

Certificate of Analysis

Testing status: Typical specifications provided; this lot has not been analytically tested. No batch-specific analytical testing is certified by this document.

Product Name	Angelica Root
Botanical Name	Angelica archangelica
INCI Name	Angelica Archangelica Root Extract
Country of Origin	France
CAS Number	84775-41-7
EC / EINECS Number	283-871-1
Lot Number	5731401
Manufacturing Date	March 2026
Retest Date	March 2028 (Provisional — 24 months)
Shelf Life	3 to 4 years (cool, dark storage)
Document Date	April 6, 2026

Product Specifications

Test	Specification / Typical Range	Result / Basis
Appearance / color	Light to dark brownish yellow (may vary by batch)	Pale yellow liquid
Odor	Herbaceous, musky; earthy root character	Characteristic
Solubility	Soluble in oils and alcohol. Insoluble in water	Soluble
Density	Comparable CO2 reference: 0.97-1.08 g/cm3 @ 20 °C; not an acceptance limit validated for the WCA lot.	0.8940 g/mL
Refractive Index	Product-specific specification not supplied.	1.4710
Optical Rotation	Product-specific specification not supplied.	+7.0°
Furocoumarins	Concentration and applicable formulation limits require product-specific analysis.	Not determined

Quality Statement

Typical product specifications are presented for information. No analytical results or conformity determinations are supplied for this WCA lot.

Information basis

The specifications and typical ranges presented are based on established technical references and provide useful guidance regarding the expected characteristics of this botanical essential oil. Natural variations may occur due to geographical origin, seasonal conditions, and harvesting practices. Values identified as not batch tested are provided for reference purposes and do not represent analytical measurements or batch-specific release verification.