



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Turmeric CO2 - Organic
LATIN NAME	<i>Curcuma longa</i>
COUNTRY OF ORIGIN	India, Indonesia
CULTIVATION METHOD	Certified Organic (USDA, NOP)
TYPE	CO2 Total Extract
EXTRACTION METHOD	Supercritical Fluid Extraction
PLANT PART	Rhizomes
USE	Aromatherapy, Natural Perfumery.

SKU	978
LOT #	17
MANUFACTURING DATE	March 2020
RETEST	March 2025

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY@20°C	0.935-0.965	0.9564
REFRACTIVE INDEX@20°C	1.510-1.580	1.5181
OPTICAL ROTATION @20°C	<i>na</i>	<i>na</i>

PHYSICAL APPEARANCE	Transparent liquid, may be prone to turbidity.	<i>Conforms</i>
COLOR	Golden, orange-yellow.	<i>Conforms</i>
ODOR	Warm, smooth, spicy, woody, with a slightly ginger-like aroma.	<i>Conforms</i>
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use	

PRIMARY CONSTITUENTS	Ar-Turmerone, Alpha-Turmerone, Beta-Turmerone.
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COMPONENTS	% RANGE	%	COMPONENTS	% RANGE	%
VOLATILE COMPONENTS:			CONTENT OF ESSENTIAL OIL	70-90	79.9
AR-TURMERONE	<i>na</i>	28.6			
ALPHA-TURMERONE	<i>na</i>	13.6			
BETA-TURMERONE	<i>na</i>	15.3	CONTENT OF CURCUMINOIDES	<0.5	0.16
SUM of TURMERONES (ar-, α and β)	> 48	57.5			
1,8-CINEOLE	<i>na</i>	1.1	CONTENT OF WATER	<i>na</i>	0.7
CAMPHOR	<i>na</i>	n.d. (<0.01%)			
LIMONENE*	≤ 0.1	<i>na</i>			

* EU Allergen

COMMENTS	Odor quality is excellent.
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This CO2 Total 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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