

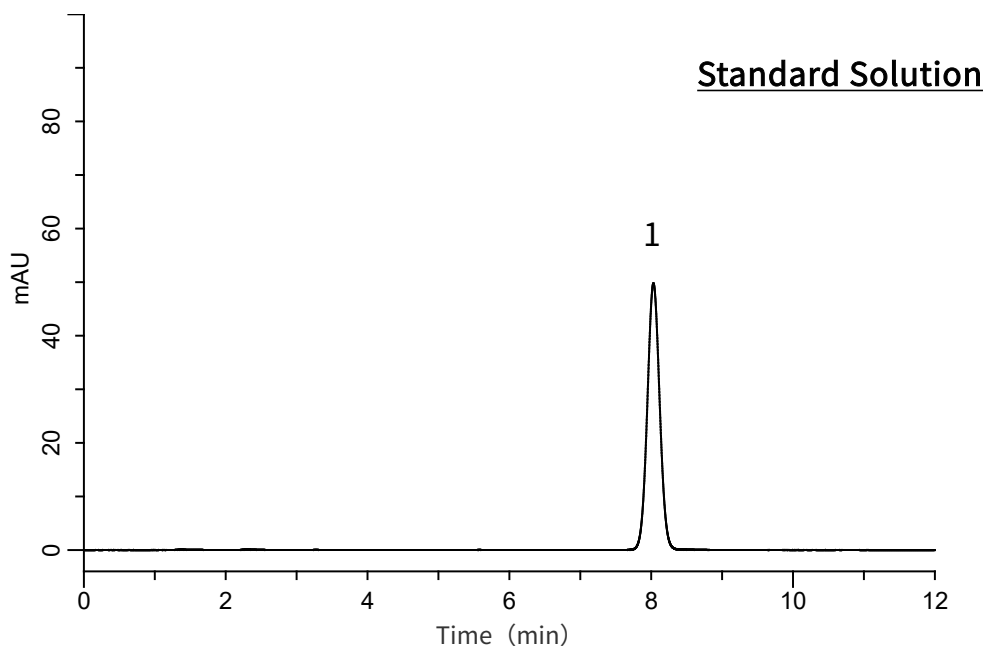
InertSearch™ for LC

Inertsil® Applications

Analysis of Voriconazole

(Under the Condition of the Japanese Pharmacopoeia)

Data No. LB309-0894



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 : 1.06 mL/min
Col. Temp. : 35 °C
Detection : UV 256 nm (UV7750 UV Detector)
Injection Vol. : 20 μ L
Sample : Standard

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

Analyte:

1. Voriconazole 25 mg/L
Theoretical plates : 10,112 ($\geq 3,500$)
Tailing factor : 1.04 (≤ 1.7)
RSD of the
peak area (%) (n=6) : 0.06 (≤ 1.0)