



CERTIFICATE OF ANALYSIS

Product Name:	Vitamin D2 Powder
Batch Number:	VD20250325
Batch Quantity:	1725.6 kg
Manufacture Date:	2025/03/25
Expire Date:	2028/03/24
Issue Date:	2025/03/26

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	White to light yellow powder	Conforms
Odor & Taste	Characteristic	Conforms
Identification	The retention time of the principal peak conforms to which in the reference solution	Conforms
Assay	≥100,000 IU/g	112,000 IU/g
Particle size	100% pass through sieve 40 mesh Min.90% pass 80 mesh	100% 100%
Loss on Drying	≤5.0%	4.00%

Heavy Metals

Analysis Item	Specification	Result
Heavy Metals	NMT 10 ppm	<10 ppm
Lead (Pb)	NMT 2 ppm	<0.05 ppm
Arsenic (As)	NMT 2 ppm	<0.005 ppm
Mercury (Hg)	NMT 0.1 ppm	/
Cadmium (Cd)	NMT 1 ppm	/

Microbiological Tests

Analysis Item	Specification	Result
Total Plate Count	NMT 1,000 cfu/g	10 cfu/g
Total Yeast & Mold	NMT 100 cfu/g	<100 cfu/g
E. coli	n.d./10g	Conforms
Salmonella	n.d./25g	Conforms

Staphylococcus	n.d./10g	Conforms
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General Status: Non-GMO, Allergen Free, Non-Irradiation

Packaging & Storage: Pack in paper-drums and two food grade poly bags inside.
Net weight: 25kg/drum.

Store in a well-closed place with constant low temperature and no direct sunlight.

Grade: Food grade

Base Bulk