

CERTIFICATE of ANALYSIS (COA)

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

SKU	910
LOT #	41
MANUFACTURING DATE	May 2024
BEST BY DATE	May 2029

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.900 – 0.925	0.9196
REFRACTIVE INDEX @20°C	1.460 – 1.480	1.4667
OPTICAL ROTATION @20°C	<i>na</i>	<i>na</i>

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

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

COMPONENTS	% RANGE	%	Components	% RANGE	%
PALMITIC ACID C16:0	30-40	35.2	ALPHA-LINOLEIC ACID C18:3 w3	<5	1.6
PALMITOLEIC ACID C16:1 w7	22-40	28.2	ARACHIDIC ACID C20:0	<i>na</i>	0.26
OLEIC ACID C18:1 w9	10-28	23.5	UNSAPONIFIABLES	1-7	6.9
STEARIC ACID C18:0	<3	1.0	SUM OF CAROTENOIDS	0.10-0.20	0.12
VACCENIC ACID C18:1 w7	4-9	6.7	SUM OF STEROLS	>1	2.4
LINOLEIC ACID C18:2 w6	1-9	3.6	SUM OF TOCOPHEROLS	<i>na</i>	0.16
<i>* EU Allergen</i>					

