



Bulk Naturals Wholesale LLC

bulknaturalswholesale.com

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CASTOR OIL - ORGANIC

CERTIFICATE OF ANALYSIS

LOT: BN0423/C

Manufacture Date: April 2023

Expiration Date: April 2026

QA Signature: Steven Konert

Specification	Units	Limit		Results
		Min.	Max	
Free Fatty Acid Value	%		1.5	0.11
Saponification Value		176	185	184.29
Hydroxyl Value		160	168	162.71
Peroxide Value				0.00
Unsaponifiable matter	%			0.55
Iodine Value	gI2/100g	82	90	89.32
Specific Gravity @30°C	g/ml			0.9590
Heavy Metals	%		0.001	< 0.001
Distinction				Conforms
Fatty Acid Profile (Area %)				
C:16:0 Palmitic	%		2.0	1.12
C:18:0 Stearic	%		2.5	0.986
C:18:1 Oleic	%	2.5	6.0	2.749
C:18:2 Linoleic	%	2.5	7.0	4.797
C:18:3 Linolenic	%		1.0	0.453
C:20:1 Eicosenic	%		1.0	0.278
Ricinoleic Acid	%	85.0	92.0	88.717
cis-11-Octadecenoic or other unidentified fatty acid	%		1.0	0.627
Triglyceride Composition				
RRR	%	90.0		91.91
RRL	%	2.0	4.0	3.78
RRO	%	2.5	5.0	3.61
RRS	%	0.2	0.8	0.70

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 Buyer.