

Product Specifications

Vitamin D₃ 100 PS-1 Food Grade

Cholecalciferol

CAS # 67-97-0
Molecular Formula: C₂₇H₄₄O
Molecular Weight: 384.64

Physical Description

Off-white to slightly yellowish, free flowing particles; odorless. The powder-form product consists of 100,000 IU per gram of Vitamin D₃ (USP/BP/EP/FCC) in a matrix based on a combination of starch and other auxiliary substances.

Specifications

GMP Manufactured Product

Test Item	Specification
Appearance	Passes Test
Identification (HPLC)	Passes Test
Loss on Drying	Max. 6%
Particle Size	Min. 85% through USS Sieve No. 40 (425 µm)
Arsenic (As)	Max. 1 ppm
Heavy Metals (Pb)	Max. 20 ppm
Assay (HPLC)	Min. 100,000 IU/g

Shelf Life

Retest two years from manufacturing date

Packaging

25 kg fiber drum with primary packaging of two layer PE bags

Storage

Preserve in airtight, light-resistant containers and store in a dry, dark area at room temperature

BrandNu®

**Vitamin D₃ 100 PS-1
Food Grade**

377 RESEARCH PARKWAY • MERIDEN, CT 06455 • (800)243-3768 • (203)235-7989
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The logo for BrandNu, featuring the brand name in a bold, white, sans-serif font inside a red rectangular box with a white border. The box is tilted slightly to the right.A vertical red banner with white text. The text reads "Vitamin D3 100 PG-1" in a large, bold, sans-serif font, with "Food Grade" in a smaller, bold, sans-serif font below it.

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