

Certificate of Analysis

Vitamin D3 500,000 IU/G

CAS No.	67-97-0	Code	BIOJVD3H5
Batch No	S2503001	Manufacture Date	Feb.26, 2025
Expiry Date	Feb.25, 2027	Quantity	1Kg

Testing Items	Specifications	Results
Appearance	White to off-white free flowing powder	Complies
Identification(HPLC)	The retention time of the major peak of the sample solution corresponds to the standard solution	Complies
Loss on drying	≤5.0%	3.18%
Vitamin D3 Content	≥500,000IU/g	533,800IU/g
Water Dispersibility	Easily dispersed in cold water 15°C to form a homogeneous and stable emulsion	Complies
Granularity: go through the sieve of 60 mesh	≥90.0%	99.5%
Heavy Metal	≤10ppm	Complies
Lead	≤2ppm	<2ppm
Arsenic	≤1ppm	<1ppm
Mercury	≤0.1ppm	<0.1ppm
Cadmium	≤1ppm	<1ppm
Microbial Limit Test Total Plate Count Yeast & Mold Coliforms E. Coli Salmonella S. aureus	≤1000cfu/g ≤100cfu/g ≤0.3MPN/g Negative/10g Negative/25g Negative/25g	<10cfu/g <10cfu/g <0.3MPN/g Negative Negative Negative
Conclusion	This product conforms to EP11 standard	

***Storage condition: Store below 25°C, Protect from moisture and light.**