

TECHNICAL DATA SHEET

Vitamin D3 Oil

5MIU/g mT Feed Grade

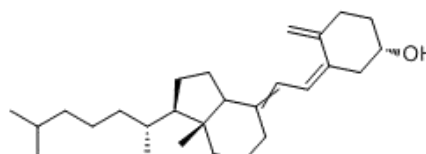
Chemical Properties

CAS No: 67-97-0;

EINECS No.: 200-673-2

Chemical Formula: C₂₇H₄₄O

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 to brown Liquid	Visual
Assay	Min 5,000,000IU/g	HPLC, USP
Acid Value	Max 2.0 mg/g	USP
Peroxide Value	Max 20.0meq/kg	USP

Ingredients

Vitamin D3, Soybean Oil and Vitamin E

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

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

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

Package	5kg/tin, 10kg/carton; or according to customers' requirements.
Storage	Should be preserved at room temperature and avoided light.
Shelf life	1 year if sealed and stored properly.