

InertSearch™ for LC

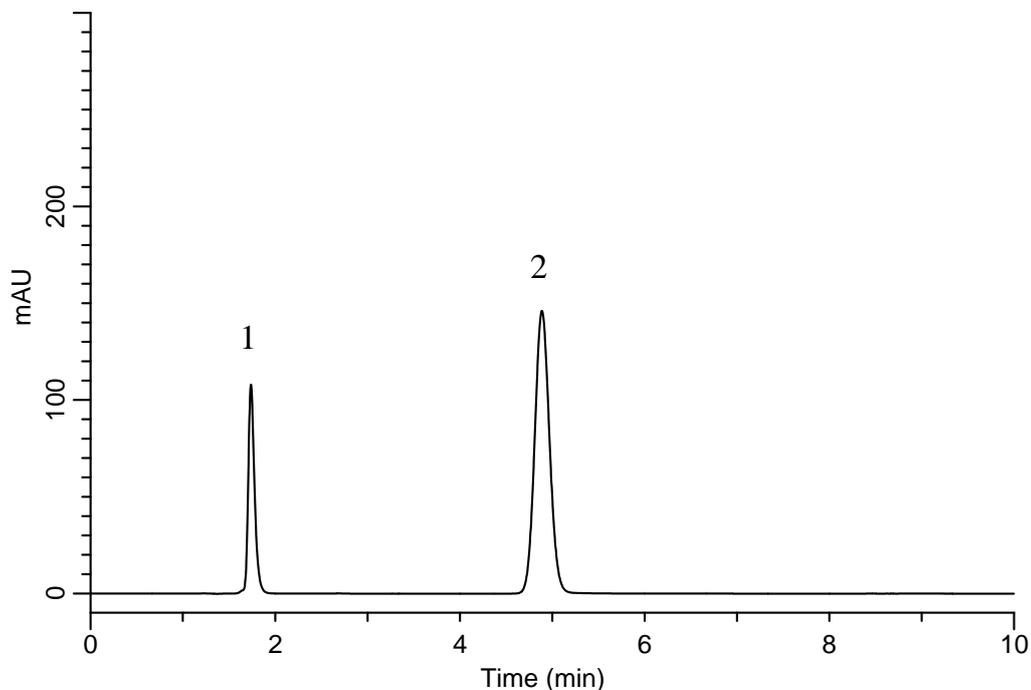
Inertsil® Applications

Analysis of Losartan potassium and Hydrochlorothiazide

(Under the Condition of USP 35-NF30,

Losartan potassium and Hydrochlorothiazide Tablets)

Data No. LB200-0894



Conditions

System : GL-7400 HPLC system
Column : Inertsil C8-3 (10 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-01642
Eluent : A) CH₃CN
B) 10 mM KH₂PO₄ (pH 2.5, H₃PO₄)
A/B = 40/60, v/v
Flow rate : 2.3 mL/min
Col. Temp. : 35 °C
Detection : UV 230 nm (GL-7450 UV Detecor)
Injection Vol. : 20 μ L

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)	$\leq 2.0\%$	1 : 0.07 % 2 : 0.02 %