



# Bulk Naturals Wholesale LLC

**bulknaturalswholesale.com**

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

## PURE VITAMIN K2 MK7 MENAQUINONE-7 - OIL SOLUBLE

### CERTIFICATE OF ANALYSIS

LOT: BN240920/LBE

**Manufacture Date:** September 20, 2022

**QA Signature:** Steven Konert

**Expiration Date:** September 20, 2024

Specification	Parameter	Result
Appearance	Translucent yellow liquid.	Translucent yellow liquid.
Assay(HPLC)	≥ 1% (>10000ug/g)	1.10%
Density	0.918-0.923	0.920
Refractive Index	1.461-1.468	1.465
Transparency	Clear Transparent Oil	Complies
Smoke Point	≥ 215°C	Complies
Freezing Test(0°C,5.5h)	Clear Transparent Oil Com	Complies
Lodine Value	118 - 194	130
Saponification Value	188 - 194	190
Unsaponifiable Matter	≤ 15ppm	Complies
Volume Containing Soap	Not detected	Complies
Moisture	≤ 0.2%	0.16%
Insoluble Impurities	≤ 0.2%	0.15%
Residue Dissolvent(mg/kg)	Not Detected	Not Detected
<b>Sunflower Oil Compenents</b>		
Palmitate Acid 5	5.0 ~ 7.6%	5.7%
Stearic Acid	2.7 ~ 6.5%	3.9%
Oleic Acid	14.0 ~ 39.4%	28.8%
Linoleic Acid	48.3% ~ 74.0%	59.5%
Total aerobic count(CFU/g)	≤ 1000	< 100
Yeast & Molds(CFU/g)	≤ 100	< 10
Salmonella SP	Negative	Negative
E.Coli	Negative	Negative

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.