

## Vitamin D3 powder (Plant Source)

Cat. No. EXTZ-229

Lot. No. (See product label)

### Introduction

**Description** Vitamin D3 is a fat-soluble vitamin D called cholecalciferol, that's essential for maintaining muscles, healthy bones, supporting the immune system, and helping the body absorb calcium, which helps to support normal muscle function.

**Applications** This product is not for direct consumption, but can be added to the corresponding category of food or health food to play a role in nutritional fortification. Dry addition (directly according to the formula needs to be added and then mixed with a mixer to mix evenly). Wet method (dissolve it with appropriate amount of water first and then add it to the product and mix it well).

**Synonyms** VitaminD3solution;VitaminD3-d3Cholecalciferol(6,19,19-d3);Cholecalciferold6;VitaminD3-d6;10-Secocholesta-5,7,10(19)-trien-;(5Z,7E,3S)-9,10-Secocholesta-5,7,10(19)Chemicalbook-trien-3-ol;3Z-[2E-[(1R,3aS,7aR)-1S-[1R,5-dimethylhexyl]octahydro-7a-methyl-4H-inden-4-ylidene]ethylidene]-4-methylene-cyclohexanol;(+) -VITAMIND/3,CRYSTALLINE

### Product Information

**Source** Plant Source; Pine

**Appearance** White to light yellow powder, no foreign objects visible, no foreign matter and no odor.

**CAS No.** 67-97-0

**Molecular Formula** C<sub>27</sub>H<sub>44</sub>O

**Molecular Weight** 384.64

**Activity** 100,000 IU/g

**Composition** Cholecalciferol (vitamin D3), sodium starch octenyl succinate, vitamin E, vegetable oils, etc.

**Function** Improves the absorption of calcium and phosphorus by the body and saturates plasma calcium and plasma phosphorus levels. Promotes growth and calcification of bones and sound teeth. Increases absorption of phosphorus through the intestinal wall and reabsorption of phosphorus through the renal tubules. Maintains normal levels of citrate in the blood. Prevent the loss of amino acids through the kidneys.

### Usage and Packaging

**Package** 1kg aluminum foil vacuum bag

### Storage and Shipping Information

**Storage** sealed, protected from light, stored in a dry place (recommended storage temperature below 25 °C)