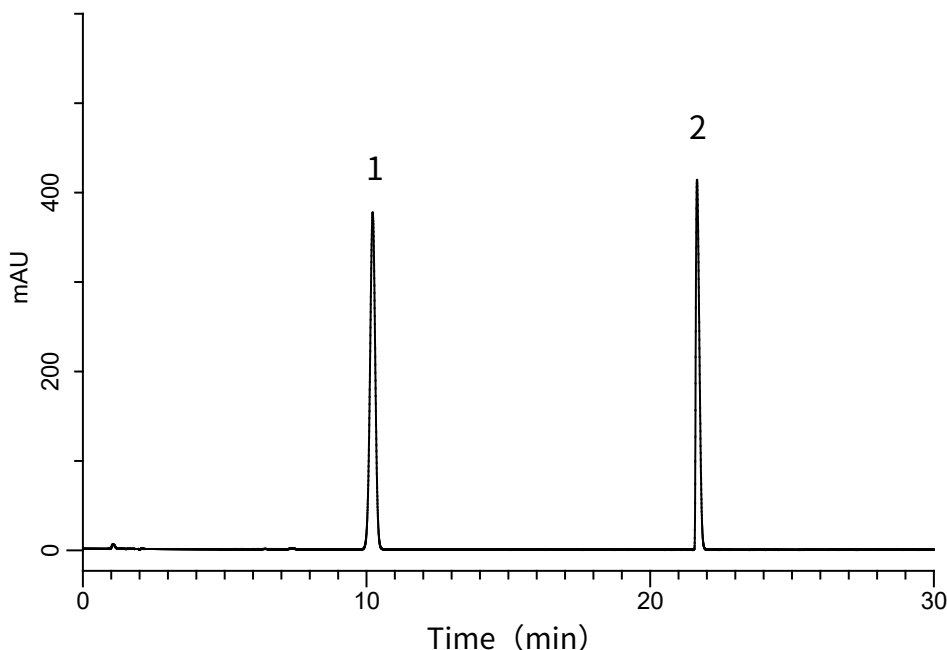


InertSearch™ for LC

Inertsil® Applications

Analysis of Losartan Potassium and Hydrochlorothiazide (Based on the Condition of United States Pharmacopeia 35-NF30)

Data No. LB020-0871



Conditions

System : GL-7400 system
Column : InertSustain C8 (5 µm, 150 x 4.0 mm I.D.)
Column Cat. No. : 5020-16020
Eluent : A) CH₃CN/Buffer* = 7/93, v/v (Premix)
 : B) CH₃CN
 : A/B = 100/0 – 12 min – 92/8 – 16 min – 38/62
 : – 2 min – 100/0 – 5 min – 100/0, v/v

Flow rate : 1.0 mL/min

Col. Temp. : 35 °C

Detection : UV 280 nm (GL-7450 UV Detector)

Injection Vol. : 20 µL

* Buffer : 1.25 g/L of monobasic potassium phosphate and 1.5 g/L of dibasic sodium phosphate in water.

Analyte:

1. Hydrochlorothiazide 0.1 mg/mL
2. Losartan Potassium 0.4 mg/mL

Tailing factor of 2 : 1.79 (< 2.5)