

## Certificate Of Analysis

**Product Name:** Vitamin D3 Powder  
**Batch No.:** VD20220227  
**MFG. Date:** Feb.27,2022  
**Expiry Date:** Feb.26,2024  
**Non GMO**                      **BSE/TSE Free**                      **Non Irradiation**

ITEMS	SPECIFICATION	RESULTS	METHODS
<b>Assay Data</b>			
Vitamin D3 Assay	≥100000iu/g	108000iu/g	HPLC
<b>Quality Data</b>			
<b>Description</b>	White to light yellow powder,no foreign objects visible,no foreign matter and no odor.	Conforms	Visual
<b>Identification</b>	The retention time of the principal peak conforms to which in the reference solution	Conforms	HPLC
<b>Loss on Drying</b>	≤5%	4.60%	USP 731/Ph.Eur:2.2.32
<b>Particle Size</b>	100% pass through sieve 40 mesh ;min90% pass through sieve 80 mesh	Conforms	USP 786/Ph.Eur:2.9.12
<b>Heavy Metals(as Pb)</b>	≤10 ppm	Conforms	USP 231/Ph.Eur:2.4.8
<b>Lead(as Pb)</b>	≤2 ppm	<0.05ppm	USP 251/Ph.Eur:2.4.10
<b>Cadmium(as Cd)</b>	≤1ppm	Conforms	USP 233
<b>Mercury(as Hg)</b>	≤0.1ppm	Conforms	USP 233
<b>Arsenic(as As)</b>	≤2 ppm	Conforms	USP 211/Ph.Eur:2.4.2
<b>Microbiological Data</b>			
<b>Total Plate Count</b>	≤1000 cfu/g	Conforms	USP 2021
<b>Molds and Yeast</b>	≤100 cfu/g	Conforms	USP 2021
<b>E.Coli</b>	Negative/10g	Negative	USP 2022
<b>Salmonella</b>	Negative/25g	Negative	USP 2022
<b>Addition Data</b>			
<b>Packing</b>	1kg/bag		
<b>Storage</b>	Store at below 25°C. Protect from moisture.		
<b>Shelf Life</b>	24 months under the conditions above and in its original packing.		

