

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

