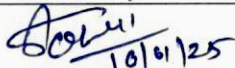

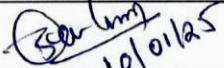


**TYPICAL CERTIFICATE OF ANALYSIS**

<b>Product</b>	: Quinine Hydrochloride BP	Page 1 of 1
<b>Reference</b>	: British Pharmacopoeia-2024	
<b>Manufactured By</b>	: Prism Industries Pvt. Ltd.	<b>Product code</b> : QHCL
<b>Self Life (Retest Date)</b>	: 3 years	

Sr. No.	TEST	SPECIFICATION	RESULTS
1	Appearance	White or almost white or colorless, Fine, silky needles, often in clusters.	White Fine, silky needles, often in clusters.
2	Solubility	Soluble in water, Freely soluble in ethanol (96 per cent)	Soluble in water, Freely soluble in ethanol (96 per cent)
3	Identification A,B,C,D & E	Test A) By TLC B) By color test C) By fluorescence test D) To give reaction of Chloride E) By PH	Complies Complies Complies Complies Complies
4	Appearance of solution	Solution is clear and not more intensely colored than reference solution Y <sub>6</sub> .	Complies
5	PH	6.0 to 6.8	6.33
6	Specific Optical Rotation	-245.0 <sup>0</sup> to -258.0 <sup>0</sup>	-248.06 <sup>0</sup>
7	Other cinchona alkaloids By HPLC		
7.1	Dihydroquinine(impurity-C)	Not more than 10.0%	3.63%
7.2	Any related substance Eluted before quinine	Not more than 5.0%	0.29%
7.3	Any other related substance	Not more than 2.5%	0.02%
8	Loss on drying	6.0 % to 10.0 %	6.50%
9	Sulphated ash	Not more than 0.1%	0.08%
10	Sulphates	Not more than 500 ppm	Complies
11	Assay (on dry basis )	99.0 % to 101.0 %	99.90%

**REMARK:** As opinion of under signed product is Complies / ~~Does not Comply~~ as per prescribe specification BP-2024.

	Prepared By (QC Chemist)	Checked By (QC Sr. Chemist)	Approved By (QC In charge)
<b>Name</b>	Sohil Darji	Krishna Patel	Bhavesh Chauhan
<b>Sign &amp; Date</b>	 10/01/25	 10/01/25	 10/01/25

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Ta.: Khambhat, Dist. Anand, Gujarat, INDIA, Pin-388640**Mob** +91 98250-50731, +91 97277-01668**E-mail** info@prismintd.com**GSTIN** 24AABCP7162Q1ZY