



Xi'an Green Spring Technology Co.,Ltd

Certificate of Analysis

Name	Vitamin K2(MK-4) 2-Methyl-3-all-trans-farnesyl digeranyl-1,4-naphthoquinone;MK-4		
Manufacturing Date	2023-05-28		
Expire Date	2025-05-27		
Batch No.	PC-230528		
Quantity	25kgs		
Grade	Food Grade		
	Items	Specification	Results
Appearance	Pale yellow or white powder	Conforms	
Purity (HPLC,Menaquinone-4)	>1.3%(>13000ug/g)	1.33%	
Phann. excipient(Carbohydrate)	>90.0%	90.4%	
Identification	Yellow brown precipitate	Yellow brown precipitate	
PH	5.5-8.0	7.5	
Loss on drying	<10.0%	8.2%	
Residue on ignition	≤0.1%	<0.1%	
Reducing sugar	≤0.2%	<0.2%	
Fatty acid	Negative	Negative	
Starch	Negative	Negative	
Heavy metals	≤10ppm	<10ppm	
Arsenic	≤2 ppm	Complies	
Pesticides residue	Negative	Negative	
Total aerobic count (CFU/g)	≤1000	Complies	
Yeasts & Molds (CFU/g)	≤100	Complies	
Salmonella SP.	Negative	Negative	
E. Coli	Negative	Negative	
Shelf Life	24 months under the condition below, no antioxidant used		
Package& Storage	Standard packed if in 1 kg/aluminum foil bag Store at 0-8℃temperature. Protect from light and moisture.		

Quality Assurance: Liang Yan

