

# CERTIFICATE OF ANALYSIS

Report Date: Jul.03, 2015

**Name** : Vitamin D<sub>3</sub> Powder                      **Quantity** : 560kgs  
**Batch No.** : 543-1507002                              **Type** : CWS(Food Grade)  
**Manu. Date** : Jul.02, 2015                              **Expiry Date** : Jul.03, 2017  
**Spec.** : 100,000IU/g                                      **Standard** : BP2012

ITEM	SPECIFICATION	RESULT
1. Appearance	White or yellowish-white, small particles	Complies
2. Loss on drying	≤5.0%	3.0%
3. Vitamin D <sub>3</sub> Content	≥100,000IU/g	104,700IU/g
4. Solubility	Easily dispersed in cold water 15°C to form a homogeneous and stable emulsion	Complies
5. Granularity: go through the sieve of 60 mesh	≥90.0%	99.2%
6. Heavy Metal	≤10ppm	Complies
7. Lead	≤2ppm	<1ppm
8. Arsenic	≤1ppm	<1ppm
9. Mercury	≤0.1ppm	<0.1ppm
10. Cadmium	≤1ppm	<1ppm
11. 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

**Conclusion:** Conform to BP2012.

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