

Shanghai Xinlai Chemical Co., Ltd.

Better ingredients and beyond SM

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PRODUCT DATA SHEET

May 2025

Product characteristics

Brand name:	
Product name:	Vegan Vitamin D3 Powder
Product code:	T-VDL-001-001A
Vegan Status:	Certified Vegan (by AVA & Vegan Action)
Non-GMO Status:	Non-GMO Project Verified
Kosher Status:	Kosher Certified (by Star-K)
Halal Status:	Halal Certified (by SHC)
Source:	Lichen (<i>Cladonia rangiferina</i>)
Extraction solvent:	Ethanol
Carrier/Excipient	Tapioca dextrin

Product profile

Description:	Off white to light brown powder (Visual)
Odor & Taste:	Characteristic (Organoleptic)
Identification:	Positive (HPLC retention time matches that of Cholecalciferol RS)
Vitamin D3 (Cholecalciferol):	NLT 2,500 mcg/g (NLT 100,000 IU/g, HPLC, dried basis)
Loss on drying:	NMT 7.0% (USP<731>)
Heavy metals:	NMT 10 ppm (USP<231>)
Arsenic:	NMT 1 ppm (USP<211>)
Lead:	NMT 3 ppm (USP<251>)
Cadmium:	NMT 1 ppm (USP<231>)
Mercury:	NMT 0.1 ppm (USP<261>)
Solvent residue (Ethanol):	NMT 5,000 ppm (GC)
Pesticides:	Complies with USP<561>

Microbiological

Total plate count:	NMT 10,000 cfu/g (USP<2021>)
Yeast & Mold:	NMT 1,000 cfu/g (USP<2021>)
Coliform:	NMT 100 cfu/g (BAM 8Ed.)
E. Coli:	Negative (USP<2022>)
Salmonella:	Negative (USP<2022>)
Staphylococcus Aureus:	Negative/ (USP<2022>)

Packaging

1kg or 5kg aluminum foils, or customized

Storage

Keep container unopened in cool, dry place

Shelf life

NLT 24 months from date of production