

Certificate of Analysis

Product: Vitamin K2 (MK-7) oil
(α -E)-2-13.7.11,15,19,23,27-Haptamethyl-2,6,10.14,18,22.
26-octacoheptaenyl-3-methyl-1,4-naphthalenedione;MK-7(oil);Menaquinone-7(oi)

Lot: 471-25053001

Grade: Food Grade

CAS: [27670-94-6]

Mol.Formula: C₄₈H₈₄O₂

Mol.Weight: 649.0

Packing: 10Kg

Item	Specification	Result
Assay(HPLC,Menaquinone-7)	≥5.0%(>50000ug/g)	5.20%
Refractive index	1.461~1.468	1.464
Transparency	Clear transparent oil	Complies
Acid value	≤1.5mgKOH/g	0.87mgKOH/g
Peroxide value	≤10mmol/Kg	6.30mmol/Kg
Insoluble impurities	≤0.1%	Complies
Residue solvent(mg/Kg)	Not detected	Complies
Fe	≤3ppm	Complies
Cu	≤0.1ppm	Complies
Olive Oil components		
Palmitate acid	7.5~20.0%	12.5%
Stearic acid	0.5~5.0%	3.1%
Oleic acid	55.0~83.0%	61.2%
Linoleic acid	3.5~21.0%	15.5%
Total aerobic count (CFU/g)	≤1000	Complies
Yeasts &Molds(CFU/g)	≤100	Complies
Salmonella SP	Negative	Negative
E.Coli	Negative	Negative
Appearance	Pale yellow oily liquid	Pale yellow oily liquid

Storage:Store at 2~8°C.Protect from light and moisture.

Mfg:May 30, 2025

Exp:May 29, 2027

Tested by:

Reviewed by: