

**FERMENTA BIOTECH LIMITED**

Village-Takoli, Post Office-Nagwain, Dist.- Mandi 175121, Himachal Pradesh, India

Fermenta Biotech Limited Tel: 91-1905-287246 Email: info@fermentabiotech.com Website: www.fermentabiotech.com

#15751
R10045
L14-23

**CERTIFICATE OF ANALYSIS
(Finished Product)**

Product	: VITADEE 100 CWD/DS (Vitamin D3 100,000 IU/g)	Batch No.	: CWD1D21059
Inspection Lot No.	: 080000008132	Date of Release	: 04.09.2021
Date of Mfg.	: August, 2021	Expiry date	: -
Retest date	: January, 2024	Batch Size	: 200.000 KG
Country of Origin	: India		

TEST	SPECIFICATION	RESULTS
Description		
Description	White or yellowish - white, small particles.	Complies
Solubility		
Solubility	Disperse quickly in cold water at low temperature as low as 10° C.	Complies
Identification		
TLC	Chromatogram obtained with test solution shall show a bright yellow principal spot, rapidly becomes orange brown then gradually greenish grey, remaining so for 10 min. This spot is similar in position colour & size to spot obtained with Ref.Sol. (a).	Complies
HPLC	The principal peak in the chromatogram obtained with the test solution shall be similar in retention time to the principal peak in the chromatogram obtained with reference solution (a).	Complies
Loss on Drying		
Loss on Drying (105°C, 4 HRS)	Maximum 5.0 %	0.31 %
Assay (Cholecalciferol)		
HPLC (on IU basis)	Minimum 100000 IU/g	112999 IU/g
HPLC (on percentage basis)	Minimum 100 %	113.0 %
Identity of tocopherol		

PREPARED BY	CHECKED BY	APPROVED BY
Kunj Lal Sharma	Rajeev Kumar	Ashish Sood
03.09.2021 12:37:28 IST +05:30	04.09.2021 10:11:12 IST +05:30	04.09.2021 14:10:17 IST +05:30
ASSISTANT MANAGER - QC	Sr. Executive - QA	Manager - QA

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Admin & Regd. Office: A-1501, Thane One, DIL Complex, Ghodbunder Road, Majiwada, Thane (West) 400 610, Maharashtra, India Tele: +91 22 67980888 Fax: +91 22 67980899

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TEST	SPECIFICATION	RESULTS
Staphylococcus Aureus	Should be absent /10g	Complies
Pseudomonas Aeruginosa	Should be absent/10g	Complies

Conclusion: Product complies to all above parameters w.r.t ANS/FG/054.

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