



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Pomegranate Seed CO2 - Organic
LATIN NAME	<i>Punica granatum</i>
COUNTRY OF ORIGIN	Turkey
CULTIVATION METHOD	Certified Organic (USDA, NOP)
TYPE	CO2 Total Extract
EXTRACTION METHOD	Supercritical Fluid Extraction
PLANT PART	Seeds
USE	Body/Skin Care

SKU	831
LOT #	26
MANUFACTURING DATE	June 2023
BEST BY DATE	June 2025

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.930 – 0.950	0.9408
REFRACTIVE INDEX @20°C	1.513 – 1.525	1.5153
OPTICAL ROTATION @20°C	<i>na</i>	<i>na</i>

PHYSICAL APPEARANCE	Oil, viscous at room temperature.	<i>Conforms</i>
COLOR	Yellow	<i>Conforms</i>
ODOR	Fatty, fruity odor.	<i>Conforms</i>
SOLUBILITY	Soluble in fixed oils, Insoluble in alcohol and water.	
SPECIAL USE INSTRUCTIONS	Refrigerate to preserve freshness	

PRIMARY CONSTITUENTS	Punicic Acid, Linoleic Acid, Oleic Acid.
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* This product is stabilized with 0.1% Rosemary CO2 Antioxidant Organic

COMPONENTS	% RANGE	%	Components	% RANGE	%
PUNICIC ACID C18:3 w5	> 60	62.4	CLnA ISOMERS	<i>na</i>	22.4
LINOLEIC ACID C18:2 w6	<i>na</i>	5.0			
OLEIC ACID C18:1 w9	<i>na</i>	4.6	CONTENT OF WATER	< 0.5	0.12
PALMITIC ACID C16:0	<i>na</i>	2.7			
PALMITOLEIC ACID C16:1 w7	<i>na</i>	0.02	SUM OF TOCOPHEROLS	<i>na</i>	0.29
STEARIC ACID C18:0	<i>na</i>	1.9	SUM OF STEROLS	<i>na</i>	1.0
VACCENIC ACID C18:1 w7	<i>na</i>	0.59	SQUALENE	<i>na</i>	0.12
ARACHIDIC ACID C20:0	<i>na</i>	0.42			
ALPHA LINOLENIC ACID C18:3 w3	<i>na</i>	0.06			

* EU Allergen

COMMENTS	Odor quality is excellent.
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