



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Angelica Root CO2
LATIN NAME	<i>Angelica archangelica</i>
COUNTRY OF ORIGIN	Germany
CULTIVATION METHOD	Certified Organic (USDA, NOP)
TYPE	CO2 Select Extract
EXTRACTION METHOD	Supercritical Fluid Extraction
PLANT PART	Roots
USE	Aromatherapy, Natural Perfumery.

SKU	75
LOT #	16
MANUFACTURING DATE	December 2021
RETEST	December 2026

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.97 – 1.08	1.0293
REFRACTIVE INDEX @20°C	1.490 – 1.540	1.5272
OPTICAL ROTATION @20°C	na	na

PHYSICAL APPEARANCE	Transparent liquid	Conforms
COLOR	Yellow to brown	Conforms
ODOR	Fine, delicate aroma, peppery, green, slightly woody notes.	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use. Refrigerate to preserve freshness.	

PRIMARY CONSTITUENTS	Alpha-Pinene, Beta-Phellandrene, Osthol.
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COMPONENTS OF THE EXTRACT:	Range %	%	COMPONENTS	Range %	%
ANGELICIN	na	0.07	CONTENT OF ESSENTIAL OIL	20-35 %	34.3
BERGAPTENE	<1.5 %	0.78	RELATIVE COMPOSITION OF THE ESSENTIAL OIL:		
OSTHOL	>5 %	16.9	ALPHA-PINENE	na	10.7
METHOXSALENE	na	0.30	ALPHA-PHELLANDRENE	na	12.9
FALCARINOL	na	0.13	BETA-PHELLANDRENE	na	10.8
FALCARINDIOL	na	0.71	TRIDECANOLIDE	na	1.4
TRIDECANOLIDE	na	0.39	CYCLOPENTADECANOLIDE	na	2.1
CYCLOPENTADECANOLIDE	na	0.39	OSTHOL	na	4.1
CYCLOPENTADECANOLIDE	na	0.68	12-OXABICYCLO[9.1.0]-DODECA-3,7 DIENE	na	0.37

* EU Allergen

COMMENTS	Odor quality is excellent. Caution: photosensitizing
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This CO2 Extract is a 100% pure and natural product. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to Eden Botanicals. This product is guaranteed by Eden Botanicals to be of excellent quality.

Eden Botanicals

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