



西安绿泉科技有限公司
Xi'an Green Spring technology Co.,Ltd

CERTIFICATE OF ANALYSIS

Product : Vitamin K2(MK-7)
(all-E) - 2-(3,7,11,15,19,23,27-Heptamethyl-2,6,10,14,18,22,26-octacosaeptenyl)-3-methyl-1,4-naphthalenedione
Lot : GS230104
Grade: Food Grade
CAS : [27670-94-6]
Mol. Formula : C₄₆H₆₄O₂
Mol. Weight : 649.0
Packing : 1Kg

Item	Specification	Result
Purity (HPLC,Menaquinone-7)	≥1.50%(>5000ug/g)	1.55%
Pharm.excipient(Carbohydrate)	≥90.0%	90.1%
Identification	Yellow brown precipitate	Yellow brown precipitate
pH	5.5~8.0	7.6
Loss on drying	≤10.0%	8.0%
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	Pass
Pesticides residue	Negative	Negative
Total aerobic count (CFU/g)	≤1000	Pass
Yeasts & Molds (CFU/g)	≤100	Pass
Salmonella SP.	Negative	Negative
E. Coli	Negative	Negative
Appearance	Pale yellow or white crystalline powder	Pale yellow or white crystalline powder

Storage : Store at 2~8C. Protect from light and moisture.

Mfg:2023.01.04
Exp:2025.01.03

