

**TYPICAL CERTIFICATE OF ANALYSIS**

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

Sr. No.	TEST	SPECIFICATION	RESULTS
01	Appearance	White or almost white, crystalline powder or silky, colourless needles.	White Crystalline Powder.
02	Solubility	Slightly soluble in water, soluble in boiling water and in ethanol (96 per cent), practically insoluble in acetone.	Complies
03	Identification A,B,C,D & E	A) By TLC B) By Chemical test C) By fluorescence test D) By Chemical test E) By Sulphate test F) By pH	Complies Complies Complies Complies Complies
04	Appearance of solution	Solution is clear and not more intensely colored than reference solution GY6	Complies
05	pH	6.0 to 6.8	6.33
06	Specific Optical Rotation	+275.0 ⁰ to +290.0 ⁰	+276.81 ⁰
07	Other cinchona alkaloids by HPLC Dihydroquinidine Any related substance Eluted before quinidine Any other related substance	Not more than 15.0 % Not more than 5.0 % Not more than 2.5 %	14.27% 0.64% 0.13%
08	Sulphated ash	Not more than 0.1 %	0.07%
09	Loss on drying	3.0 % to 5.0 %	4.50%
10	Boron	Maximum 5 ppm	Complies
11	Assay (on dry basis)	99.0 % to 101.0 %	99.86%

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

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