

## Specification

Product: Vitamin D3 Powder 500,000IU/g Food Grade CWD

Type: Food Grade

Package: 20KG/Carton

ITEM	SPECIFICATION	TEST METHOD
1. Appearance	White or off-white free flowing powder	Visual
2. Loss on drying	≤ 5.0%	USP <731>
3. Vitamin D <sub>3</sub> Content	≥ 500,000IU/g	HPLC (EP)
4. Granularity: go through the sieve of 60 mesh	≥ 90.0%	USP <786>
5. Water Dispersibility	Easily dispersed in cold water 15°C to form a homogeneous and stable emulsion	1g/100ml water
6. Heavy Metal	≤ 10ppm	USP <231>
7. Lead	≤ 2ppm	AAS
8. Arsenic	≤ 1ppm	AFS
9. Mercury	≤ 0.1ppm	AFS
10. Cadmium	≤ 1ppm	AAS
11. Microbial Limit Test		
(1) Total Plate Count	≤ 1000cfu/g	USP <2021>
(2) Yeast & Mold	≤ 100cfu/g	USP <2021>
(3) Coliforms	≤ 0.3MPN/g	USP <2022>
(4) E. Coli	Negative/10g	USP <2022>
(5) Salmonella	Negative/25g	USP <2022>
(6) S.aureus	Negative/25g	USP <2022>

Shelf Life: 24 months

Meet USP Standard