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Cinchonidine,

$C_{19}H_{22}N_2O$ 294.39 CAS RN[®]: 485-71-2.—White crystals, crystalline or granular powder. Soluble in alcohol and in chloroform; 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 200° and 205°.
- **SPECIFIC ROTATION (781):** between -105° and -115°, calculated on the dried basis, determined in a solution in alcohol containing 10 mg per mL.

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

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

Most Recently Appeared In:

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