

SPECIFICATION

Vitamin D3 1.000.000 I.U./g Food Grade (EP/ USP)

Production unit

Zhejiang NHU Company Ltd.

Description

Ingredients

containing 1.000.000 I. U./g vitamin D3 in corn oil

Appearance

Clear yellowish viscous oily liquid (20 °C)

Soluble in alcohols, acetone, chloroform, toluene,
mineral or vegetable oil - Insoluble in water

Synonym

Vitamin D, Vitamin D3, Cholecalciferol, Colecalciferol

Formula

$C_{27}H_{44}O$

Product code

SPDY03

CAS No.

67-97-0

Properties

Shelf life

24 months in unopened original packaging

Identification

Conform

Assay

≥ 1.000.000 I.U./g

Residual solvents

Meet the requirements

Acid value

≤ 2,0 mg KOH/g

Peroxide value

≤ 20 meq/kg

Heavy metal

≤ 10 mg/kg

Arsenic (As)

≤ 1 mg/kg

Lead

≤ 0,5 mg/kg

Cadmium

≤ 0,5 mg/kg

Mercury

≤ 0,1 mg/kg

Microbiological specs

Total plate count

≤ 1000 CFU/g

Mould and Yeast

≤ 100 CFU/g

E. coli

Negative in 10 g

Salmonella spp.

Negative in 25 g

Handling

Storage	Store in a cool, dark and dry place
Stability	Material is sensitive to alkalis, light and oxidizing agents
Transport instructions	See our latest safety data sheet
Usage	food and feed industry

Classified as **hazardous substance** as per EU regulation.

NHU EUROPE GmbH

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