





Specification

Concerning Product:	
Article number	67970CL10
Trade name / designation / denomination	Vitamin D3, 100.000 IE/g
CAS number	67-97-0
Other names / synonyms	•Cholecalciferol; •Vitamin D3; •colecalciferol;
EC number	200-673-2
EC index number	603-180-00-4
Customs tariff number / CN code / TARIC	29362900
Molecular weight [g / mol]	384,65
Formula	C27H44O
Danger   UN 2811/2811, 6.1 (Giftige Stoffe), II	
Toxic if swallowed. Toxic in contact with skin. Fatal if inhaled. Causes damage to organs through prolonged or repeated exposure . Wear protective gloves/protective clothing/eye protection/face protection. IF INHALED: IF exposed or if you feel unwell: Immediately call a POISON CENTER or doctor/physician. Wash with plenty of soap and water.	

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance	visual	white, free-flowing powder	
Physical parameter			
Loss on drying	USP	≤ 5,0	%
Solubility		in Water: soluble	
Identity			
Assay	HPLC/EP	≥ 100000	IU/g
Assay		ca. 0,3	%
Identification	UV/USP	Vitamin D3: positiv	
Impurities			
Pesticides		According to Reg. (EC) 396/2005 and amendments	
Impurity		According to Reg. (EC) 1881/2006 and amendments	
Impurity		TiO ₂ : Absent According to Reg. (EC) 2022/63	
Residual Solvents			
Residual solvents		According to Dir. (EC) 2009/32 and amendments	
Microbiological data			
Coliform bacteria		≤ 30	MPN/100g
Escherichia Coli.		Neg.	

Enterobacteriaceae		neg./10g	
Salmonella		neg.	
Staphylococcus Aureus		neg.	
Total Plate Count		≤ 1000	CFU/g
Yeast and Mould		≤ 100	CFU/g
Particle size distribution			
Particles		< 40 mesh: ≤ 90	%

Regulatory information:

Allergens statement: free according to Reg. (EC) 1169/2011

BSE/TSE statement: Risk Free BSE/TSE

Ethylene Oxide (EtO) Statement: no ETO used in the production flow

Food Grade Status: According to Reg. (EC) 178/2002

GMO statement: GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments

Irradiated Status: No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments

Nanoparticles: Absent According to Reg. (EC) 1169/2011

Supplemental information:

Shelf life: 2 years if sealed and store away from direct sun light

Derivation: Carrier: Starch (42.4%), Maltodextrin (49.5%), Sucrose (7.8%)

synthetic

Storage conditions: Store in a well-closed container away from moisture.

Packing: According to Reg. (EC) 1935/2004 and Nr. 10/2011 and amendments

Regional origin: CN

Usage: Food

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 02. Dec. 2022

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