



## CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Rosemary Antioxidant CO2 - Organic
LATIN NAME	<i>Salvia rosmarinus</i>
COUNTRY OF ORIGIN	South Africa. Manufactured in the EU.
CULTIVATION METHOD	Certified Organic (USDA, NOP)
TYPE	CO2 Total Extract
EXTRACTION METHOD	Supercritical Fluid Extraction
PLANT PART	Leaves
USE	Antioxidant for Body/Skin Care

SKU	1105
LOT #	31
MANUFACTURING DATE	June 2023
BEST BY DATE	June 2028

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	na	na
REFRACTIVE INDEX @20°C	na	1.4827
OPTICAL ROTATION @20°C	na	na

PHYSICAL APPEARANCE	Viscous Liquid	Conforms
COLOR	Dark brown	Conforms
ODOR	Mild scent of rosemary	Conforms
SOLUBILITY	Soluble in fixed oils. Insoluble in water and alcohol.	
SPECIAL USE INSTRUCTIONS	Dilute before use. May require gentle heating to liquefy.	

PRIMARY CONSTITUENTS	Phenolic Diterpenes. This product is standardized with 60-65% Organic Sunflower Oil.
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COMPONENTS	RANGE %	%	COMPONENTS	RANGE %	%
ROSMANOL	na	0.07	BETULINIC ACID	na	0.76
7-METHYL-ROSMANOL	na	0.04	URSOLIC ACID	na	0.27
CARNOSOL	na	0.55	OLEANOLIC ACID	na	0.47
CARNOSIC ACID	>6	7.0	TOTAL VOLATILE FLAVOR COMPOUNDS	<2	1.1
12-O-METHYL-CARNOSIC ACID	na	0.33	TOTAL CONTENT OF BORNEOL, BORNYL ACETATE, CAMPHOR, 1.8-CINEOLE, VERBENONE	na	0.74
SUM OF PHENOLIC DITERPENES (CALCULATED AS CARNOSIC ACID)	na	8.0	CONTENT OF WATER	< 1	0.48
REFERENCE AO COMPOUNDS CARNOSOL + CARNOSIC ACID (calc as Carnosic Acid)	7 - 10	7.6	RESIDUAL CONTENT OF ETHANOL	<0.5	0.09
METHYL EUGENOL <sup>65</sup>	<0.0025	0.00018			

\* EU Allergen <sup>65</sup>=Prop 65

COMMENTS
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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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