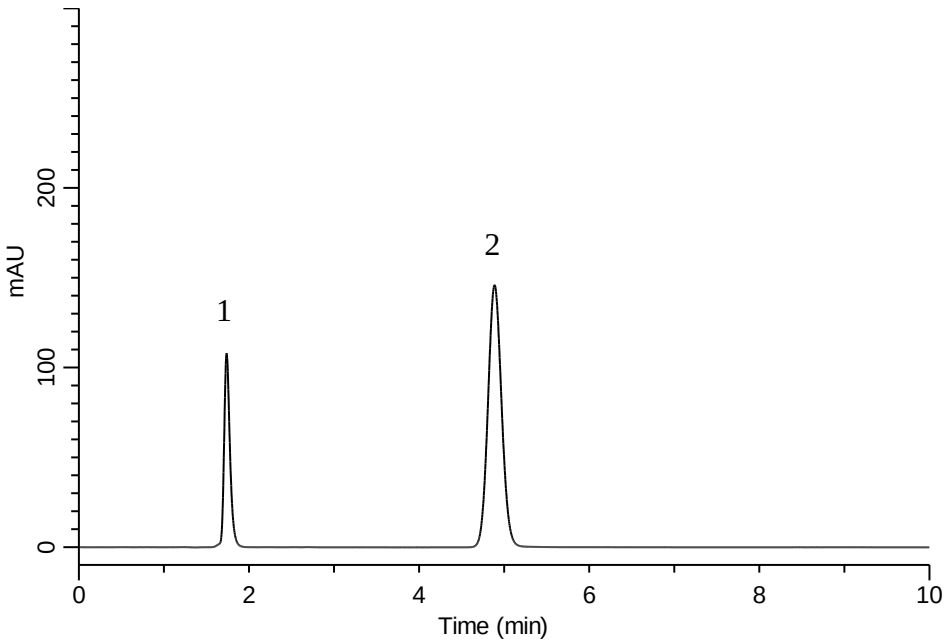
Analysis of Losartan potassium and Hydrochlorothiazide

(Under the Condition of USP 35-NF30,
Losartan potassium and Hydrochlorothiazide Tablets)



Conditions

System : GL-7400 HPLC system
Column : Inertsil C8-3 (10 μm, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-01642
Eluent : A) CH_3CN
B) 10 mM KH_2PO_4 (pH 2.5, H_3PO_4)
A/B = 40/60, v/v
Flow rate : 2.3 mL/min
Col. Temp. : 35 ℃
Detection : UV 230 nm (GL-7450 UV Detecor)
Injection Vol. : 20 μL

Analyte:

1. Hydrochlorothiazide 14 mg/L
2. Losartan potassium 55 mg/L

Dissolution (Standard Solution)

	System suitability requirement	Result
Resolution (1, 2)	≧2	15.3
Relative standard deviation of the peak area (1, 2)	≦2.0 %	1 : 0.07 % 2 : 0.02 %