

Analysis of Fluconazole

(Under the Condition of the Japanese Pharmacopoeia)

Data No. LB408-0919

Standard Solution

1. Fluconazole 3 mg/L

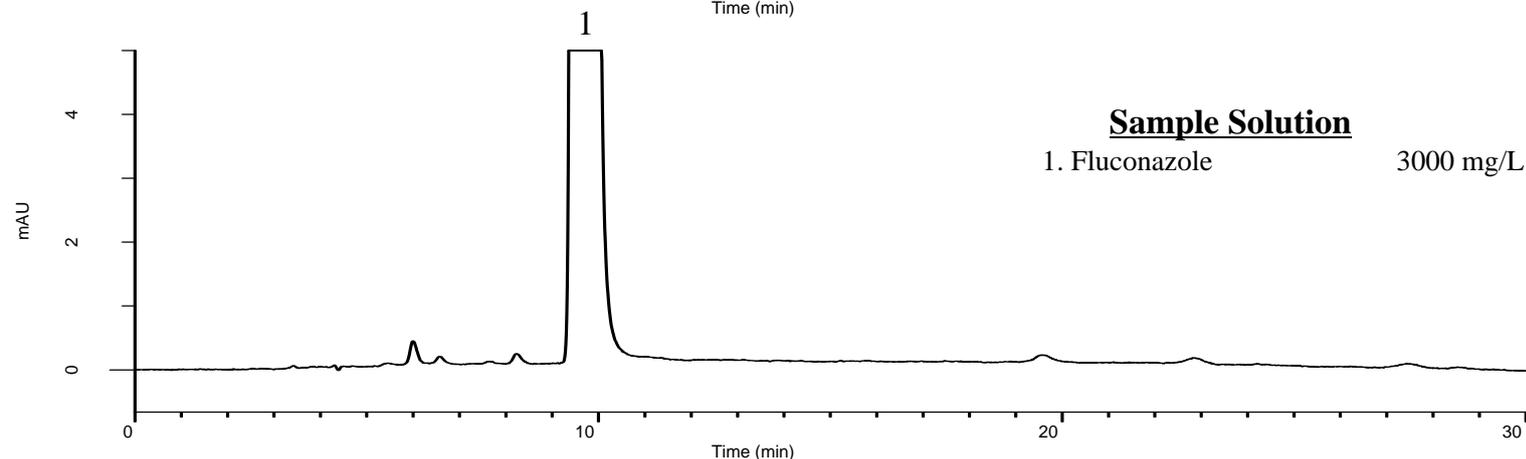
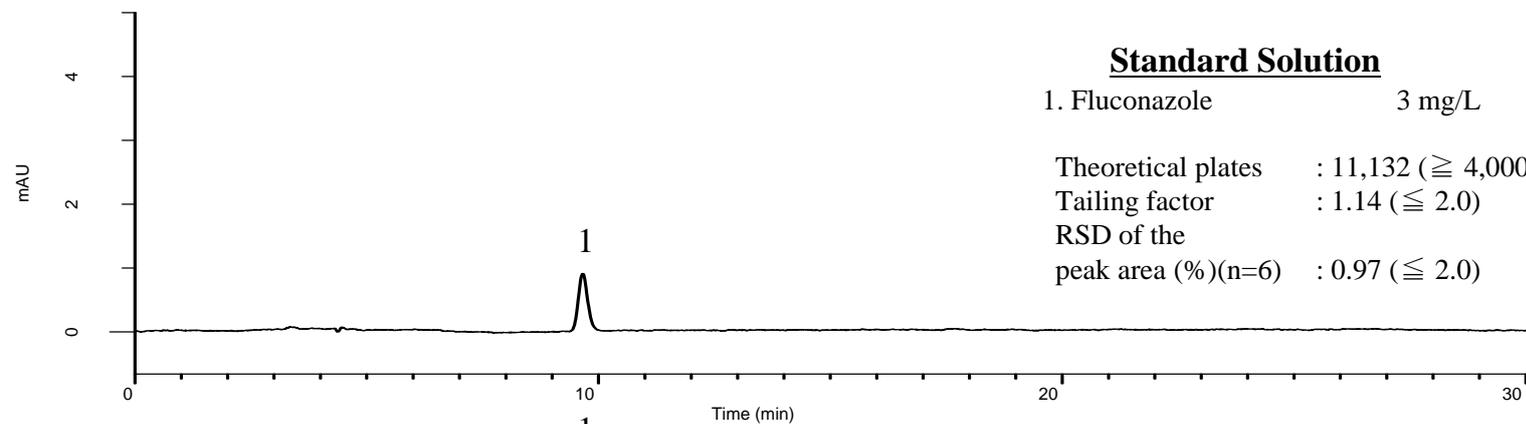
Theoretical plates : 11,132 ($\geq 4,000$)

Tailing factor : 1.14 (≤ 2.0)

RSD of the peak area (%) (n=6) : 0.97 (≤ 2.0)

Sample Solution

1. Fluconazole 3000 mg/L



Conditions

System : GL7700 HPLC system
Column : InertSustainSwift C18
(5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-88026
Eluent : A) CH₃CN
B) H₂O
A/B = 20/80, v/v
Flow Rate : 0.5 mL/min
Col. Temp. : 40 °C
Detection : UV 260 nm (PD7752 PDA Detector)
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. Fluconazole