



Specification

Concerning Product:	
Article number	2124574PL02
Trade name / designation / denomination	Vitamin K2-7 0,2% +MCC
CAS number	2124-57-4
Other names / synonyms	•2methyl-3-all-trans-farnesyl digeranyl-1,4-naphthoquinone; •Menaquinone-7; •Vitamin K2 MK-7;
EC number	
Molecular weight [g / mol]	649,01
Formula	C ₄₆ H ₆₄ O ₂

Parameter	Specification	Unit
Organoleptic test		
Appearance	off-light to light yellow powder	
Physical parameter		
Loss on drying	≤ 6,0	%
Solubility	Sol. in n-hexane and ethanol; slightly sol. in methanol; insol. in water	
Identity		
Assay	Carrier Mcc (microcrystalline cellulose)	
Assay	on dry basis ≥ 0,20	%
Identification	meets the requirements	
Impurities		
Heavy Metals (as Pb)	≤ 10	ppm
Impurity	Menadione Not detectable by color reaction	
Elemental Impurities		
Arsenic (As)	≤ 1	ppm
Cadmium (Cd)	≤ 1	ppm
Mercury (Hg)	≤ 0,1	ppm
Lead (Pb)	≤ 3	ppm
Microbiological data		
Escherichia Coli.	Negative	CFU/g
Salmonella	Negative	
Staphylococcus Aureus	Negative	
Total Plate Count	≤ 10000	CFU/g
Yeast and Mould	≤ 200	CFU/g
Particle size distribution		
Particles	through 80mesh ≤ 90	%

Supplemental information:

Shelf life: 2 years

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 09. Jul. 2019

LF-Basis: ()

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