
STANDARD TESTING SPECIFICATIONS

QUININE SULPHATE USP

1.	Description	:	A white powder.
2.	Solubility	:	Complies
3.	Identification	:	A: Fluorescence disappears B: By Thin-Layer chromatography C: Test for Sulfate
4.	Specific optical rotation	:	between -235° and -245°
5.	Water	:	between 4.0% and 5.5 %
6.	Residue on Ignition	:	Not more than 0.1 %
7.	Heavy metals	:	Not more than 0.001 %
8.	Chloroform Alcohol insoluble substances	:	Not more than 0.1 %
9.	Chromatographic purity	:	Thin-Layer chromatography Complies
10.	Limits of dihydroquinine sulphate	:	Not more than 10%
11.	Organic volatile impurities	:	Meets the requirement.
12.	Assay (on anhydrous basis)	:	Not less than 99.0% Not more than 101.0 %
13.	Residual Solvents Methanol Dichloromethane Chloroform Trichloroethylene 1,4- Dioxane	:	Not more than 3000 ppm Not more than 600 ppm Not more than 60 ppm Not more than 80 ppm Not more than 380 ppm