

## Vitamin D2

Cat. No. CEFX-407

Lot. No. (See product label)

### Introduction

#### Description

Vitamin D2, chemically known as ergocalciferol, is a fat-soluble vitamin usually derived from plants and fungi (such as yeast and mushrooms). Vitamin D2 can be produced by irradiating ergocalciferol with ultraviolet light and is one of the most important forms of vitamin D supplementation in humans. It plays an important role in regulating calcium and phosphorus metabolism, promoting bone health and strengthening immunity.

#### 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).

### Product Information

#### Appearance

White to light yellow fluid powder, no foreign matter visible to normal vision, no odor

#### CAS No.

50-14-6

#### Molecular Formula

C<sub>28</sub>H<sub>44</sub>O

#### Molecular Weight

396.65

#### Composition

Ergocalciferol (vitamin D2), sodium starch octenyl succinate, vitamin E, vegetable oil, etc.

#### Function

1. Improve the absorption of calcium and phosphorus in the body, so that the level of plasma calcium and plasma phosphorus in the body is at a relatively saturated level, thus effectively guaranteeing the stability of our body functions. 2. Promote the growth of the body and the calcification of the bones, as well as the health and integrity of the teeth. 3. Helps the intestinal wall to increase the absorption of phosphorus, but also can further increase the renal tubular reabsorption of phosphorus. 4. Vitamin D2 maintains the normal level of citrate in the blood. 5. Effectively prevent the loss of amino acids through the kidney region.

### 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)