

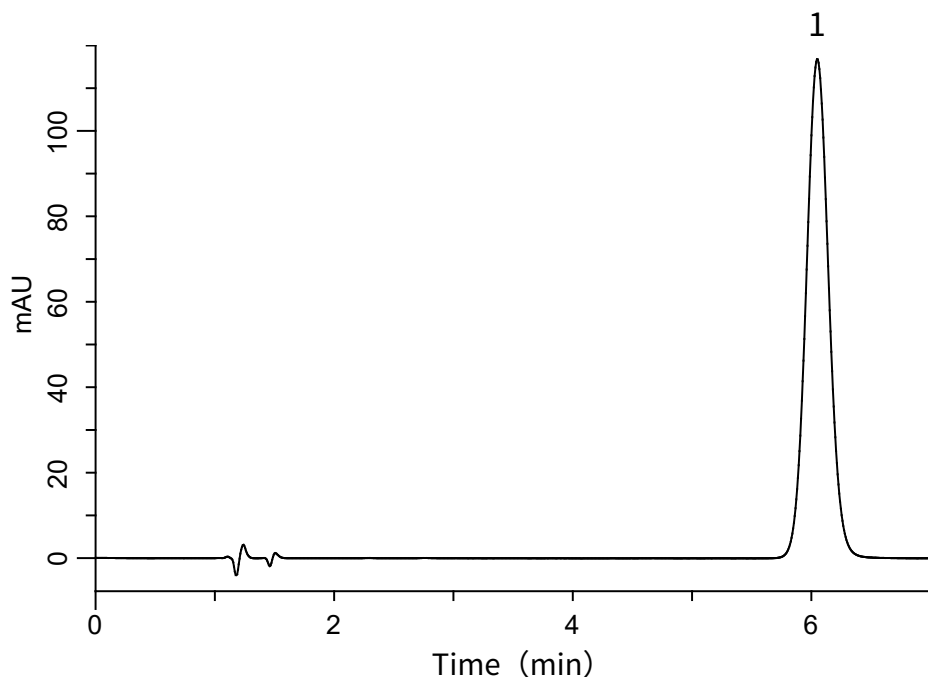
InertSearch™ for LC

Inertsil® Applications

Analysis of Telmisartan

(Under the Condition of the Japanese Pharmacopoeia, Telmisartan Tablets)

Data No. LB164-0919



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-4
(5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-03945
Eluent : A) CH₃OH
B) 15 mM (NH₄)₂HPO₄ in H₂O
(pH 3.0, 10 % H₃PO₄ in H₂O)
A/B = 70/30, v/v
Flow Rate : 1.4 mL/min
Col. Temp. : 40 °C
Detection : UV 295 nm (GL-7452 PDA Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Telmisartan 80 mg/L

Theoretical plates : 4,840 ($\geq 3,000$)
Tailing factor : 1.04 (≤ 2.0)
RSD of the
peak area (%) (n=6) : 0.21 (≤ 1.0)