



HANUCHEM LABORATORIES

Parwanoo (H.P)

Page 1 of 2

CERTIFICATE OF ANALYSIS

Product Name:	Shellcium 500 (Calcium with Vitamin D3 Tablets IP)		
Batch No.	HCL4298 ✓	A. R. No.	FG/24343
Mfg. Date	Jun-2024 ✓	Exp. Date	May-2026 ✓
Batch Size	5.0 Lacs	Analysis Date	26/06/2024
Sample Quantity	60 Tablets	STP No.	FPS043

Sr. No.	Tests	Results	Specification Limit
1	Description	Sky Blue coloured, capsule shaped, biconvex, film coated tablets, plain on both sides. ✓	Sky Blue coloured, capsule shaped, biconvex, film coated tablets, plain on both sides. ✓
2	Identification (A) For Vitamin D3 (B) For Calcium Carbonate	Complies Complies	In the Assay, the retention time of principal peak in the chromatogram obtained with the test solution corresponds to the peak in the chromatogram obtained with reference solution. A White precipitate is formed that dissolve on addition of an excess of dilute Hydrochloric acid. ✓
3	Average Weight	1.6096g	NLT-1.5569g to NMT-1.6532 g (1.605 g ± 3 %)
4	Uniformity of weight	Min: -0.62% Max: +0.61% ✓	Not more than two of the individual weights deviate from the average weight by more than ±5.0% and none deviates by more than ±10.0%
5	Disintegration Time	03 to 04 Minutes ✓	NMT 30 Minutes
6	Hardness	Min: 7.5 Kg/cm ² Max: 8.0 Kg/cm ² ✓	NLT 7.0 Kg/cm ²
7	Dissolution of Calcium	Min: 86.57% ✓ Max: 95.59% ✓ Avg: 90.77% ✓	Q Not less than 70% of the labelled amount of calcium is dissolved in 30 minutes.
8	Uniformity of Content	Min: 90.46% ✓ Max: 112.33% ✓	85.0% to 115.0% of the Average value of Vitamin D3

	Prepared By	Checked By	Approved By
Name	Niraj Yadav	Deputy	Sanjeev Kumar
Designation	QC officer	De Manager	Quality Control Head
Sign/Date	Niraj 26/06/24	Deputy 26/06/24	Sanjeev 26/06/24



HANUCHEM LABORATORIES

Parwanoo (H.P)

Page 2 of 2

CERTIFICATE OF ANALYSIS

Product Name:	Shelcium 500 (Calcium with Vitamin D3 Tablets IP)		
Batch No.	HCL4298	A. R. No.	FG/24343 ✓
Mfg. Date	Jun-2024 ✓	Exp. Date	May-2026
Batch Size	5.0 Lacs	Analysis Date	26/06/2024
Sample Quantity	60 Tablets	STP No.	FPS043

Sr. No.	Tests	Results	Specification Limit
9	Assay: Each film coated tablet contains 1.25g Calcium Carbonate from an organic source (Oyster Shell) equivalent to Elemental Calcium 500mg Vitamin D ₃ IP -----250 I.U. (Limit-NLT-225.0 I.U)	490.04mg 98.00% ✓ 518.43I.U 207.37%	Limit-NLT-450.0mg to NMT-550.0mg (NLT-90.0% to 110.0% of labelled claim) (Limit-NLT-225.0 I.U) (NLT-90.0% of labelled claim)

Remarks: The above sample Complies/~~Does not comply~~ as per IP/BP/USP/Inhouse Specification.

	Prepared By	Checked By	Approved By
Name	Niraj Yadav	De Raj	Sameer Kumar
Designation	QC officer	De Manager	Quality control Head
Sign/Date	Niraj 26/06/24	De Raj 26/06/24	Sameer 26/06/24

Format No. : HL-III/QC-086/F-002/00