

## TECHNICAL DATA SHEET

# Vitamin D3 Oil

## 4MIU/g mT Feed Grade

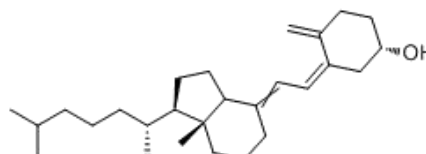
### Chemical Properties

CAS No: 67-97-0;

EINECS No.: 200-673-2

Chemical Formula: C<sub>27</sub>H<sub>44</sub>O

Molecular Weight: 384.64



### Description

Vitamin D3, also known as Cholecalciferol, has the physiological function to promote intestinal calcium absorption, regulate calcium and phosphorus metabolism and induce bone calcium and phosphorus calm, as well as promote bone growth and prevent rickets.

### Solubility

Easily degraded to a lower content in the air or sunlight. Easily soluble in ethanol, ether, chloroform and acetone, slightly soluble in plant oil and insoluble in water.

### Specification

Item	Specification	Test Method
Appearance	Yellow clear Liquid	Visual
Identification	The retention time of the major peak in the chromatogram of Assay preparation corresponds to that in the chromatogram of the Standard NY/T 1246-2006 preparation as obtained in the Assay.	
Acid Value	Max 2.0	NY/T 1246-2006
Peroxide	Max 20meq/kg	NY/T 1246-2006
Content	90%-110% as per labeled amount Min 4,000,000IU/g	NY/T 1246-2006

### Ingredients

Vitamin D3, Soybean Oil 89%, Vitamin E 1%.

### Labeling

In the United States and the European Union: Vitamin D3

### Applications

Feed grade vitamin D3 oil or powder, AD3 powder, ADE powder and other feed grade vitamin premix.

## 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. It should be stored in dry and clean warehouse, unfavorable open piled up. 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, 175kg/drum or 5kg/tin; or according to customers' requirements.
Storage	Should be preserved at room temperature and avoided light.
Shelf life	1 year if sealed and stored properly.