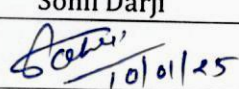
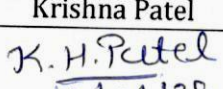
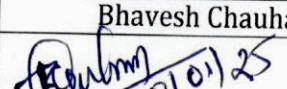


**TYPICAL CERTIFICATE OF ANALYSIS**

Product : Quinine Sulphate BP	Page 1 of 1
Reference : British Pharmacopoeia-2024	
Manufactured By : Prism Industries Pvt. Ltd.	Product code : QS
Self Life (Retest Date) : 3 years	

Sr. No.	TEST	SPECIFICATION	RESULTS
01	Appearance	White or almost white, crystalline powder or fine, colorless needles.	White fine powder.
02	Solubility	Slightly soluble in water, sparingly soluble in boiling water and in ethanol (96 %)	Slightly soluble in water, sparingly soluble in boiling water and in ethanol (96%)
03	Identification A,B,C,D & E	Test A) By TLC B) By colour test C) By fluorescence test D) To give reaction of sulphates E) By pH	Complies Complies Complies Complies Complies
04	Appearance of solution	Solution is clear and not more intensely colored than reference solution GY ₆	Complies
05	pH	5.7 to 6.6	6.24
06	Specific Optical Rotation	-237.0° to -245.0°	-241.60°
07	Other cinchona alkaloids by HPLC		
7.1	Dihydroquinine	Not more than 10.0%	1.67% ✓
7.2	Any related substance Eluted before quinine	Not more than 5.0%	0.48%
7.3	Any other related substance	Not more than 2.5%	0.08%
08	Loss on drying	3.0% to 5.0%	4.35%
09	Sulphated ash	Not more than 0.1%	0.08%
10	Assay (on dry basis)	99.0% to 101.0%	99.89%

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

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

CIN U24231GJ1992PTC017501

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