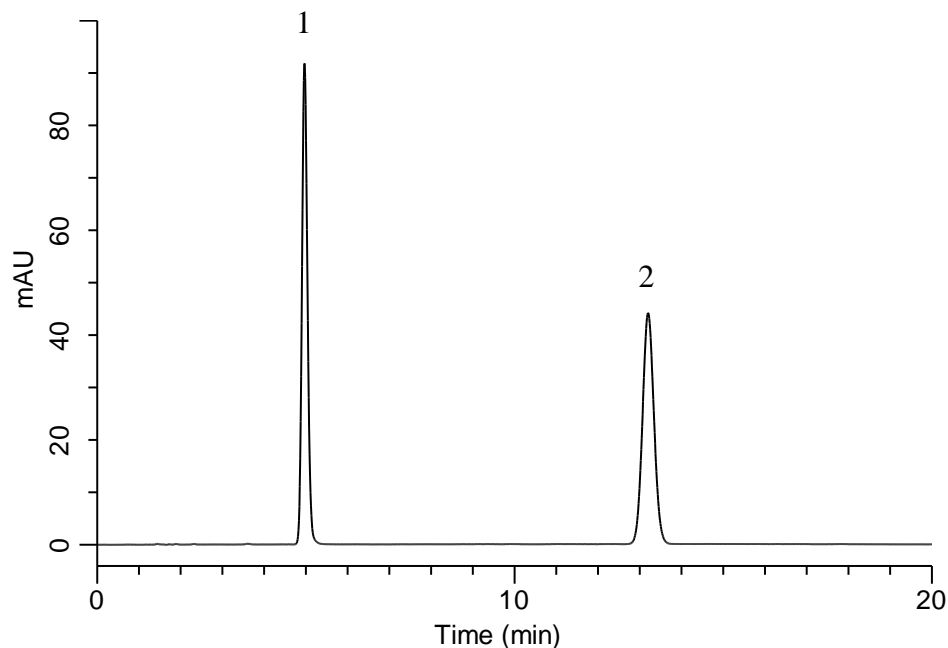


Analysis of Azosemide

(Under the Condition of the draft for the Japanese Pharmacopoeia, Azosemide Tablets)



Conditions

System : GL7700 HPLC system
Column : InertSustain C18
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-07345
Eluent : A) CH₃OH
 B) CH₃CN
 C) 30 mM KH₂PO₄ in H₂O
 A/B/C = 18/27/55, v/v/v
Flow Rate : 0.88 mL/min
Col. Temp. : 25 °C
Detection : UV 280 nm (PD7752 PDA Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Azosemide 30 mg/L
 2. *p*-Hydroxybenzoic acid *n*-propyl ester 60 mg/L

Resolution (1, 2) : 22.2 (≥ 8)
 RSD of the peak
 area ratio of
 1 to 2 (%) (n=6) : 0.05 (≤ 1.0)