BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Vitamin D3 Powder
Batch No	2026021302
Manufacturing Date	2026-02-13
Expiry Date	3 years
Standard	USP/EP

Physical & Chemical Characteristics

Analysis Item	Specification	Test Method	Result
Description	White to light yellow powder, no foreign objects visible, no foreign matter and no odor.	Visual	Complies
Identification	Retention time conforms to reference solution	HPLC	Complies
Particle Size	100% pass through sieve 40 mesh Min.90% pass through sieve 80 mesh	USP<786> / Ph.Eur.2.9.12	100% / 99.5%
Vitamin D3 Assay	≥100,000 IU/g	HPLC	111,000 IU/g
Loss on drying	≤5.0%	USP<731> / Ph.Eur.2.2.32	4.7%

Heavy Metals

Analysis Item	Specification	Test Method	Result
Heavy Metals (as Pb)	≤10.00 ppm	USP<231>Ⅱ / Ph.Eur.2.4.8	Complies
Lead (Pb)	≤2.00 ppm	USP<251> / Ph.Eur.2.4.10	<0.06 ppm
Arsenic (As)	≤2.00 ppm	USP<211>Ⅱ / Ph.Eur.2.4.2	0.02 ppm
Cadmium (Cd)	≤1.00 ppm	USP<233>	/
Mercury (Hg)	≤0.10 ppm	USP<233>	/

Microbiological Tests

Analysis Item	Specification	Test Method	Result
Total aerobic microbial count	≤1000 CFU/g	USP<2021> Ph.Eur.2.6.12	10 CFU/g
Total moulds and yeasts	≤100 CFU/g	USP<2021> Ph.Eur.2.6.12	<10 CFU/g
Enterobacterial	≤10 CFU/g	USP<2021> / Ph.Eur.2.6.13	<10 CFU/g
Escherichia coli	n.d.10g	USP<2022> / Ph.Eur.2.6.13	/
Salmonella	n.d.25g	USP<2022> / Ph.Eur.2.6.13	/
Staphylococcus aureus	n.d.10g	USP<2022> / Ph.Eur.2.6.13	/

Remarks:

1. Store in a sealed, dark, and dry place (recommended storage temperature below 25℃).
2. The products in this report are in compliance with export health standards and are for export use only!

BaseBulk