

## TECHNICAL DATA SHEET

# Vitamin D3 Powder

## 0.1MIU/g CWS MOYZT

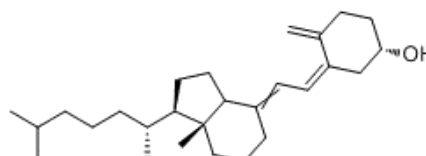
### Chemical Properties

CAS No: 67-97-0;

EINECS No.: 200-673-2

Chemical Formula:  $C_{27}H_{44}O$

Molecular Weight: :384.64



### Description

Pure Vitamin D3 is insoluble in water and can only dissolve in fats and fat solvents. It can resistant against high temperature and oxidation in neutral and alkaline solution. Vitamin D3 (100,000IU/g Food Grade) Powder MOYZT is dispersible in cold water.

### Solubility

It is dispersible in cold water.

### Specification

Item	Specification	Test Method
Appearance	Light yellow or white free flowing powder	Visual
Assay	Min 100,000IU/g	HPLC
Particle Size	Min 98% through 40 mesh	USP<786>;Ph.Eur.2.9.12
Loss on drying	Max 5.0%	USP<731>;Ph.Eur.2.2.32
Lead ( Pb)	Max 2.0ppm	USP<231>II;Ph.Eur.2.4.8
Arsenic (As)	Max 1.0ppm	Usp<211>II;Ph.Eur.2.4.2
Total Bacterial Count	Max 1000cfu/g	USP<2021>;Ph.Eur.2.6.12
Yeasts & Molds	Max 100cfu/g	USP<2021>;Ph.Eur.2.6.12
Coliforms	Max 0.3MPN/g	USP<2021>;Ph.Eur.2.6.13
<i>Salmonella</i>	Negative	USP<2022>;Ph.Eur.2.6.13
<i>Staphylococcus aureus</i>	Negative	USP<2022>;Ph.Eur.2.6.13

### Ingredients

Average contain 0.28% Vitamin D3, 60.00% Maltodextrin, 30.00% Sodium starch octenyl succinate, 1.00% Vitamin E(Mixed tocopherols concentrate), 1.73% Sodium ascorbate, 7.00% Vegetable oil.(M is short for Maltodextrin, O is short for Sodium starch octenyl succinate, T is short for Vitamin E, Z is short for Sodium ascorbate, Y is short for Vegetable oil)

### Labeling

In the United States and the European Union: Vitamin D3

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Page 1 of 2

E.N.: B/0  
制作人或修改人: 彭欢欢

Product Code 142124A  
Revision Date Jul. 03, 2018  
Approved Date Jul. 03, 2018  
负责人: 徐立人

## Applications

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Be used as food additives.

## Safety

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This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

## Handling recommendations

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During transportation, it should prevent violent vibration, and keep moisture-proof, waterproof and sunlight-proof. Stored in dry and clean warehouse, unfavorable open piled up.

## Packaging, Storage & Shelf Life

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Package	25kg/drum; or according to customers' requirements.
Storage	Store in a well-closed container away from moisture and direct sunlight at the temperature below 25°C.
Shelf life	2 years if sealed and stored properly.