

Dry Vitamin D₃ 100 GFP B

Chemical name of active ingredient

Cholecalciferol

CAS-No. 67-97-0

EINECS-No. 200-673-2

PRD-No.
30792470*

* The product is kosher and halal.

Article

50766594 25 kg bag in box

Country of origin

Denmark

Units

1 International Unit (IU) = 0.025 µg vitamin D₃

Description

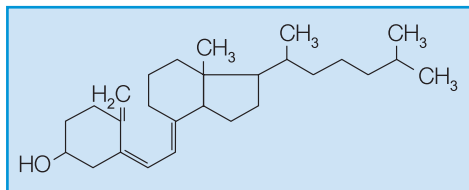
Free-flowing, white to off-white powder, consisting of spherical particles.

Composition

Ingredients in descending order of weight: glucose syrup, starch sodium octenyl succinate (E 1450), corn starch, medium-chain triglycerides, tricalcium phosphate (E 341), sodium ascorbate (E 301), all-rac-alpha-tocopherol (E 307), Vitamin D₃ (cholecalciferol).

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

Dry Vitamin D₃ 100 GFP B meets the requirements of the current "Cholecalciferol concentrate (powder form)" Ph. Eur. monograph. Furthermore, the included active ingredient vitamin D₃ (cholecalciferol) complies with the specification requirements stipulated in the current "Cholecalciferol" Ph. Eur., "Cholecalciferol" USP and "Vitamin D₃" FCC monographs.

Regulations

The product meets the regulatory requirements for a vitamin D source in most countries. However, regulations on the ingredients used in the respective countries and for the intended use have to be observed.

Bulk density

Approx. 0.7 g/ml

Stability

The product is stabilized with all-rac-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 has been developed for the fortification of food products including e.g., dried milk as well as vitamin mixtures for the food industry. Regulatory provisions for the use of tricalcium phosphate (E 341) in the different product categories have to be considered. The product is gelatin-free and particularly suitable for vegetarian foods

Dietary supplements:

For use generally in multivitamin preparations and in particularly where cold-water dispersibility is required.

Note

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

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