

**TYPICAL CERTIFICATE OF ANALYSIS**

<b>Product</b> : Quinine Base	Page 1 of 1
<b>Reference</b> : In House	
<b>Manufactured By</b> : Prism Industries Pvt Ltd.	<b>Product code</b> : QB
<b>Self Life (Retest Date)</b> : 3 years	

Sr.No.	TEST	SPECIFICATION	RESULTS
1	<b>Appearance</b>	White or almost white, crystalline powder or fine, colorless needles.	White powder.
2	<b>Solubility</b>	Very Soluble in methanol, very slightly soluble in water.	Very Soluble in methanol, very slightly soluble in water.
3	<b>Identification</b>	By TLC	Complies
4	<b>pH</b>	8.0 to 9.0	8.68
5	<b>Specific Optical Rotation</b>	-160.0° To -170.0°	-164.52°
6	<b>Melting Range</b>	174°C To 177°C	175.2°C
7	<b>Loss on drying</b>	Not more than 1.0 % w/w	0.63%
8	<b>Sulphated Ash</b>	Not more than 0.1 %	0.06%
9	<b>Other cinchona alkaloids by HPLC</b>		
	<b>Dihydroquinine</b>	Not more than 4.0%	1.94%
	<b>Any related substance Eluted before quinine</b>	Not more than 1.0%	0.17%
	<b>Any other related substance</b>	Not more than 1.0%	0.12%
10	<b>Assay (On dry basis)</b>	NLT 99.0 %	99.92%

**REMARK: The sample Complies/ does not Comply with the prescribed standard of quality as per In House Specification.**

	<b>Prepared By (QC Chemist)</b>	<b>Checked By (QC Sr. Chemist)</b>	<b>Approved By (QC In charge)</b>
<b>Name</b>	Nitin Solanki	Sohil Darji	Bhavesh Chauhan
<b>Sign &amp; Date</b>	 10/01/25	 10/01/25	 10/01/25

**CIN** U24231GJ1992PTC017501**Office** 208, Trivia Complex, Nr. Natubhai Circle,  
Race Course, Vadodara, Gujarat, INDIA, Pin-390007**Phone** 0265-3504649/50 **Mob** +91 98250-51262, +91 92274-06992**E-mail** marketing@prismindia.com**PAN** AABCP7162Q**Factory** Survey No. 637/23/A1, Khambhat Dhuvaran Road, At: Kalamsar,  
Ta.: Khambhat, Dist. Anand, Gujarat, INDIA, Pin-388640**Mob** +91 98250-50731, +91 97277-01668**E-mail** info@prismindia.com**GSTIN** 24AABCP7162Q1ZY