

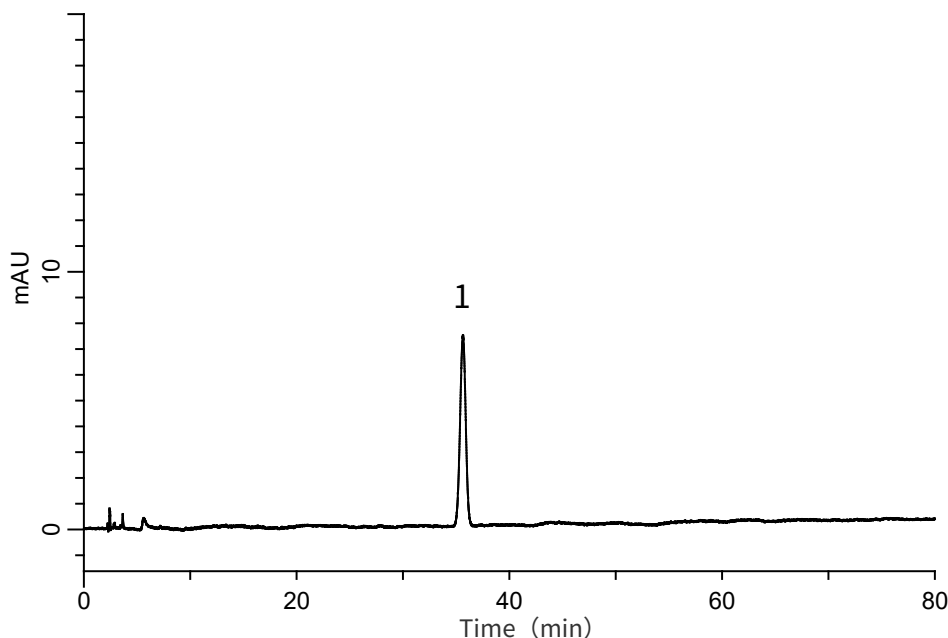
InertSearch™ for LC

Inertsil® Applications

Analysis of Azelnidipine

(Under the Condition of the Japanese Pharmacopoeia)

Data No. LB250-0894



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-4 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-03946
Eluent : A) CH₃CN
 : B) CH₃OH
 : C) 22 mM KH₂PO₄ in H₂O (pH 5.5, H₃PO₄)
 : A/B/C = 45.5/19.5/35, v/v/v
Flow rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 220 nm (GL-7452A PDA Detector)
Injection Vol. : 10 μ L

Analyte:

1. Azelnidipine 10 mg/L
Theoretical plates : 21,198 ($\geq$ 15,000)
Tailing factor : (0.8 $\leq$) 0.99 ($\leq$ 1.5)
RSD of the
peak area (%) (n=6) : 0.79 ($\leq$ 1.0)