



SPECIFICATION

Version: 5.00.0001
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Product name	Vitamin D3 1.000.000 I.U./g
Product code	SPDY03
Production unit	Zhejiang NHU Company Ltd.
Description	
Ingredients	containing 1.000.000 I. U./g Vitamin D3 in corn oil (EP/USP), BHT (E321) as antioxidant
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	$C_{27}H_{44}O$
Molecular weight	384,64 g/mol
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	
Arsenic (As)	≤ 1 mg/kg
Lead	≤ 0,5 mg/kg
Cadmium	≤ 0,5 mg/kg
Mercury	≤ 0,1 mg/kg
BHT	≤ 0,2 %
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	
Usage	For food applications
Storage	Store in a cool and dry place.
Stability	Material is sensitive to alkalis, light and oxidizing agents.
Transport instructions	See our latest safety data sheet

Classified as **hazardous substance** as per EU regulation.
The included active ingredient Vitamin D3 complies with current EP, USP and FCC.

NHU Life Science GmbH

