



**PRISM INDUSTRIES PVT. LTD.**

A WHO-GMP Certified Company  
(Formerly known as Prism Industries Ltd.)

**TYPICAL CERTIFICATE OF ANALYSIS**

<b>Product</b> : Quinine Sulphate USP	Page 1 of 1
<b>Reference</b> : US Pharmacopeia	
<b>Manufactured By</b> : Prism Industries Pvt Ltd.	<b>Product code</b> : QS
<b>Batch Size</b> : 300 Kg	<b>Self Life (Retest Date)</b> : 3 years

Sr. No.	TESTS	SPECIFICATION	RESULTS
01	Appearance	Fine, needle-like, white crystals, frequently cohering in masses, or fine, white powder. Is odorless, and darkens on exposure to light. Its solution is neutral or alkaline to litmus.	White powder
02	Solubility	Slightly soluble in water, in alcohol, and in chloroform, very slightly soluble in ether, freely soluble in alcohol at 80°, and in a mixture of 2 volumes of chloroform and 1 volume of dehydrated alcohol, sparingly soluble in water at 100°	Complies
03	Identification A,B, & C	Test A) By fluorescence test B) By TLC C) To give reaction of sulphates	Complies Complies Complies
04	Specific Optical Rotation	-235.0° to -245.0°	-239.10°
05	Water	Between 4.0 % to 5.5%	4.75%
06	Residue on Ignition	Not more than 0.1 %	0.06%
07	Chloroform-Alcohol Insoluble Substance	Not more than 0.1 %	0.02%
08	Limit of Dihydroquinine sulphate	Not more than 10.0 %	5.68%
09	Organic Impurities	BY TLC	Complies
10	Assay (On Anhydrous basis)	99.0 % to 101.0%	99.83%
<b>REMARK:</b> As opinion of under signed product is <b>Complies/ does not Comply</b> as per prescribe Standard USP.			

	Prepared By (QC Chemist)	Checked By (QC Sr. Chemist)	Approved By (QC In charge)
<b>Name</b>	Harshad Parmar	Suthar Ramesh	Amit Tamboli
<b>Sign &amp; Date</b>	 16/06/23	 16/06/23	 16/06/23

CIN: U24231GJ1992PTC017501

Office: 208, Trivia Complex, Nr. Natubhai Circle,  
Race Course, Gujarat, INDIA, Pin-390007

Phone: 0265-3504649/50 Mob: +91 98250-51262, +91 92274-06992

PAN: AABCP7162Q

Factory: Survey No. 637/23/A1, Khambhat Dhuvaran Road, At: Kalamсар,  
Ta.: Khambhat, Dist. Anand, Gujarat, INDIA, Pin-388640

Mob: +91 98250-50731, +91 97277-01668

GSTIN: 24AABCP7162Q1ZY