

**CERTIFICATE of ANALYSIS (COA)**

COMMON NAME	Caraway CO2
LATIN NAME	<i>Carum carvi</i>
COUNTRY OF ORIGIN	EU
CULTIVATION METHOD	Conventional, Certified Kosher and Halal
TYPE	CO2 Select Extract
EXTRACTION METHOD	Supercritical Extraction
PLANT PART	Seeds
USE	Aromatherapy, Natural Perfumery

SKU	140
LOT #	6
MANUFACTURING DATE	August 2017
BEST BY DATE	August 2022

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.900 – 0.930	0.9105
REFRACTIVE INDEX @20°C	1.480 – 1.495	1.4868
OPTICAL ROTATION @20°C	na	na

PHYSICAL APPEARANCE	Transparent liquid	<i>Conforms</i>
COLOR	Pale yellow	<i>Conforms</i>
ODOR	Spicy, fruity, woody, warm	<i>Conforms</i>
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use.	

PRIMARY CONSTITUENTS	Carvone, Limonene
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COMPONENTS	Range %	%
CONTENT OF ESSENTIAL OIL	75-95	79.9
COMPOSITION OF VOLATILE COMPOUNDS:		
(S)-(+)-CARVONE	50-75	58
LIMONENE *	25-50	39.9
* EU Allergen		

COMMENTS	Odor quality is excellent.
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This CO2 Extract is a 100% pure and natural product and 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.

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