



Xi'an Green Spring Technology Co.,Ltd

Certificate of Analysis

Product Name: Menatetrenone 7 Vitamin K2 MK7
Other Names: 2-Methyl-3-all-trans-famesyl digeranyl-1, 4-naphthoquinone; MK-7
Grade: Food Grade
Lot No.: PC211218
Mfg.: Dec. 18, 2021
Exp.: Dec. 17. 2023
CAS NO.: (27670-94-6)
Mol. Formula: C46H64O2
Mol. Weight: 649.0

Item	Specifications	Results
Purity(HPLC,Menaquinone-7)	≥1.5%(>15000ug/g)	1.57%
Pharm.excipient(Carbohydrate)	≥90.0%	90.4%
Identification	Yellow brown precipitate	Yellow brown precipitate
pH	5.5~8.0	6.6
Loss on drying	≤10.0%	7.5%
Residue on ignition	≤0.1%	<0.1%
Reducing sugar	≤0.2%	<0.2%
Starch	Negative	Negative
Fatty acid	Negative	Negative
Heavy metals	≤10ppm	<10ppm
Arsenic	≤2ppm	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
Apperance	Pale yellow or white crystalline	Pale yellow or white crystalline powder

Quality Assurance: Liang Yan

