

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 #	29
MANUFACTURING DATE	February 2025
UPDATED BEST BY DATE	February 2027

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.930 – 0.950	0.9414
REFRACTIVE INDEX @20°C	1.513 – 1.525	1.5231
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	68.7	CLnA ISOMERS	<i>na</i>	14.6
LINOLEIC ACID C18:2 w6	<i>na</i>	5.0			
OLEIC ACID C18:1 w9	<i>na</i>	5.3	CONTENT OF WATER	< 0.5	0.06
PALMITIC ACID C16:0	<i>na</i>	2.7			
PALMITOLEIC ACID C16:1 w7	<i>na</i>	0.01	SUM OF TOCOPHEROLS	<i>na</i>	0.062
STEARIC ACID C18:0	<i>na</i>	2.2	SUM OF STEROLS	<i>na</i>	0.55
VACCENIC ACID C18:1 w7	<i>na</i>	0.42	SQUALENE	<i>na</i>	0.089
ARACHIDIC ACID C20:0	<i>na</i>	0.67			
ALPHA LINOLENIC ACID C18:3 w3	<i>na</i>	0.48			
<i>* EU Allergen</i>					

COMMENTS	
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	Odor quality is excellent.
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