BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Vitamin K2 (Menaquinone-7) 1.3% in Calcium Hydrogen Phosphate (DCP)
Batch No	2610D11
CAS No.	2124-57-4
Manufacturing Date	2026/10/11
Expiry Date	2029/10/10
Shelf Life	3 years
Storage	Store in a dry & cool place, keep away from light, moisture, heat & oxygen

Chemical & Physical Analysis

Test parameter	Requirements	UoM	Results
Appearance (Internal)	Yellow powder		Yellow powder
Menaquinone-7 (HPLC, Internal)	≥1.3	%	1.48
Odor (Internal)	No offensive taste and smell		Complies
Loss on Drying (GB 5009.3)	2.0–3.5	%	2.3
Reducing Sugar (GB/T 5009.7)	≤0.2	%	0
Starch (IP)	Negative		Negative
Fatty Acid (GB 5009.168)	Negative		Negative
Heavy Metals (GB 5009.74)	≤10	ppm	<10
Arsenic (GB 5009.11)	≤2	ppm	<0.02
Lead (GB 5009.12)	≤2	ppm	0.241
Mercury (GB 5009.17)	≤0.1	ppm	<0.003
Cadmium (GB 5009.15)	≤0.3	ppm	0.011
Pesticides Residue (EP)	Negative		Negative
Solvent Residue – Ethanol (USP467)	≤500	ppm	90

Microbiological Analysis

Test parameter	Requirements	UoM	Results
Total Plate Count (GB 4789.2)	≤1000	CFU/g	<10
Yeasts & Molds (GB 4789.15)	≤50	CFU/g	<10
Salmonella SP. (GB 4789.4)	Negative in 25g		Not detected
Staphylococcus Aureus (GB 4789.10)	Negative in 25g		Not detected
E. Coli (GB 4789.38)	Negative in 25g		Not detected

Conclusion: Product complies with the above specifications.

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