

# MenaQ7 Natural Sunflower Oil

## Product Specification

**MenaQ7®**  
Vitamin K2 as MK-7

Updated 29.10.18

The MenaQ7 Natural product range is a high purity vitamin K2 as MK-7 derived from natural fermentation, using a substrate based on chickpea powder.

### Regulatory Compliance

EFSA:

Novel Food

FDA:

SaGRAS

### Product description

Product name	MenaQ7 10,000 ppm Natural Sunflower Oil	
Item code	NP-0199-20504	
Content vitamin K2	10,000 mcg K2 as MK-7/g	
Packaging	Food grade aluminium bottle with tamper evident sealing	
Contaminants	Aflatoxins comply with cUSP/cEP	Pesticides comply with cUSP/cEP
Product characteristics	Pale yellow oil	Insoluble in water

### Shelf life, storage and handling

Shelf life	Best before 30 months from manufacturing date if unopened and kept in correct storage conditions	
Light sensitivity	The product is very light sensitive and exposure may deteriorate K2 activity	
Storage	Keep in original sealed container	Temperature: 5 - 25°C/41 - 77°F
	30 - 50% relative humidity	

### Parameters to be tested and reported on COAs

Parameters	Specification	Unit	Procedure	Test frequency
Identity	To match standard HPLC Profile	ppm	HPLC	Every batch
Total Vitamin K2	> 10,000	ppm	HPLC	Every batch
Lead (Pb)	≤ 0,5	ppm	cUSP/cEP	Every third batch
Mercury (Hg)	≤ 0,1	ppm	cUSP/cEP	Every third batch
Cadmium (Cd)	≤ 0,3	ppm	cUSP/cEP	Every third batch
Arsenic (As)	≤ 0,5	ppm	cUSP/cEP	Every third batch
Total aerobic microbial count	≤ 10 <sup>3</sup>	cfu/g	cUSP/cEP	Every batch
Total combined mold and yeast	≤ 10 <sup>2</sup>	cfu/g	cUSP/cEP	Every batch
<i>Escherichia coli</i>	Absent in 1	g	cUSP/cEP	Every batch
<i>Salmonella spp.</i>	Absent in 10	g	cUSP/cEP	Every batch
<i>Staphylococcus aureus</i>	Absent in 1	g	cUSP/cEP	Every batch
<i>Bile-tolerant gram-negative bacteria*</i>	≤ 10 <sup>2</sup>	cfu/g	cUSP/cEP	Every batch

\*Bile-tolerant gram-negative bacteria include members of the family *Enterobacteriaceae*, *Pseudomonads* and *Aeromonas*.