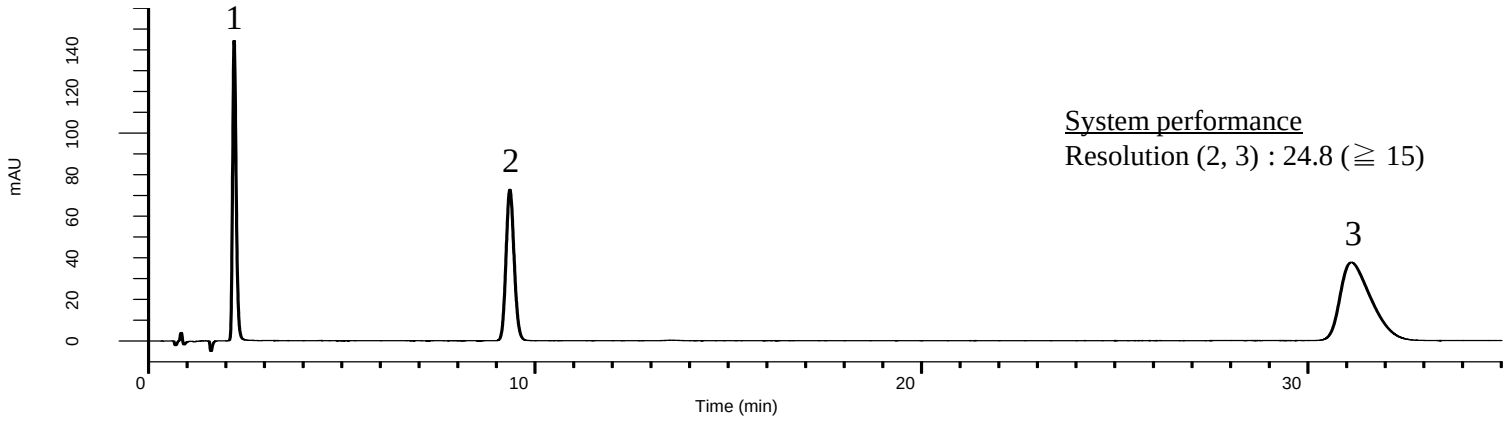
InertSearch™ for LC

Inertsil ® Applications

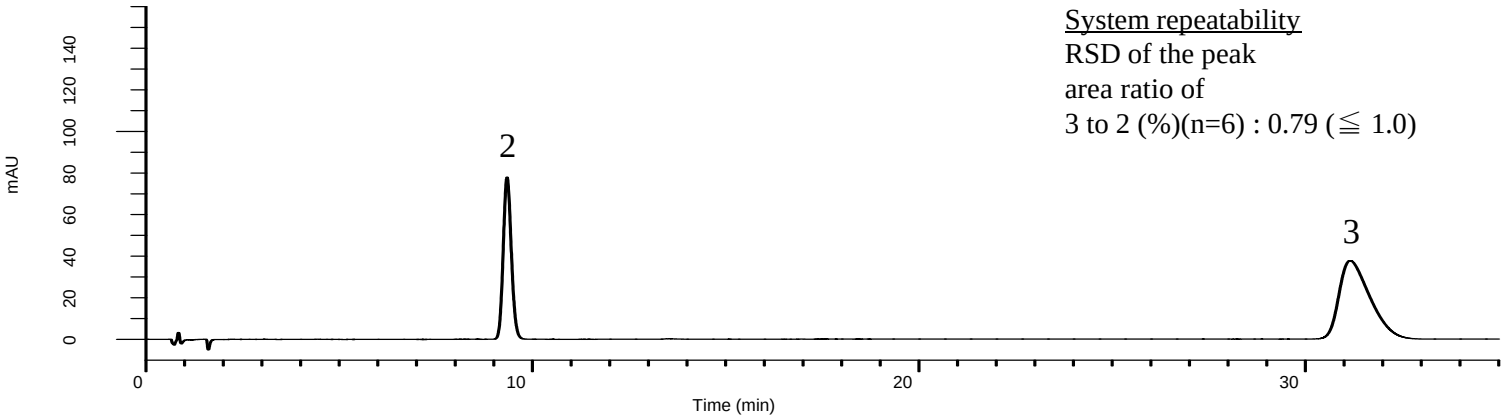
Analysis of Candesartan cilexetil

(Under the Condition of the Japanese Pharmacopoeia, Candesartan cilexetil and Amlodipine besylate Tablets)

Data No. LB154-0919



System performance
Resolution (2, 3) : 24.8 (≧ 15)



System repeatability
RSD of the peak area ratio of 3 to 2 (%)(n=6) : 0.79 (≦ 1.0)

Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-4 (5 μm, 150 x 3.9 mm I.D.)
Column Cat. No. : 5020-87023
Eluent : A) CH_3CN
B) 0.7 % Triethylamine in H_2O (pH 6.5, H_3PO_4)
A/B = 80/50, v/v
Flow Rate : 1.55 mL/min
Col. Temp. : 25 ℃
Detection : UV 238 nm (GL-7452 PDA Detector)
Injection Vol. : 10 μL
Sample : Standard

Analyte:

1. Amlodipine besylate	70 mg/L
2. *p*-Hydroxybenzoic acid *n*-butyl ester	80 mg/L
3. Candesartan cilexetil	160 mg/L