Pure Essential Oil	Conforms
Additives	None	Conforms
Foreign Matter	None detected	Conforms



These physical specification ranges are taken from a published supplier specification for organic *Rhododendron anthopogon* essential oil.

TYPICAL GC PROFILE (INFORMATIONAL)

Constituent	Typical (%)
α -Pinene	30–40
β -Pinene	12–18
Limonene	10–15
δ -Cadinene	7–10
Camphene	2–6
α -Thujene	1–4
Other naturally occurring terpenes	Balance

The composition may vary naturally according to altitude, harvest season, geographical origin and distillation conditions. Published GC-MS analyses report α -pinene, β -pinene, limonene and δ -cadinene as the principal constituents.

ADDITIONAL INFORMATION

Chemical Class: Natural Essential Oil

Physical State: Liquid

Purity: 100% Pure and Natural

GMO Status: GMO 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 Anthopogon Essential Oil and is suitable for professional perfumery, cosmetic and aromatherapy applications.

Anthopogon Essential Oil is steam distilled from the leaves and flowering tops of *Rhododendron anthopogon*, a high-altitude Himalayan shrub native to Nepal. The oil possesses a distinctive sweet herbal, balsamic, resinous and coniferous aroma and is highly valued in niche perfumery and incense accords. Its composition is dominated by naturally occurring monoterpenes, principally α -pinene, β -pinene, limonene, and δ -cadinene.

Authorized by

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