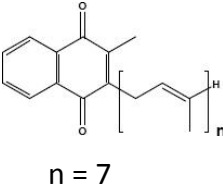


Career Henan Chemical Co

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Product name:	Vitamin K2 MK-7 0.2% MCC Powder	
Synonyms:	MK-7; Menaquinone-7; Menaquinone 7; Vitamin MK 7 2-methyl-3-all-trans-farnesyl digeranyl-1,4-naphthoquinone	
Formula:	C46H64O2	
Chemical structure:	 n = 7	
Molecular:	649.1	
CAS number:	2124-57-4	
Shelf life:	2 years from date of production	
Storage:	Keep container unopened in cool, dry place	
ANALYSIS	SPECIFICATION	RESULT
Appearance:	Light yellow to off-white powder	Complies
Identification:	Certified by IR & color reaction	Complies
Solubility:	Soluble in n-hexane and ethanol; slightly soluble in methanol; insoluble in water	Complies
Carrier:	Microcrystalline cellulose, MCC	Complies
Particle size:	90% through 80 mesh	Complies
Loss on drying:	NMT 5.0%	2.9%
Heavy metals:	NMT 10 ppm	< 10 ppm
Arsenic:	NMT 1 ppm	< 1 ppm
Menadione:	Not detectable by color reaction	Complies
Assay (on dry basis)	NLT 0.2% (as C46H64O2)	0.22%
Total plate count::	NMT 3,000 cfu/g	<500 cfu/g
Yeast & Mold:	NMT 300 cfu/g	<100 cfu/g
E. Coli:	Negative	Complies
Salmonella:	Negative	Complies
Staphylococcus Aureus:	Negative	Complies
Lead:	3.0 mg/kg max	Complies
Cadmium	1.0 mg/kg max	Complies
Arsenic	1.0 mg/kg max	Complies
Mercury	0.1 mg/kg max	Complies

Analyst: 连俊昊

Supervisor: 李文

