BLACK CUMIN SEED OIL - VIRGIN ORGANIC
CERTIFICATE OF ANALYSIS
LOT: BN15081106211/C

Manufacture Date: June 2022

Expiration Date: June 2024

QA Signature: Steven Konert

Specifications	Parameter	Result
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.	Complies
Refractive Index	1.44 - 1.50	Complies
Peroxide Value	max 100.0	Complies
FFA (as oleic acid)	Max. 5	Complies
Acid Value	Max. 10 (mg KOH/g)	Complies
Saponification Value	180 – 210 (mg KOH/g)	Complies
Palmitic Acid, C16:0	8 - 15%	Complies
Stearic Acid, C18:0	<5 %	Complies
Iodine Value	120 - 140	Complies
Oleic acid (C:18:1)	18 - 30%	Complies
Linoleic Acid, C18:2	50 - 65%	Complies
Alpha Linolenic acid	Max 1.0 %	Complies

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.