



Specification

Concerning Product:	
Article number	84800NPEUL
Trade name / designation / denomination	Vitamin K1 5%
CAS number	84-80-0
Other names / synonyms	•2-methyl-3-phytyl-1,4-naphthoquinone; •Vitamin K1; •Vitamin K1, dry; •phytomenadione;
EC number	201-564-2
Customs tariff number / CN code / TARIC	29362900

Parameter	Specification	Unit
Organoleptic test		
Appearance	dry formulation vitamin K 1 on a matrix of glucose syrup free-flowing, light yellow powder, consisting of almost spherical particles or agglomerates	
Physical parameter		
Loss on drying	(105 °C) ≤ 5	%
Bulk density	≤ 0,6	g/ml
Solubility	forms a relatively stable milky emulsion in water at 10°C	
Identity		
Assay	≥ 5.00	%
Impurities		
Heavy Metals (as Pb)	Größenverteilung 80 mesh (Sieben): ≤ 10	ppm
Elemental Impurities		
Arsenic (As)	based on random sampling ≤ 1	ppm
Cadmium (Cd)	≤ 1	ppm
Mercury (Hg)	based on random sampling ≤ 0,1	ppm
Lead (Pb)	≤ 2	ppm
Microbiological data		
Escherichia Coli.	not detectable in 1 g	CFU/g
Salmonella	not detectable in 25 g	
Total Plate Count	≤ 1000	CFU/g
Yeast and Mould	≤ 200	CFU/g
Particle size distribution		
Particles	80 mesh: ≥ 100	%

Regulatory information:

Allergens statement: According to Annex II of Regulation (EU) No **1169/2011** of the European Parliament and of the Council of 25th October 2011 and its amendment (EU) No **78/2014** on substances or products the above mentioned product does NOT cause allergies or intolerances and does NOT contain any allergens which have to be labelled according to these regulations.

BSE/TSE statement: Risk of BSE/TSE contamination can be excluded.

GMO statement: Genetic engineering:

For the above mentioned product there is no obligation of g.m.o. labelling as defined by the Regulations (EC) No **1829/2003** and **1830/2003** of the European Parliament and the Council of 22nd September 2003.

Irradiated Status: Non-irradiated

Supplemental information:

Shelf life: 36 month

Derivation: synthetic

Note: Traceability

According to Regulation (EC) No **178/2002** the traceability of the raw materials for the product is guaranteed one step backwards and of produced batches one step forward. All instructions, which are necessary to take these steps, are implemented in the Quality manual and management system according to IFS and BRC.

Storage conditions: Protect from light and store cool and dry in well-closed original packaging. The temperature should not exceed 25 °C.

Usage: food grade

The product is suitable for a vegetarian nutrition.

The product is suitable for a vegan nutrition.

The product is suitable for lactose intolerance diet.

The product is suitable for people with coeliac disease and sprue.

The product is in compliance with Jewish dietary laws.

The product is in compliance with Islamic dietary laws.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 29. Oct. 2019

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