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Cinchonine,

$C_{19}H_{22}N_2O$ 294.39 CAS RN[®]: 118-10-5.—White crystals, crystalline or granular powder. Slightly soluble in chloroform, sparingly soluble in alcohol, and practically insoluble in water.

Assay: Dissolve about 125 mg, accurately weighed, in 50 mL of glacial acetic acid. Add a few drops of *p*-naphtholbenzein TS, and titrate with 0.1 N perchloric acid VS. Perform a blank determination, and make any necessary correction. Each mL of 0.1 N perchloric acid is equivalent to 14.72 mg of $C_{19}H_{22}N_2O$. Not less than 99.0% is found.

Loss on Drying (731): Dry it at 105° to constant weight: it loses not more than 1.0% of its weight.

Melting Range (741): between 255° and 261°.

Specific Rotation (781): between +219° and +229°, calculated on the dried basis, determined in a solution in alcohol containing 50 mg per 10 mL.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
CINCHONINE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

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