

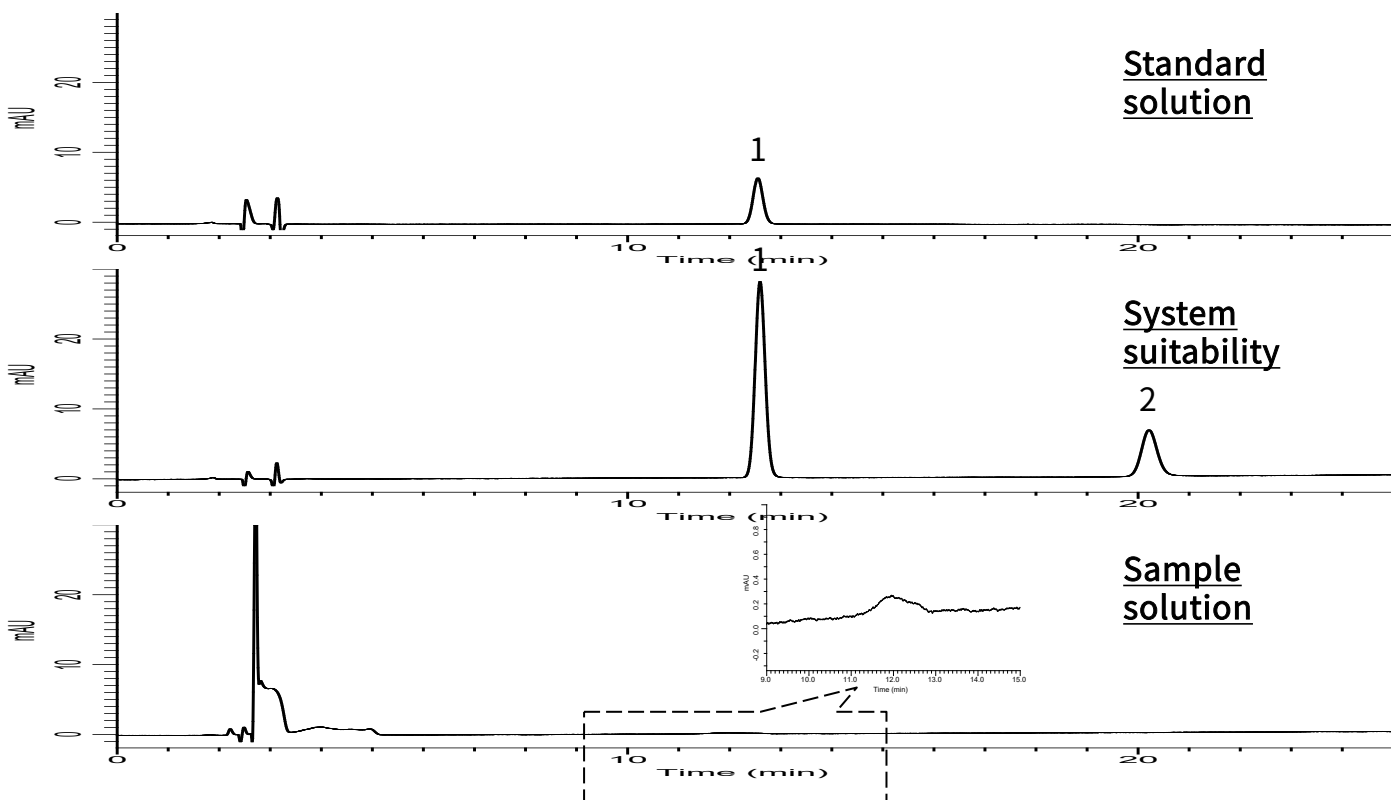
InertSearch™ for LC

Inertsil® Applications

Analysis of Crospovidone

(Under the Condition of the Japanese Pharmacopoeia)

Data No. LB167-0894



Conditions

System : GL-7400 HPLC system
Guard Column : InertSustain C18
(5 μ m, 25 x 4.0 mm I.D.)
Column Cat. No. : 5020-03399
Column : InertSustain C18
(5 μ m, 250 x 4.0 mm I.D.)
Column Cat. No. : 5020-07336
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

System suitability

System performance

Resolution (1, 2) : 16.3 (≥ 2.0)

System repeatability

RSD of the peak
area 1 (%) (n=6) : 0.98 (≤ 2.0)