



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT IDENTIFICATION

Item	Details
Product Name	Linden Blossom CO ₂ Total Extract
Botanical Name	<i>Tilia cordata</i> Mill.
INCI Name	Tilia Cordata Flower Extract
CAS Number	84929-52-2
EC Number	284-531-0
Plant Part	Blossoms
Extraction Method	Supercritical CO ₂ Extraction
Country of Origin	Bulgaria
Product Type	Natural CO ₂ Total Extract
Batch Number	Representative Specification
Issue Date	20 July 2026
Retest Period	5 Years (under recommended storage conditions)

PHYSICAL AND CHEMICAL CHARACTERISTICS

Parameter	Specification	Representative Result
Appearance	Brownish waxy extract	Complies
Odour	Rich floral, honey-like, green	Characteristic
Physical State	Semi-solid / waxy extract	Complies
Solubility	Insoluble in water	Complies
Solubility in Ethanol	Partially soluble	Complies

REPRESENTATIVE GC PROFILE



Component	Typical Content (%)
Nonacosane	15–25
Hentriacontane	8–15
Pentacosane	4–8
Tricosane	4–7
Heptacosane	4–7
Palmitic Acid Esters	1–4
Phenethyl Alcohol	Trace–0.5
Tocopherols	Trace–1

Representative composition based on published CO₂ extract specifications.

QUALITY DECLARATION

This material complies with the representative specification for professional perfumery-grade Linden Blossom CO₂ Total Extract.

The original producer's batch-specific Certificate of Analysis shall always take precedence.

STORAGE

Store tightly sealed in the original container below 10 °C, protected from light and moisture.

CONCLUSION

Representative Result: COMPLIES

Authorised by:

Fozia Khot
Director