



CERTIFICATE OF ANALYSIS (COA)

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Linden Blossom CO₂ Total Extract

PRODUCT INFORMATION

Product Name: Linden Blossom CO₂ Total Extract
Botanical Name: Tilia cordata
Raw Material: Tilia cordata dried flowers

INCI Name: Tilia Cordata (Linden) Flower Extract
CAS Number: 84929-52-2
EC Number: 284-536-2

Product Code: 026.002
Extraction Type: CO₂ Total Extract
Composition: 100% Linden Blossom CO₂ Total Extract

Country of Origin: Bulgaria
Country of Origin of Raw Material: Bulgaria

BATCH INFORMATION

Batch Number: L225
Manufacturing Date: August 2025
Re-Test Date: August 2028
Certificate Issue Date: 27 August 2025

PHYSICAL AND CHEMICAL ANALYSIS

Parameter	Specification	Test Method	Result
Appearance	Dark brown semi-solid at room temperature	BDS 9200:1994	Meets
Smell	Floral – linden like	BDS 9200:1994	Meets



Water Activity (aw)	<1.0	ILM 1Novasina/2008	0.93
Essential (Volatile) Oil Content (%)	Not specified	BS-II-02/2006	1.19

FATTY ACID COMPOSITION

Parameter	Specification (%)	Test Method	Result (%)
Palmitic Acid (C16:0)	5 – 10	BDS EN ISO 12966-4:2015	8.88
Stearic Acid (C18:0)	<3	BDS EN ISO 12966-4:2015	1.13
Oleic Acid (C18:1)	<5	BDS EN ISO 12966-4:2015	4.95
Linoleic Acid (C18:2)	Not specified	BDS EN ISO 12966-4:2015	13.33
Alpha-Linolenic Acid (C18:3)	Not specified	BDS EN ISO 12966-4:2015	18.74
Arachidic Acid (C20:0)	Not specified	BDS EN ISO 12966-4:2015	0.36

QUALITY AND COMPLIANCE DECLARATION

Based on the supplied manufacturer's Certificate of Analysis, Linden Blossom CO₂ Total Extract, Batch L225, meets the applicable product specifications under Product Code 026.002.

The product is manufactured from *Tilia cordata* dried flowers originating from Bulgaria.

The analytical results and specifications stated in this certificate are based on the manufacturer's batch-specific quality control documentation.

DISCLAIMER

The information provided in this Certificate of Analysis is based on the manufacturer's technical documentation and analytical results available at the time of issuance.

Product storage and transportation conditions may affect the reported analytical values. The information provided should not be interpreted as a legally binding guarantee.

The analytical values have not been independently verified by Aromology.

Authorised by:

Fozia Khot
Director