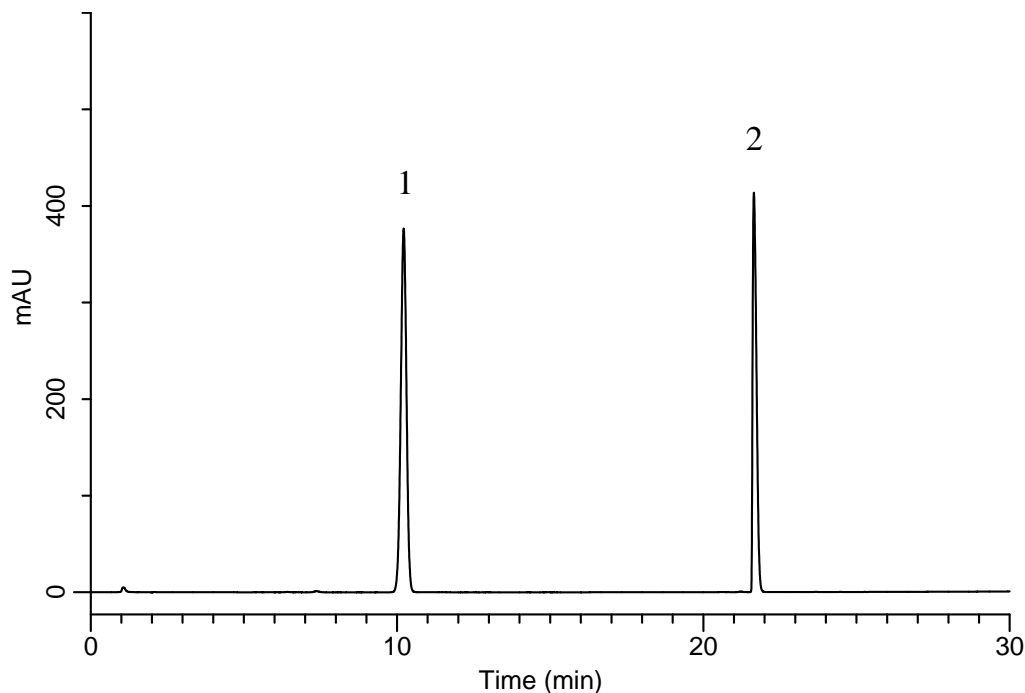


# InertSearch™ for LC

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  $\mu$  m, 150 x 4.0 mm I.D.)  
**Column Cat. No.** : 5020-16020  
**Eluent** : A) CH<sub>3</sub>CN/Buffer\* = 7/93, v/v (Premix)  
          B) CH<sub>3</sub>CN  
          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  $\mu$  L

\* 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)