

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name:	Vitamin K1 powder
Batch Number:	V20250322
Manufacture Date:	2025/03/22
Expire Date:	2028/03/21
Issue Date:	2025/03/23
Shelf Life:	3 years when properly stored

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Characteristics	Primrose powder	Confirms
Assay	$\geq 1.0\%$	1.22%
Particle size	$< 180\mu\text{m}$	120 μm
Loss on drying	$\leq 5.0\%$	3.21%
Residue on ignition	$\leq 0.5\%$	0.15%
Ferrite	≤ 50 ppm	Confirms

Heavy Metals

Analysis Item	Specification	Result
Heavy Metals	NMT 10 ppm	< 10 ppm
Lead (Pb)	NMT 1 ppm	< 1 ppm
Arsenic (As)	NMT 1 ppm	< 1 ppm
Mercury (Hg)	NMT 0.1 ppm	< 0.1 ppm
Cadmium (Cd)	NMT 1 ppm	< 1 ppm

Microbiological Tests

Analysis Item	Specification	Result
Total Plate Count	NMT 250 cfu/g	Confirms
Total Yeast & Mold	NMT 50 cfu/g	Confirms
E. coli	< 10 cfu/g	Confirms
Coliforms	< 3 cfu/g	Confirms
Salmonella	Negative (Absent in 25g)	Confirms
Staphylococcus	< 10 cfu/g	Confirms

General Status: Non-GMO, Non-Irradiation, Free of BSE/TSE