



Technical Data Sheet

Product Name: VegD3[®] 100,000iu/g Powder Organic
Product Ref: D3V05
Details: Vitamin D3 (Cholecalciferol) 100,000iu/g Powder.

PRODUCT DESCRIPTION

VegD3[®] 100,000iu/g Powder Organic is a 100% plant-source Vitamin D3 (Cholecalciferol) presented within a microencapsulated powder matrix. The medium chain triglyceride ingredient is of coconut oil origin. It is certified organic.

VITAMIN D3 CONCENTRATION IN MCG

Vitamin D3V[®] 100,000iu/g Powder Organic is equivalent to 2500mcg/g.

FULL INGREDIENT LISTING

Tapioca Starch, Arabic Gum, Medium chain triglycerides, Tricalcium Phosphate, Antioxidants (D-Alpha Tocopherol, Ascorbic Acid), Cholecalciferol.

PRODUCT IDENTIFICATION

Chemical name: (5Z,7E)-(3S)-9,10-secocholesta-5,7,10(19)-trien-3-ol; (5Z,7E)-9,10-secocholesta-5,7,10(19)-trien-3-ol
Synonyms: Cholecalciferol; Calcilol; Vitamin D3
CAS No.: 67-97-0
EINECS No.: 200-673-2
Empirical formula: C₂₇H₄₄O
Molecular mass: 384.65g/mol

SPECIFICATIONS

Appearance: Off-white to cream powder
Bulk density: 0.4 – 0.7g/ml
Moisture content: ≤ 5%
Vitamin D3 activity: ≥ 100,000iu/g
Particle Size: NLT 95% through 40#
Heavy Metals: NMT 10ppm
Aerobic Plate Count: <1000 cfu/g
Yeasts & Molds: <100 cfu/g
Coliforms: <10 cfu/g
E Coli: Negative
S. Aureus: Negative
Salmonella: Negative
P. Aeruginosa: Negative

PACKAGING

VegD3® 100,000iu/g Powder Organic is supplied in 1kg nitrogen flushed foil pouches.

STABILITY AND STORAGE

VegD3® 100,000iu/g Powder is sensitive to air, heat and light. The product may be stored for 24 months from the date of manufacture in the unopened original container and at a temperature below 25°C. The 'best use before' date is printed on the label. Keep container tightly closed. Once opened, use contents quickly and store below 4°C.

USES

For food, Nutraceutical and Animal Nutrition preparations as a source of Vitamin D3.

ORIGIN & REGULATORY INFORMATION

VegD3® 100,000iu/g Powder is Vitamin D3 (Cholecalciferol) produced using 100% non-GMO algal source. The source is algae commonly used in foods globally.

It conforms to United States Pharmacopeia (USP) and FCC specification for Vitamin D3.

ORGANIC STATUS

VegD3® 100,000iu/g Powder Organic is certified Organic by EcoCert.

SAFETY

This product is safe for the intended use. Avoid ingestion or direct contact by applying suitable protective measures and personal hygiene.

For full safety information and necessary precautions, please refer to the Material Safety Data Sheet (MSDS).

LEGAL NOTICE

The information given in this publication is based on our current knowledge and experience, and may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations relevant to handling, application and usage and observe all third party rights.

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