

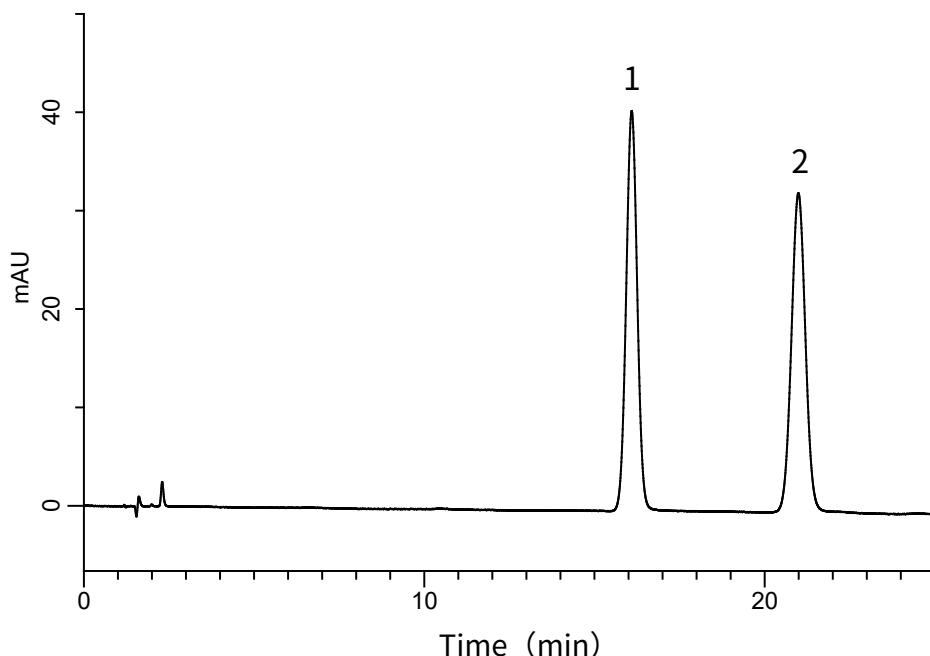
InertSearch™ for LC

Inertsil® Applications

Analysis of Olmesartan medoxomil

(Under the Condition of the Japanese Pharmacopoeia)

Data No. LB085-0894



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-2
5 μ m, 150 $\times$ 4.6 mm I.D.)
Column Cat. No. : 5020-01124
Eluent : A) CH₃CN
B) 15 mM KH₂PO₄ (pH3.4, H₃PO₄)
A/B = 34/66, v/v
Flow Rate : 1.10 mL/min
Col. Temp. : 40 °C
Detection : UV 250 nm (GL-7452 PDA Detector)
Injection Vol. : 10 μ L

Analyte:

1. Olmesartan medoxomil 50 mg/L
2. *p*-Hydroxy benzoic acid
isobutyl ester 25 mg/L

Resolution (1, 2) : 7.2 (≥ 4)
RSD of the
peak area ratio of
1 to 2 (%) (n=6) : 0.17 (≤ 0.5)