

## bulknaturalswholesale.com

212 N Jefferson Unit 12A Ava, Mo 65608, USA / Phone: 1-573-465-0612

## **BLUEBERRY SEED OIL - VIRGIN**

CERTIFICATE OF ANALYSIS

LOT: BN27922/C

Manufacture Date: August 30, 2022 Expiration Date: August 30, 2024 QA Signature: Steven Konert

Specification	Result
Physice	al and Chemical Property
Appearance	Dark blue colored liquid.
Odor	Very mild characteristic blueberry odor.
Specific Gravity	0.915 - 0.930 @ 25°C.
Refractive Index	1.470 - 1.490 @ 20°C.
Acid Value	< 2.0
Saponification Value	175 – 200 mgKOH/
Peroxide Value	< 10.0
Iodine Value	139 - 176
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water.
	Free Fatty Acids
Palmitic Acid (C:16:0)	3.50 - 7.00
Stearic Acid (C:18:0)	0.60 - 6.00
Oleic Acid (C:18:1(n-9))	16.00 - 25.00
Linoleic Acid (C:18:2 (n-6))	41.00 - 57.0
Alpha-Linolenic Acid (C:18:3 (n-3))	16.00 - 27.00

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 the Buyer.