

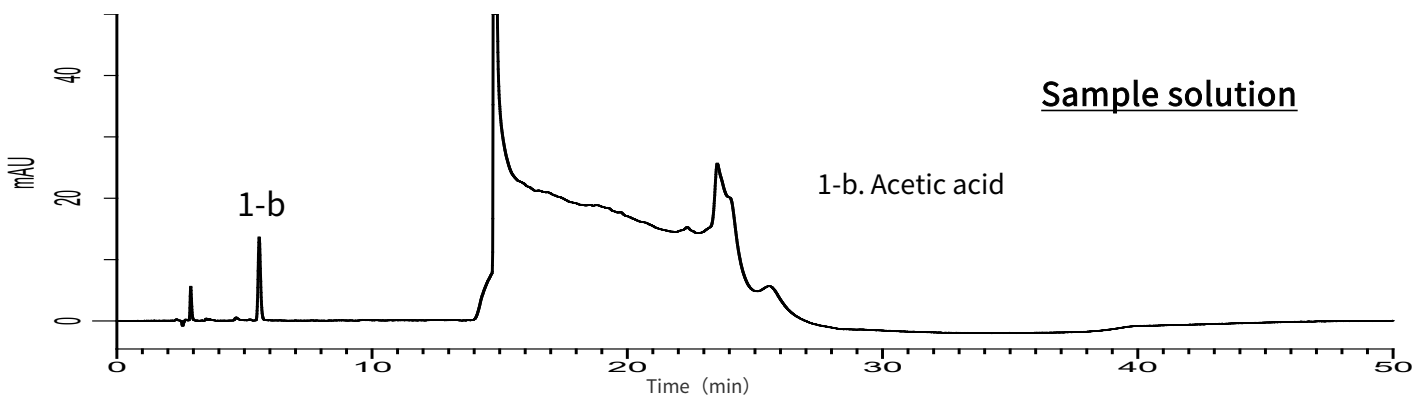
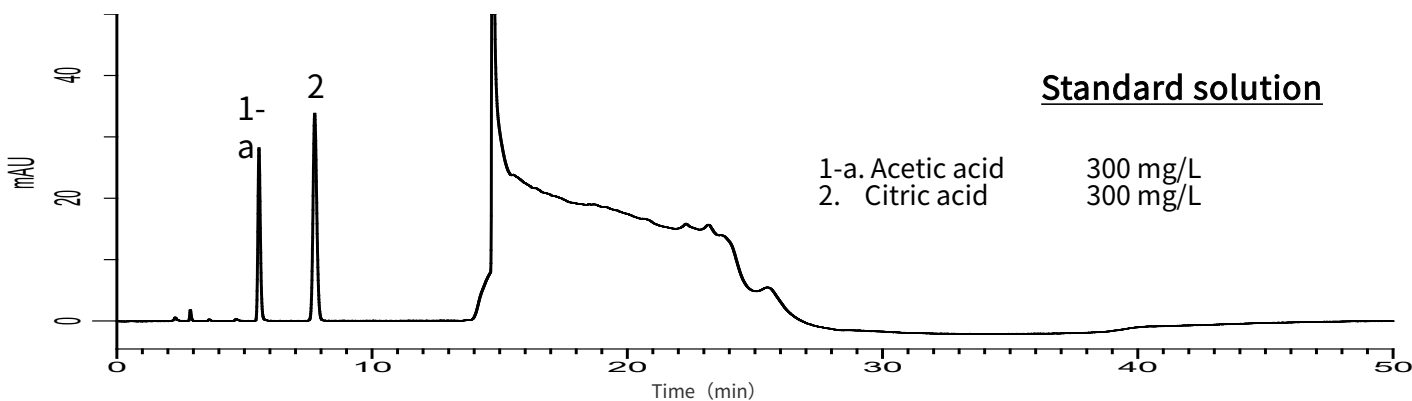
InertSearch™ for LC

Inertsil® Applications

Analysis of Polyvinyl alcohol-Polyethylene glycol Graft copolymer

(Under the Condition of the Japanese Pharmaceutical Excipients, (3) Acetic acid)

Data No. LB228-0894



Conditions

System : GL-7400 HPLC system
Column : InertSustain C18
(5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-07346
Eluent : A) 5 mM H₂SO₄ in H₂O
B) 5 mM H₂SO₄ in H₂O/CH₃CN = 1/1, v/v

Analyte:

1. Acetic acid
2. Citric acid

Resolution (1, 2) : 9.7 (≥ 2.0)
RSD of the peak area of 1-a (%) (n=6) : 0.32 (≤ 2.0)

Time(min)	A(vol%)	B(vol%)
0.0	100	0
10.0	100	0
10.1	0	100
20.0	0	100
20.1	100	0
50.0	100	0

Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 205 nm (GL-7452 PDA Detector)
Injection Vol. : 20 μ L
Sample : Standard