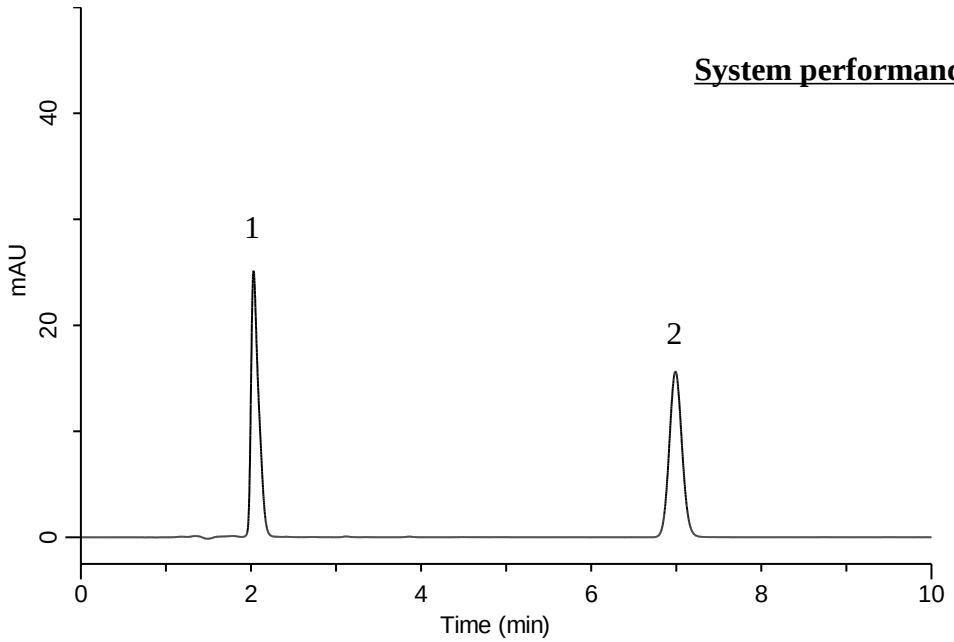
Analysis of Candesartan cilexetil

(Under the Condition of the Japanese Pharmacopoeia, Candesartan cilexetil and Hydrochlorothiazide Tablets)



Conditions

System : GL7700 HPLC system
Column : Inertsil ODS-4
(4 μm, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-89608
Eluent : A) CH_3CN
B) Buffer*
A/B = 11/9, v/v
Flow Rate : 0.99 mL/min
Col. Temp. : 25 ℃
Detection : UV 254 nm (UV7750 UV Detector)
Injection Vol. : 10 μL
Sample : Standard

*Dissolve 7.80 g of sodium dihydrogenphosphate dihydrate in 900 mL of water.
Adjust pH 5.5 by sodium hydroxide.
Add water to make 1,000 mL.

Analyte:

1. Hydrochlorothiazide	3.8 mg/L
2. Candesartan cilexetil	2.5 mg/L

Resolution (1, 2) : 22.8 (≧ 7)