

Dry Vitamin D₃ 100 GFP HP

Chemical name of active ingredient

Cholecalciferol

CAS-No. 67-97-0

EINECS-No. 200-673-2

PRD-No.
30208576*

* The product is kosher and halal.

Article

53763345 25 kg bag in box

Country of origin

Denmark

Units

1 International Unit (IU) = 0.025 µg vitamin D₃

Description

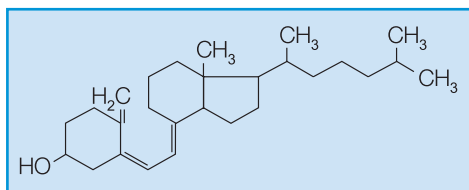
Free-flowing, white to off-white powder, consisting of spherical particles.

Composition

Ingredients in descending order of weight: sucrose, gum arabic (E 414), corn starch, medium-chain triglycerides, tricalcium phosphate (E 341), vitamin D₃ (cholecalciferol), DL-alpha-tocopherol (E 307).

Solubility

The product can be dispersed in cold water with temperatures as low as 10 °C, to form a stable milky emulsion. Virtually no vitamin D can be extracted from the powder with ether.



C₂₇H₄₄O

Molar mass 384.7 g/mol

Specification

Assay min. 100,000 IU vitamin D₃/g
(= 2,500 µg cholecalciferol/g)

For further information see separate document: "Standard Specification" (not for regulatory purposes) available via BASF's WorldAccount: <https://worldaccount.basf.com> (registered access).

Monographs

The included active ingredient Vitamin D₃ complies with the specification requirements stipulated in the current 'Cholecalciferol' Ph. Eur., 'Cholecalciferol' USP and FCC monographs.

Regulations

The product is conditionally approved as vitamin D source in certain regions. Therefore, national regulations in the respective countries have to be observed.

Bulk density

Approx. 0.6 g/ml

Stability

The product is stabilized with DL-alpha-tocopherol (E 307). Stored in its unopened original packaging at room temperature (max. 25 °C), the product is stable for at least 24 months.

Storage/Handling

The product should be stored in the original packaging at room temperature (max. 25 °C), in a dry place.

Applications

Food products:

The product is particularly suitable for the fortification of foods e.g., milk powder as well as vitamin mixtures for the food industry. Regulatory provisions for the use of tricalcium phosphate in the different product categories have to be considered. The product is gelatin-free and particularly suitable for vegetarian foods.

Dietary supplements:

For use in multivitamin preparations.

Note

Dry Vitamin D₃ 100 GFP HP must be handled in accordance with the Safety Data Sheet.

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