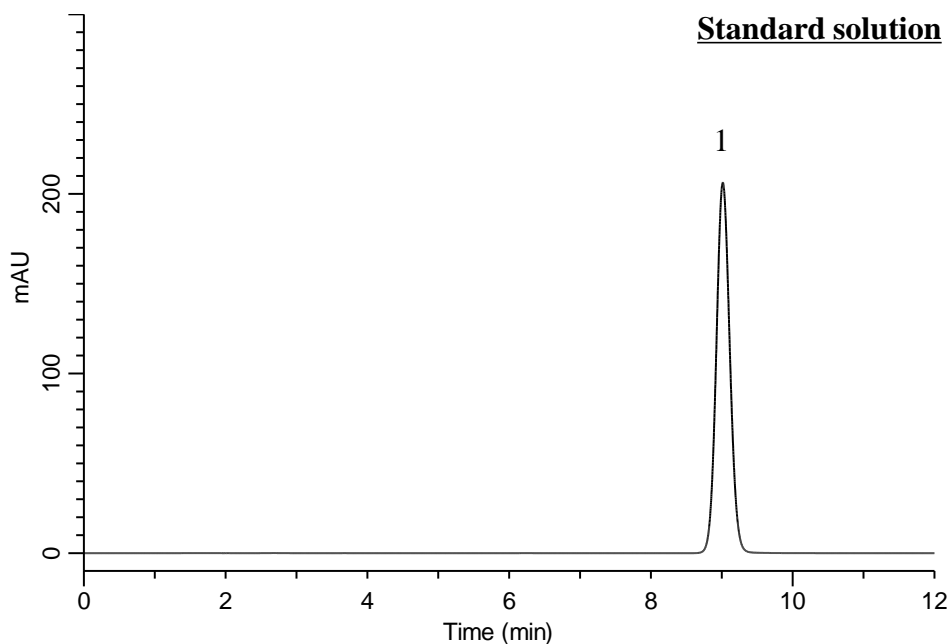


Analysis of Voriconazole

(Under the Condition of the Japanese Pharmacopoeia, Voriconazole Tablets)



Conditions

System : GL7700 HPLC system
Column : Inertsil WP300 C18
 (4 μ m, 150 x 3.9 mm I.D.)
Column Cat. No. : 5020-89606
Eluent : A) CH₃CN
 B) CH₃OH
 C) Buffer*
 A/B/C = 15/30/55, v/v/v
Flow Rate : 0.94 mL/min
Col. Temp. : 35 °C
Detection : UV 256 nm (UV7750 UV Detector)
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. Voriconazole 100 mg/L

Theoretical plates : 10,651 (\geq 5,000)
 Tailing factor : 1.07 (\leq 1.7)
 RSD of the
 peak area (%) (n=6) : 0.05 (\leq 1.0)

*Dissolve 1.9 g of ammonium formate in 1000 mL of water.
Adjust pH 4.0 by formic acid.