

**FERMENTA BIOTECH LIMITED**

Plot Nos.Z109 B&C, Dahej SEZ II, Village-Dahej, Taluka-Vagara, Dist.-Bharuch 392130, Gujarat, India
Fermenta Biotech Limited Tel: 2641291440 Email: info@fermentabiotech.com Website: www.fermentabiotech.com

**CERTIFICATE OF ANALYSIS
(Finished Product)**

Product : Cholecalciferol (USP)(Vitamin D3 40 MIU/g) Batch No. : CLC0421295
Inspection Lot No. : 040000044148 Date of Release : 04.12.2021
Date of Mfg. : November, 2021 Expiry date : October, 2024
Retest date : - Batch Size : 31.520 KG
Country of Origin : India

TEST	SPECIFICATION	RESULTS
Assay by HPLC	97.0 to 103.0 %	100 %
Residual solvents		
Methanol	Maximum 1000.0 ppm	<6 ppm
Ethanol	Maximum 1000.0 ppm	<10 ppm
Pyridine	Maximum 100.0 ppm	<4 ppm
Methyl Formate	Maximum 1000.0 ppm	48 ppm
Petroleum Ether	Maximum 290.0 ppm	5 ppm
Acetone	Maximum 1000.0 ppm	14 ppm
Benzene	Maximum 2.0 ppm	0.34 ppm

Conclusion: Product complies to all above parameters w.r.t ANS/FG/009.

PREPARED BY

SACHIN PATIL

03.12.2021 11:28:23 IST +05:30

EXECUTIVE

CHECKED BY

RAGHAVENDRA SINGH

04.12.2021 13:52:10 IST +05:30

EXECUTIVE - QA

APPROVED BY

Prashant Kudale

04.12.2021 14:15:21 IST +05:30

Deputy Manager - QA

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

Printed By : Prashant Kudale

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