

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 800, and in a mixture Of 2 volumes of chloroform and 1 volume of dehydrated alcohol, sparingly soluble in water at 1000	Complies
03	Identification A,B, & C	Test A) By fluorescence test B) By TLC C To give reaction of sulphates	Complies Complies Com lies
04	Specific Optical Rotation	-235.00 to -245.00	-239.100
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%
	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%