



## CERTIFICATE of ANALYSIS (COA)

<b>COMMON NAME</b>	Sea Buckthorn CO2 - Organic
<b>LATIN NAME</b>	<i>Hippophae rhamnoides</i>
<b>COUNTRY OF ORIGIN</b>	Germany
<b>CULTIVATION METHOD</b>	Certified Organic (USDA, NOP)
<b>TYPE</b>	CO2 Total Extract
<b>EXTRACTION METHOD</b>	Supercritical Fluid Extraction
<b>PLANT PART</b>	Fruit Pulp
<b>USE</b>	Body/Skin Care

<b>SKU</b>	910
<b>LOT #</b>	40
<b>MANUFACTURING DATE</b>	June 2023
<b>BEST BY DATE</b>	June 2028

	<b>SPECIFICATIONS (Range)</b>	
<b>SPECIFIC GRAVITY @20°C</b>	0.900 – 0.925	0.9168
<b>REFRACTIVE INDEX @20°C</b>	1.460 – 1.480	1.4707
<b>OPTICAL ROTATION @20°C</b>	<i>na</i>	<i>na</i>

<b>PHYSICAL APPEARANCE</b>	Slightly viscous oil, some turbidity is common.
<b>COLOR</b>	Orange-red
<b>ODOR</b>	Very subtle aroma, mildly sweet, tart and earthy.
<b>SOLUBILITY</b>	Soluble in fixed oils
<b>SPECIAL USE INSTRUCTIONS</b>	Dilute before use

<b>PRIMARY CONSTITUENTS</b>	Palmitic Acid, Palmitoleic Acid, Oleic Acid.
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\*This product is stabilized with 0.08% Rosemary CO2 Antioxidant Organic

<b>COMPONENTS</b>	<b>% RANGE</b>	<b>%</b>	<b>Components</b>	<b>% RANGE</b>	<b>%</b>
PALMITIC ACID C16:0	30-40	34.7	ALPHA-LINOLEIC ACID C18:3 w3	<5	1.4
PALMITOLEIC ACID C16:1 w7	22-40	29.6	ARACHIDIC ACID C20:0	<i>na</i>	0.22
OLEIC ACID C18:1 w9	10-28	20.7	UNSAPONIFIABLES	1-7	4.9
STEARIC ACID C18:0	<3	0.96	SUM OF CAROTENOIDS	0.10-0.20	0.16
VACCENIC ACID C18:1 w7	4-9	7.0	SUM OF STEROLS	>1	1.7
LINOLEIC ACID C18:2 w6	1-9	5.4	SUM OF TOCOPHEROLS	<i>na</i>	0.12

\* EU Allergen

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.

