



Bulk Naturals Wholesale LLC

bulknaturalswholesale.com

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BLACK CUMIN SEED OIL - VIRGIN ORGANIC

CERTIFICATE OF ANALYSIS

LOT: BN1508110822/C

Manufacture Date: August 2022

QA Signature: Steven Konert

Expiration Date: August 2024

Specification	Parameter	Results
Appearance	Dark amber to black liquid.	Complies
Odor	Nutty, bitter, pungent odor.	Complies
Solubility	Soluble in oil. Insoluble in water	Complies
Relative Density	0.910 - 0.935 at 20°C.	0.920
Refractive Index	1.44 - 1.50	1.473
Peroxide Value,	max 100.0	40.0
Acid Value	Max. 10 (mg KOH/g)	2.8
Saponification Value	180 - 210 (mg KOH/g)	191
Palmitic Acid (C16:0)	8 - 15%	12.2
Stearic Acid (C18:0)	<5 %	3.1
Iodine Value	120 - 140	120
Oleic acid (C:18:1)	18 - 30%	23.8
Linoleic Acid (C18:2)	50 - 65%	56.6
Alpha Linolenic acid	Max 1.0 %	0.2

Storage: Store in air tight containers; in a cool dry area; away from direct sunlight.

Shelf life is guaranteed for two 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 Buyer.