

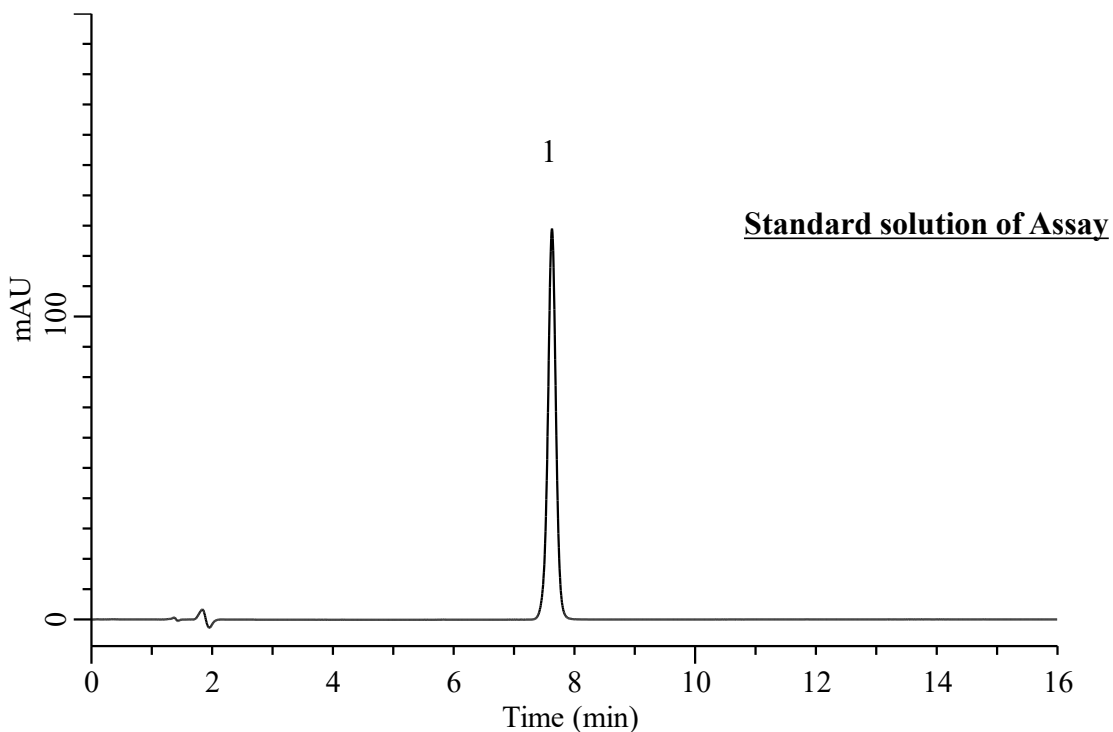
InertSearch for LC

Inertsil Applications

Analysis of Voriconazole

(Under the Condition of the draft for USP, Voriconazole for Injection)

Data No. LB884-7111



Conditions

System : Chromaster HPLC system (HITACHI)
Column : InertSustain C18 (GL Sciences Inc.)
(3.5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-89996
Eluent : A) CH₃CN
B) Buffer*
A/B = 40/60, v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 256 nm (5430 DAD)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Voriconazole 0.08 mg/mL
Tailing factor : 0.97 (\leq 1.5)
RSD of the peak area (%) (n=6) : 0.52 (\leq 1.0)

* Dissolve 3.4 g of potassium phosphate, dibasic in 1000 mL of water. Adjust with phosphoric acid to a pH of 6.0.