



**VAPI CARE PHARMA PVT. LTD.**  
Plot No. 225/3, Near Morarji circle, G.I.D.C., Vapi-396 195

**QUALITY CONTROL DEPARTMENT**  
**CERTIFICATE OF ANALYSIS**  
**RAW MATERIAL**

<b>Material Name :</b> Vit-D3 (Cholecalciferol)	<b>A.R.No.:</b> VRM2400703
<b>Batch No.:</b> CHL0424070	<b>G.R.N. No.:</b> VRM2400505
<b>Manufacturer:</b> Fermenta Biotech Limited	<b>Mfg. Date:</b> 06/2024
<b>Supplier:</b> Minerva biogenic Pvt.Ltd	<b>Exp. Date:</b> 05/2027
<b>Quantity Received:</b> 200.0000 GMS	<b>Sampled Quality :</b> 2.00 gm
<b>Received On:</b> 24/10/2024	<b>Released On:</b> 07/12/2024

Sr. No	Tests	Specifications	Observations
1	Description	White or almost white crystals	Almost White crystals
2	Solubility	Practically insoluble in water, Freely soluble in ethanol (96%), Soluble in trimethylpentane and in fatty oils.	Insoluble in water, Freely soluble in ethanol (96%), Soluble in trimethylpentane and in fatty oils.
3	Identification		
	A) IR	The IR spectrum of sample should concordant with the spectrum of Vit-D3 (Cholecalciferol) WS/RS.	Complies
4	Specific Optical rotation	+105° to +112°, determined within 30 min of preparing the solution.	+110°
5	Related substances (By HPLC) Impurity A Unspecified impurities Total Impurity	NMT 0.1 % NMT 0.10 % NMT 1.0 %	Not Detected Not Detected Not Detected
6	Assay (By HPLC)	97.0 % to 102.0 %	99.10 %

**Remarks:** The sample **complies** with prescribed standard of quality as per **BP Specification.**

<b>Analysed by</b>	<b>Checked by</b>	<b>Approved by</b>
Sm 07/12/2024	cd 07/12/2024	for 07/12/2024
<b>QC-chemist</b>	<b>QC-Officer</b>	<b>QC-Manager</b>