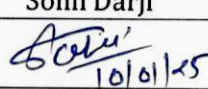
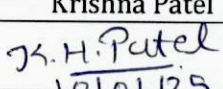
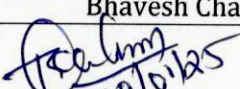


**TYPICAL CERTIFICATE OF ANALYSIS**

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

Sr. No	TESTS	SPECIFICATION	RESULTS
01	<b>Appearance</b>	A white or almost white powder	A white powder
02	<b>Solubility</b>	Very soluble in water; soluble In ethanol (96%)	Very soluble in water; Soluble in ethanol (96%)
03	<b>Identification</b> A, B & C	A) By TLC B) Acidity Test. C) Yields reaction a characteristic of Chloride	Complies Complies Complies
04	<b>pH</b>	2.0 to 3.0	2.80
05	<b>Specific Optical Rotation</b>	-223.0° to -229.0°	-225.31°
06	<b>Other cinchona alkaloids by HPLC</b>		
6.1	<b>Dihydroquinine</b>	Not more than 10.0%	4.60%
6.2	<b>Any related substance</b> Eluted before quinine	Not more than 5.0%	0.29%
6.3	<b>Any other related substance</b>	Not more than 2.5%	0.01%
07	<b>Loss on drying</b>	NMT 3.0%	1.18%
08	<b>Sulphated Ash</b>	Not more than 0.10%	0.05%
09	<b>Sulphates</b>	≤0.12%	Complies
10	<b>Barium</b>	The solution remains clear for at least 15 minutes	Complies
11	<b>Assay (on dry basis)</b>	99.0 % to 101.0%	99.91%

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

	<b>Prepared By</b> (QC Chemist)	<b>Checked By</b> (QC Sr. Chemist)	<b>Approved By</b> (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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