



VAPICARE 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

Material Name : Vit-D3 (Cholecalciferol)	A.R.No.: VRM2400369
Batch No.: CAVD/24/01	G.R.N. No.: VRM2400266
Manufacturer: Sanjivani	Mfg. Date: 04/2024
Supplier: Placid Pharmachem	Exp. Date: 03/2027
Quantity Received: 100.0000 GMS	Sampled Quality : 5.00 gm
Received On: 27/07/2024	Released On: 02/09/2024

Sr. No	Tests	Specifications	Observations
1	Description	White or almost white crystals	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.	The IR spectrum of sample is concordant with the spectrum of Vit-D3 (Cholecalciferol) WS
4	Specific rotation	+105° to +112°, determined within 30 min of preparing the solution.	+107.07°
5	Related substances (By HPLC) Impurity A Unspecified impurities Total Impurity	NMT 0.1 % NMT 0.10 % NMT 1.0 %	0.05% 0.02% 0.20%
6	Assay (By HPLC)	97.0 % to 102.0 %	99.58 %

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

Analysed by	Checked by	Approved by
Sm 02/09/2024	cd 02/09/2024	02/09/2024
QC-chemist	QC-Officer	QC-Manager



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Sanjivani
Biochem (Pvt.) Ltd.

Plot No.: 1111 to 1113, Kerala GIDC, Bavla Rd.
BAVLA- 382220 Dist. AHMEDABAD, (INDIA)

CERTIFICATE OF ANALYSIS

Product	CHOLECALCIFEROL IP (VITAMIN D3 40MIU/g)		
BATCH NO.	CAVD/24/01	MFG DT	04/2024
QTY	7.108 KGS	EXP. DATE	03/2027
TESTS	SPECIFICATION		RESULTS
Description	White or almost white crystals , odourless or almost odourless		Complies
Identification IR	Determine by infrared absorption spectrophotometry compare the spectrum with that obtained with cholecalciferol		Complies
Solubility	Freely soluble in ethanol (95 %) in acetone, in chloroform and in ether ; practically insoluble in water . It is soluble in fixed oils		Complies
Specific optical Rotation	+105 ° ~ +112 °		+108°
Light absorption at 265 nm	0.46 ~ 0.50		0.48
7- Dehydrocholesterol by TLC	In the chromatogram obtained with the test solution any violet spot with an Rf value slightly lower than that of the principal spot (due to 7 -dehydrocholesterol and appearing slowly) is not more intense than the spot in the chromatogram obtained with reference solution (a)		complies
Assay	97.0 % ~ 103.0 %		99.01%
Conclusion	It Complies as per IP specifications		

Prepared by



Approved by



Reviewed by **D. C.**

Sign.: **B.k**

Date: **03/08/2024**