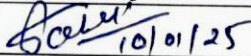
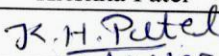
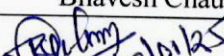


**TYPICAL CERTIFICATE OF ANALYSIS**

Product : Quinine Sulphate IP	Page 1 of 1
Reference : Indian Pharmacopoeia	
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, needle-like crystals or a crystalline powder.	White crystalline powder.
02	Solubility	Freely soluble in a mixture of 2 volumes of chloroform and 1 volume of ethanol, Sparingly soluble in boiling water, sparingly soluble in ethanol (95%), slightly soluble in water, very slightly in chloroform, practically insoluble in ether.	Complies
03	Identification A,B,C,D	Test A) By TLC B) By colour test C) By fluorescence test D) To give reaction of sulphates	Complies Complies Complies Complies
04	Appearance of solution	Solution is clear and not more intensely colored than reference solution GYS4	Complies
05	pH	5.7 to 6.6	6.10
06	Specific Optical Rotation	-237.0 ⁰ to -245.0 ⁰	-240.04 ⁰
07	Other cinchona alkaloids by HPLC		
7.1	Dihydroquinine	Not more than 10.0%	1.86%
7.2	Any related substance Eluted before quinine	Not more than 5.0%	0.67%
7.3	Any other related substance	Not more than 2.5%	0.05%
08	Loss on drying	3.0% to 5.0%	3.42%
09	Sulphated ash	Not more than 0.1%	0.06%
10	Assay (on dry basis)	99.0% to 101.0%	99.87%

REMARK: As opinion of under signed product is **Complies/ does not Comply** as per prescribe Standard IP-2022.

	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

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