



XI'AN BIOF BIO-TECHNOLOGY CO.,LTD

Room 1601, Tower1, Building 25, Gaoke Garden, Gaoxin 5th Rd,High-tech Zone, Xi'an

Tel: 86-29-88447187 Fax: 86-29-88

Certificate of Analysis

Product Name	vitamin D3 powder	Manufacture Date	2022 .12.15
Specification	USP 32 Monographs	Certificate Date	2022.12.16
Batch Quantity	100kg	Expiration Date	2022.06.24
Storage Condition	Store in cool & dry place, Keep away from strong light and heat.		

Item	Specification	Result	Method
Appearance	Light yellow to white powder	Light yellow to white powder	conform
Vitamin D3 (IU/g)	≥100,00IU/g	104000IU/g	conform
Solubility	Soluble in cold water	Soluble in cold water	conform
PH(1% solution)	6.6-7.0	6.70	conform
Passing 20 mesh sieve	100%	100%	conform
Passing 40 mesh sieve	≥85%	95%	conform
Passing 100 mesh sieve	≤ 30%	11%	conform
Loss on dry	≤5%	3.2%	conform
Heavy Metal	Less than (LT) 20 ppm	Less than (LT) 20 ppm	conform
Pb	<2.0ppm	<2.0ppm	conform
As	<2.0ppm	<2.0ppm	conform
Hg	<2.0ppm	<2.0ppm	conform
Total aerobic Bacteria count	< 10000cfu/g	< 10000cfu/g	conform
Total Yeast & Mold	< 1000cfu/g	Conform	conform
E. Coli	Negative	Negative	conform

QA Manager : L i Yu

QC Manager : Zhang Qing

Analyst : Liang Wanyu

