

CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Turmeric CO2 - Organic
LATIN NAME	<i>Curcuma longa</i>
COUNTRY OF ORIGIN	India
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 #	20
MANUFACTURING DATE	March 2024
BEST BY DATE	March 2029

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY@20°C	0.935-0.965	0.9407
REFRACTIVE INDEX@20°C	1.510-1.580	1.5126
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	89.8
AR-TURMERONE	<i>na</i>	33.7			
ALPHA-TURMERONE	<i>na</i>	20.4			
BETA-TURMERONE	<i>na</i>	16.8	CONTENT OF CURCUMINOIDES	<0.5	0.024
SUM of TURMERONES (ar-, α and β)	> 48	70.9			
1,8-CINEOLE	<i>na</i>	0.56	CONTENT OF WATER	<i>na</i>	0.34
CAMPHOR	<i>na</i>	0.005			
LIMONENE*	≤0.1	<i>na</i>			
<i>* EU Allergen</i>					

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

