



Bulk Naturals Wholesale LLC

bulknaturalswholesale.com

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

SPEARMINT ESSENTIAL OIL

CERTIFICATE OF ANALYSIS

LOT: BN50022111221/E

Manufacture Date: April 2022

Expiration Date: April 2025

QA Signature: Steven Konert

Specifications	Parameter	Result
Appearance	Colorless to pale yellow liquid.	Complies
Odor	Characteristic minty/spicy odor.	Complies
Solubility	Insoluble in water.	Complies
Specific Gravity	0.900 to 0.990 @ 20°C.	0.9870
Refractive Index	1.480 to 1.495 @ 20°C.	1.4871
Optical Rotation	-20° to -75° @25°C.	-24°C
Carvone	55 to 85.0 %	57.3
Cineole	1.0 to 3.0 %	1.53
Limonene	15.0 to 30.0 %	18.77
Alpha-pinene	0.8 to 1.5 %	0.85

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

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 is subject to Bulk Naturals Wholesale LLC. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.