



CERTIFICATE OF ANALYSIS (COA)

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Blue Yarrow Essential Oil – A+ Grade

PRODUCT INFORMATION

Product Name: Blue Yarrow Essential Oil – A+ Grade
Botanical Name: *Achillea millefolium* L.
INCI Name: Achillea Millefolium Oil

CAS Number: 84082-83-7
Country of Origin: Bulgaria
Plant Part: Flowers and Leaves

Extraction Method: Steam Distillation
Cultivation: Conventional
Grade: A+ Grade
Note: Top / Middle
Scent Family: Herbaceous

ORGANOLEPTIC ANALYSIS

Test	Specification	Result
Appearance	Mobile liquid	Conforms to Product Specification
Colour	Blue to deep blue / bluish blue	Conforms to Product Specification
Odour	Characteristic herbaceous, mildly camphoraceous	Conforms to Product Specification
Botanical Identity	<i>Achillea millefolium</i> L.	Conforms
Origin	Bulgaria	Conforms
Extraction	Steam Distillation	Conforms

A documented Bulgarian Blue Yarrow batch reports a bluish-green to deep-blue liquid with a sweet, slightly camphoraceous, herbaceous aroma.



TYPICAL GC PROFILE — REFERENCE

A Bulgarian *Achillea millefolium* batch analysed by high-resolution capillary gas chromatography reported:

Constituent	Reference Result
Sabinene	19.61%
Beta-Pinene	15.97%
Beta-Caryophyllene	10.62%
Artemisia Ketone	6.58%
Chamazulene	4.96%

These values come from a documented Bulgarian Blue Yarrow batch and demonstrate the expected composition profile. They are not presented as analytical results for the current Aromology batch.

PHYSICAL & CHEMICAL PARAMETERS

Test	Specification	Result
Relative Density	Batch-specific specification required	Pending
Refractive Index	Batch-specific specification required	Pending
Optical Rotation	Batch-specific specification required	Pending
Flash Point	Batch-specific specification required	Pending
Solubility	Batch-specific specification required	Pending
GC Profile	Characteristic of <i>Achillea millefolium</i> EO	Batch Analysis Required

STORAGE

Store in tightly closed containers in a cool, dry and dark location.

Protect from direct sunlight and excessive heat. Bulgarian Yarrow suppliers recommend cool storage protected from direct sunlight; published recommendations range approximately from 5–25 °C depending on supplier.

Authorised by:

Fozia Khot
Director