

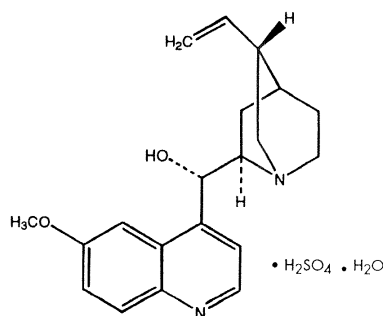
Quinidine Sulfate and Related Substance

HPLC Method

Column: SymmetryShield™ RP₁₈, 4.6 x 250 mm, 5 µm
Part Number: 186000112
Mobile phase: 860 mL water, 20 mL methanesulfonic acid solution, 20 mL diethylamine solution, 100 mL acetonitrile; pH adjusted to 2.6 with diethylamine solution
 Diethylamine solution: 10 mL diethylamine in 100 mL water
 Methanesulfonic acid solution: 14 mL methanesulfonic acid and 8 mL glacial acetic acid in 200 mL water
Flow rate: 1.0 mL/min
Injection volume: 50 µL
Detection: UV @ 235 nm

USP Tailing Factor

1. 1.76
2. 1.33



1. Quinidine sulfate
2. Dihydroquinidine sulfate

