

# Vitamin K2 as MK-7 (2000 ppm)

## PRODUCT SPECIFICATIONS



Description: Light to dark brown powder

TESTS	SPECIFICATIONS	ANALYTICAL METHOD REFERENCE
Identification		
- HPLC	Positive	MA-022
Vitamin K2 (MK-7) assay (calculated with reference to the dried substance)	≥ 2000 ppm	MA-022
Loss on drying	≤ 10.0 %	MA-023
Heavy metals	≤ 10 ppm	Ph. Eur. 2.4.8, method C/MA-009
Lead	≤ 1.0 ppm	USP <233> / Ph. Eur. 2.2.58 or 2.2.57
Cadmium	≤ 0.5 ppm	USP <233> / Ph. Eur. 2.2.58 or 2.2.57
Mercury	≤ 0.1 ppm	USP <233> / Ph. Eur. 2.2.58
Arsenic	≤ 1.5 ppm	USP <233> / Ph. Eur. 2.2.58 or 2.2.57
Bulk density	0.3 – 0.7 g/ml	Ph. Eur. 2.9.34 / MA-027
Microbiological purity:		
- Total aerobic microbial count	≤ 10 <sup>3</sup> CFU/g	USP <2021>
- Total combined yeasts & molds count	≤ 10 <sup>2</sup> CFU/g	USP <2021>
- E. coli	Absent / 10 g	USP <2022>
- Salmonella Sp.	Absent / 10 g	USP <2022>
- S. aureus	Absent / 10 g	USP <2022>

<b>Storage conditions:</b>	Stored in the unopened original packaging at ambient temperature (max. 30 °C) in a dry place, the product is stable for the entire re-testing period. The product is sensitive to light. Protect it carefully.
<b>Re-testing period:</b>	36 months
<b>Packing:</b>	LDPE (low-density polyethylene) bags put inside of aluminium compound foil bags sealed under vacuum.
<b>Packing size:</b>	1 kg, 5 kg, 25kg
<b>Certifications:</b>	Kosher (KOF-K Kosher Supervision)

Code: 0-V03

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**Gnosis S.p.A.**  
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