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SPECIFICATION

Product Name	Vegan Vitamin D3 powder
Source	Lichen
Specification	100,000IU/G CWS

Item	Specification	Test Method
Physical&Chemical Control		
Appearance	Off white to light brown powder	Visual
Odor&Taste	Characteristic	Organoleptic
Assay	$\geq 100,000\text{IU/g}$	HPLC
Particle Size	90% Pass 60 Mesh	60 Mesh Screen
Loss on Drying	$\leq 5.0\%$	CP2020
Heavy Metals		
Heavy Metals	NMT10ppm	CP2020
Lead(Pb)	NMT3ppm	CP2020
Arsenic (As)	NMT2ppm	CP2020
Mercury(Hg)	NMT0.1ppm	CP2020
Cadmium(Cd)	NMT1ppm	CP2020
Microbiology Control		
Total aerobic microbial Count	NMT3,000cfu/g	CP2020
Total Yeast & Mold	NMT300cfu/g	CP2020
Enterobacterial	NMT100cfu/g	CP2020
E.coli	Negative/10g	CP2020
Salmonella	Negative/25g	CP2020
Staphylococcus	Negative/10g	CP2020
Pseudomonas aeruginosa	Negative/10g	CP2020
General Status		
GMO status	Non-GMO	
Allergen status	Allergen Free	
Irradiation status	Non-Irradiation	
Packaging&Storage	Packed in paper-drums and two plastic-bags inside,25kg/Drum. Keep in cool & dry place. Stay away from strong light and heat.	
Shelf Life	Two years if sealed and stored away from strong sun light and heat.	