

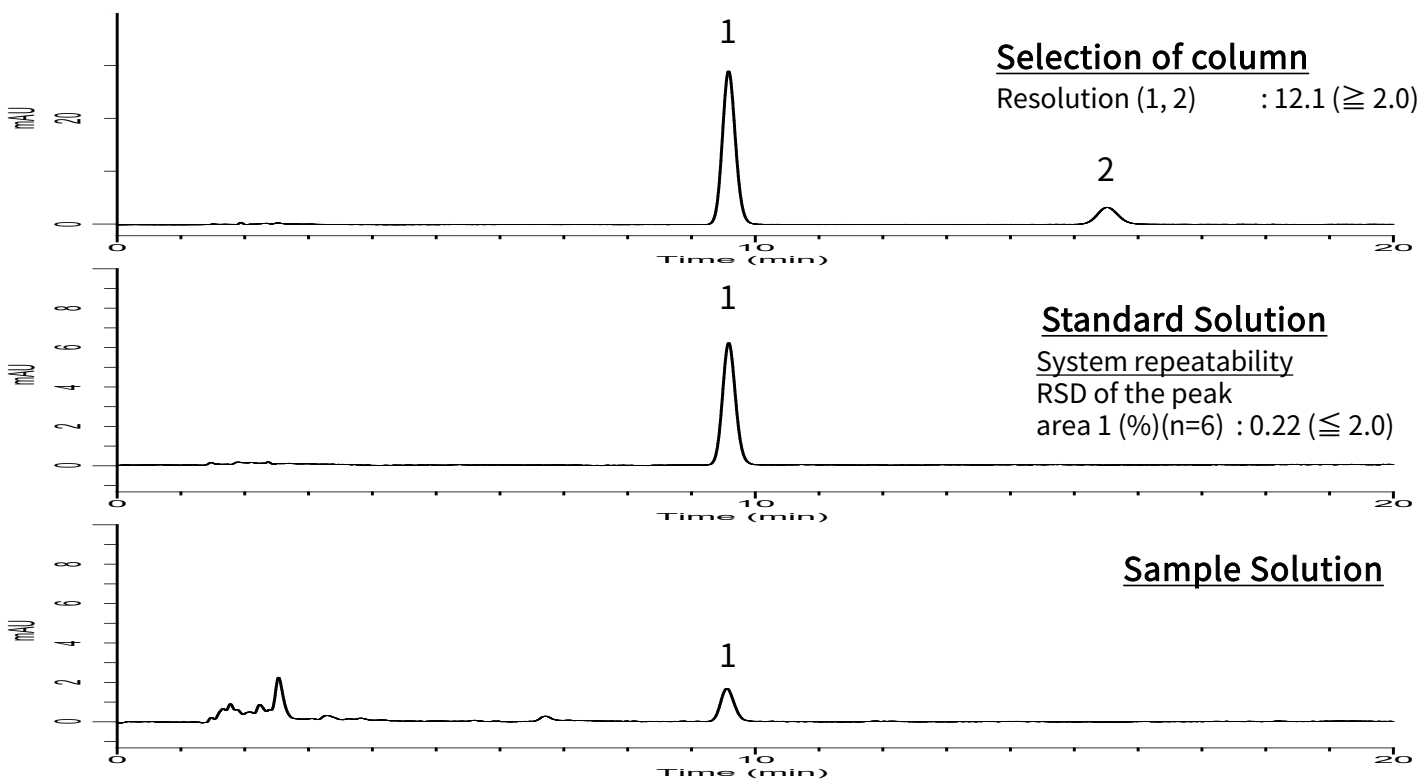
InertSearch™ for LC

Inertsil® Applications

Analysis of Povidone

(Under the Condition of the draft for the Japanese Pharmacopoeia, (4) 1-Vinyl-2-pyrrolidone)

Data No. LB176-0894



Conditions

System : GL-7400 HPLC system

Guard Column : InertSustain C18
(5 μ m, 10 x 4.0 mm I.D.)

Guard Column

Cat. No. : 5020-19099 (Holder/Cartridge Set) or 5020-19049 (Replacement Cartridge)

Column : InertSustain C18
(5 μ m, 150 x 4.6 mm I.D.)

Column Cat. No. : 5020-07345

Eluent : A) CH₃CN
B) H₂O
A/B = 1/9, v/v

Flow Rate : 1.0 mL/min

Col. Temp. : 40 °C

Detection : UV 235 nm (GL-7452 PDA Detector)

Injection Vol. : 50 μ L

Analyte:

1. 1-Vinyl-2-pyrrolidone
2. Vinyl acetate