



Technical Data Sheet

Vitamin D3 Cholecalciferol 1.0 MIU (Flechte) MCT Öl
Vitamin D3 Cholecalciferol 1.0 MIU (Lichen) MCT Oil



PRODUCT INFORMATION

Chemical name	(5Z,7E)-(3S)-9,10-secocholesta-5,7,10(19)-trien-3-ol; (5Z,7E)-9,10- secocholesta-5,7,10(19)-trien-3-ol		
Synonyms	cholecalciferol; calciol; Vitamin D3		
Product No.	27118	Composition	
CAS No	67-97-0	Cholecalciferol	2.5%-3%
EINECS No	200-673-2	MCT Oil	95-96%
Empirical formula	C27H44O	Mixed Tocopherols	1-2%
Molecular mass	384.65 g/mol	Source	Lichen

ITEM	SPECIFICATION	METHOD
Appearance*	Light yellow viscous oily liquid	Visual assessment
Identification	The retention time of the principal peak conforms to which in the reference solution	HPLC
Peroxide Value	≤ 7.50mmol/kg	ISO 3960:2017 Titration (RSSL)
Acid Value	≤ 2.00mg/g	Titration
Vitamin D3 content	≥1,000,000 IU/g	HPLC

*The color may vary

STATEMENTS

Food Quality and Safety	Only for food supplements
Contaminants	According to Reg. (EC) 2023/915 for food supplements
Preservative	Preservative Free
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria: <10,000 cfu/g, TYMC: <100 cfu/g, Salmonella: negative, E. Coli: negative, S. Aureus: negative
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Conform
Sterilization Method	High Temperature and Pressure
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen free	According to Reg. (EC) 1169/2011
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments



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STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	2 years if sealed and properly stored
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