

CERTIFICATE OF ANALYSIS

Product Name	Vitamin K1 5% CWD	Batch No	PY-VK20210309
Quantity	1000KG	Analysis Date	Mar.12,2021
Mfg. Date	Mar.09,2021	Exp. Date	Mar.08,2023
Package	25kg/Drum	Standard	USP

No.	Item	Specification	Result
1.	Appearance	Light yellow to yellow free-flowing beadlets or powder	Complies
2.	Identification	The sample chromatogram obtained from the assay preparation exhibits a major peak at the same retention time as that of a suitable reference standard similarly prepares and chromatographed	Complies
3.	Dispersibility	Cold water disperse	
4.	Assay	≥5.0%	5.30%
5.	Loss on Drying	≤5.0%	≤3.7%
6.	Heavy Metals	≤10ppm	<10ppm
7.	Pb	≤2.0ppm	<2.0ppm
8.	As	≤2.0ppm	<2.0ppm
9.	Cd	≤1.0ppm	<1.0ppm
10.	Hg	≤0.1ppm	<0.1ppm
11.	Total Plate Count	≤1,000cfu/g	50cfu/g
12.	Yeasts & Molds	≤300cfu/g	30cfu/g
13.	E.Coli	Negative	Negative
14.	Salmonella	Negative	Negative
15.	Conclusion	Conform to the USP Standard.	

Analyst: xuli

QC: lixiaochen