

## Vitamin D3 Oil 1 Mio/G MCT

### Certificate of Analysis

Product Name	Vitamin D3 in MCT Oil from coconut (vegan)	Specification	THC-VD06A (1 MIU/g)
Batch No	2025060902	Date of Product	2025-06-09
Production Quantity	275.4kg	Report Date	2025-06-16
Test Standard	USP/EP	Expiry Date	2027-06-08
Items	Specifications	Results	Methods
Description	Pale yellow oil, no foreign objects visible.no foreign matter and no odor.	Complies	Visual
Identification	The retention time of the principal peak conforms to which in the reference solution	Complies	HPLC
Net quantity	Should meet the requirements	Complies	/
Vitamin D <sub>3</sub> Assay	≥1,000,000IU/g	1,038,000IU/g	HPLC
Acid Value	≤2.0mg/g	0.03mg/g	USP<401> Ph.Eur.2.5.1
Peroxide Value	≤7.5mmol/kg	0.05mmol/kg	USP<401> Ph.Eur.2.5.5
Heavy Metals (as Pb)	≤10.0ppm	Complies	USP<231> II Ph.Eur.2.4.8
Lead (as Pb)	≤2.0ppm	<0.05ppm	USP<251> Ph.Eur.2.4.10
Arsenic (as As)	≤2.0ppm	<0.05ppm	USP<211> II Ph.Eur.2.4.2
*Cadmium (as Cd)	≤1.0ppm	/	USP<233>
*Mercury (as Hg)	≤0.1ppm	/	USP<233>
Total aerobic microbial count	≤1000CFU/g	<10CFU/g	USP<2021> Ph.Eur.2.6.12
Total moulds and yeasts count	≤100CFU/g	10CFU/g	
Enterobacterial	≤10CFU/g	<10CFU/g	USP<2021> Ph.Eur.2.6.13
*Escherichia coil	n.d./10g	/	USP<2022> Ph.Eur.2.6.13
*Salmonella	n.d./25g	/	
*Staphylococcus aureus	n.d./10g	/	
Conclusion: Conform to USP/EP			
Remarks: 1. Store in a sealed, dark, and dry place (recommended storage temperature below 25°C). 2. * It is a type inspection project, and it should be tested at least once a year. 3. Vitamin D3 in this product comes from plants. 4. The vegetable oil used in this report is MCT oil. (Pine) 5. The products in this report are in compliance with export health standards and are for export use only!			

Note: The Information in this document is provided by the Supplier/Manufacturer.

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