XIAMEN KINGDOMWAY BIOTECH CO.,LTD.

CERTIFICATE OF ANALYSIS

Report Date: Aug. 17, 2026

Name	:Vitamin D_3 Powder	**Quantity**	:500kg
Batch No.	:5431-2608005	**Type**	:CWD(Food Grade)
Manu. Date	:Aug.09, 2026	**Expiry Date**	:Aug.08, 2028
Spec.	:100,000IU/g	**Standard**	:EP11.0

ITEM	SPECIFICATION	RESULT
1. Appearance	White or off-white free flowing powder	Complies
2. Identification HPLC	The retention time of the major peak of the sample solution corresponds to the standard solution.	Complies
3. Loss on drying	≤5.0%	3.70%
4. Vitamin D_3 Content	≥100,000IU/g	105,500IU/g
5. Water Dispersibility	Easily dispersed in cold water 15°C to form a homogeneous and stable emulsion	Complies
6. Granularity: go through the sieve of 60 mesh	≥90.0%	99.4%
7. Heavy Metal	≤10ppm	Complies
8. Lead	≤2ppm	<2ppm
9. Arsenic	≤1ppm	<1ppm
10. Mercury	≤0.1ppm	<0.1ppm
11. Cadmium	≤1ppm	<1ppm
12. Microbial Limit Test		
(1) Total Plate Count	≤1000cfu/g	<10cfu/g
(2) Yeast & Mold	≤100cfu/g	<10cfu/g
(3) Coliforms	≤0.3MPN/g	<0.3MPN/g
(4) E. Coli	Negative/10g	Negative
(5) Salmonella	Negative/25g	Negative
(6) S. aureus	Negative/25g	Negative

Conclusion: Conform to EP11.0.
Storage: Store in tightly closed original container, protected from light, in a dry place at room temperature (max. 25°C).

For & on behalf of
Xiamen Kingdomway Biotech. Co., Ltd.

Authorized Signature

File No. XKG-B-4001-00

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