



VITAMIN D3 500 FEED GRADE POWDER: SPRAY DRIED

ABOUT ...

... FERMENTA BIOTECH GmbH

Fermenta Biotech GmbH (FBG) is FAMI-QS certified and located in Hamburg, Germany. FBG is a subsidiary of Fermenta Biotech Limited (FBL), a leading manufacturer of Vitamin D3 in the world, vertically integrated with its own manufacturing of Cholesterol.

... CORVAY SPECIALTY CHEMICALS GmbH

Corvay Specialty Chemicals GmbH (CSC) distributes high quality specialty chemicals from selected manufacturers since 2012. CSC is an authorised distributor for Fermenta Biotech GmbH in Europe. Please contact us

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DESCRIPTION & APPLICATION

Vitamin D3 500 Feed Grade powder spray dried with a minimum assay of 500'000 IU/g of Cholecalciferol. This product is Made in Germany. All raw materials are of European origin and the Vitamin D3 is supplied from FBL's accredited manufacturing facilities in

India. Novel encapsulation with gelatin and starch ensures superior stability in premixes. Application: For use in animal feed supplements.

PRODUCT IDENTIFICATION

Chemical Name:
(3 β ,5Z,7E)-9,10-secocholesta-5,7,10(19)-trien-3-ol

Mol Formula:
C₂₇H₄₄O

Mol Weight:
384.64 g/mol

CAS-No.:
67-97-0

CERTIFICATIONS

FAMI QS

SPECIFICATIONS

PROPERTIES	SPECIFICATION
Description	Light yellow or cream white, free flowing powder
Solubility	Practically insoluble in water
Identification (HPLC)	Vitamin D3 shall be present in the sample, if retention time of the main peak in the sample chromatogram corresponds to principal peak of Vitamin D3 in standard
Loss on Drying (at 105° for 4 hours)	NMT 5.0 %
Assay (HPLC on IU Basis)	NLT 500'000 IU/g
Particle Size	95% less than 500 µm
Bulk Density	0.4 – 0.6 g/ml

STABILITY

The stability of Vitamin D3 is enhanced by encapsulation with gelatin and starch. The product is stable in premixes containing aggressive ingredients like Choline Chloride and minerals. Nonetheless the stability of Vitamin D3 in a premix may vary depending upon the composition of the feed and the

prevailing operating conditions at the time of mixture and usage.

Suitability of the product to be ascertained prior to commercial usage. Feeds that contain Vitamin D3 are advised to be consumed soon after mixing to ensure maximum supplementation value of the feed.

STORAGE & SHELF LIFE

Store in a cool and dry place below 25°C. Protect from Light. Retest period of 30 months from the date of manufacture.

PACKING

Packed in a 25 kg triple layered kraft paper bag with inner LDPE liner.

DISCLAIMER

The aforementioned information is based on our current knowledge and experience. Although we are satisfied that it meets our specifications, we request users to use their discretion and carry out any necessary tests/precautions prior to usage of the product in any formulation. Fermenta and Corvay do not carry any liability in the final usage of the product and maintains that users should observe compliance with all applicable laws and regulations while using the product.

