



Stability Data

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

Stability Data of Vegan Vitamin D3 Oil 1,000,000 IU/G

Samples

Sample name: Vegan Vitamin D3 Oil 1,000,000 IU/G
Batch No:20230311, 20230602, 20230810

Test Condition

Temperature: 25°C±2°C;
Humidity: 60±5% RH;
Test time-points: 0th, 6th, 12th, 18th, 24th months

Test Result

Batch No:20230311

Test	Specification	0 th	6 th	12 th	18 th	24 th
Assay(IU/G)	≥ 1,000,000	1,052,000	1,051,000	1,050,000	1,030,000	1,010,000
Peroxide Value(mmol/kg)	≤ 7.5	2.9	3.5	3.7	4.1	4.2
Acid Value(mg/g)	≤ 2.0	0.12	0.12	0.12	0.14	0.14

Batch No:20230602

Test	Specification	0 th	6 th	12 th	18 th	24 th
Assay(IU/G)	≥ 1,000,000	1,037,000	1,036,000	1,036,000	1,028,000	1,018,000
Peroxide Value(mmol/kg)	≤ 7.5	2.1	2.7	2.8	3.0	3.1
Acid Value(mg/g)	≤ 2.0	0.14	0.12	0.16	0.16	0.16

Batch No:20230810

Test	Specification	0 th	6 th	12 th	18 th	24 th
Assay(IU/G)	≥ 1,000,000	1,032,000	1,031,000	1,028,000	1,022,000	1,020,000
Peroxide Value(mmol/kg)	≤ 7.5	1.9	2.6	2.9	3.1	3.1
Acid Value(mg/g)	≤ 2.0	0.12	0.13	0.13	0.13	0.15

Document status template	24.07.2025
Issue date	27.3.2026

Disclaimer

This document, or any answers or information provided herein by Chem2Market GmbH, does not constitute a legally binding obligation of Chem2Market GmbH. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. It does not relieve our customers from the obligation to perform a full inspection of the products upon delivery or any other obligation. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE