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SPECIFICATION SHEET

Vegan Vitamin D3 100,000 IU/g Powder

Product Name	Vegan Vitamin D3 Powder	**CAS No.**	67-97-0
Molecular Formula	C27H44O	**Molecular Weight**	384.6

Test Item	Specification	Test Method
Appearance	White to off-white powder	Visual
Odor & Taste	Characteristic	Organoleptic
Identification	Corresponds to RS	HPLC
Assay (Vitamin D3)	≥ 100,000 IU/g	HPLC
Specific Rotation	+105° ~ +112°	USP<781>
Loss on Drying	≤ 5.0%	USP<731>
Lead (Pb)	≤ 2.0 ppm	ICP-MS
Arsenic (As)	≤ 2.0 ppm	ICP-MS
Cadmium (Cd)	≤ 0.5 ppm	ICP-MS
Mercury (Hg)	≤ 0.1 ppm	ICP-MS
Standard Plate Count	≤ 10,000 cfu/g	USP<2021>
Total Yeast & Mold	≤ 1,000 cfu/g	USP<2021>
E. coli (in 10g)	Negative	USP<2022>
Salmonella (in 10g)	Negative	USP<2022>
S. aureus (in 10g)	Negative	USP<2022>

Storage: Store in tightly sealed and preferably full containers in cool, dry and ventilated area.

Shelf Life: 24 months under above conditions, and kept in its unopened original packaging.

Prepared by: Mia Yu Approved by: Charlie Wang Date: Nov. 17, 2026