



PRISM INDUSTRIES PVT. LTD.

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

TYPICAL CERTIFICATE OF ANALYSIS

Product : Quinine Sulphate EP	Page 1 of 1
Reference : European Pharmacopoeia-10	
Manufactured By : Prism Industries PVT. Ltd.	Product code : QS
Batch Size : 300. Kg	Self Life (Retest Date) : 3 years

Sr. No.	TEST	SPECIFICATION	RESULTS
01	Appearance	White or almost white, crystalline powder or fine, colorless needles.	A white 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	6.36
06	Specific Optical Rotation	-237.0 ⁰ to -245.0 ⁰	-237.39 ⁰
07	Other cinchona alkaloids by HPLC Impurity C	Not more than 10.0 %	5.59%
	Any related substance Eluted before quinine	Not more than 5.0 %	1.35%
	Any other related substance	Not more than 2.5 %	0.06%
08	Loss on drying	3.0 % to 5.0 %	4.0%
09	Sulphated ash	Not more than 0.1 %	0.04%
10	Assay (on dry basis)	99.0 % to 101.0 %	99.90%

REMARK: As opinion of under signed product is Complies/ does not Comply as per prescribe EP-10.

	Tested By (QC Chemist)	Checked By (QC Sr. Chemist)	Approved By (QC In charge)
Name	Sohil Darji	Dixit Prajapati	Amit Tamboli
Sign & Date	 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: Kalamsar,
Ta.: Khambhat, Dist. Anand, Gujarat, INDIA, Pin-388640

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

GSTIN: 24AABCP7162Q1ZY