



Bulk Naturals Wholesale LLC

bulknaturalswholesale.com

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GRAPEFRUIT SEED OIL

CERTIFICATE OF ANALYSIS

LOT: BN0710223/E

Manufacture Date: June 2023

Expiration Date: June 2026

QA Signature: Steven Konert

Description: Clear, light yellow liquid with a characteristic odor.

Specification	Units	Limits		Result
		Min.	Max	
FFA (oleic acid)	%		0.5	0.1
Peroxide Value	meqO ₂ /kg		5	1.1
Relative Density	gr/cm ³	0.91	0.92	0.915
Refractive Index	nr	1.465	1.478	1.471
Iodine Value	grI ₂ /100 gr	100	120	112
Color	R/Y		2.5 R / 35 Y	1.8 R / 26 Y
Fatty Acid Profile (Area)				
Palmitic Acid (C:16:0)	%	18	26	19.8
Stearic Acid (C:18:0)	%	2	4	3.7
Oleic Acid (C:18:1)	%	22	32	29.4
Linoleic Acid (C:18:2)	%	38	48	42.1
Linolenic Acid (C:18:3)	%	2	4	3.2
Arachidic Acid (C:20:0)	%		0.5	0.2

Shelf life is guaranteed for three years from the date of production if the product is stored in the unopened original container between 15°C - 30°C, protected from light. Containers that have been opened should be tested at least yearly to ensure potency. Although Bulk Naturals Wholesale LLC. believes the above information to be accurate based on the information available to Bulk Naturals, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to using to verify that the product purchased from Bulk Naturals meets their quality requirements and is appropriate for the use to which the product is to be put. The information provided above shall be considered effective only for the lot with which the information is being provided. Use and purchase of this material are subject to Bulk Naturals Wholesale LLC. standard terms and conditions, which supersede any conflicting terms contained on the Buyer's purchase order or any document or instrument supplied by the Buyer.