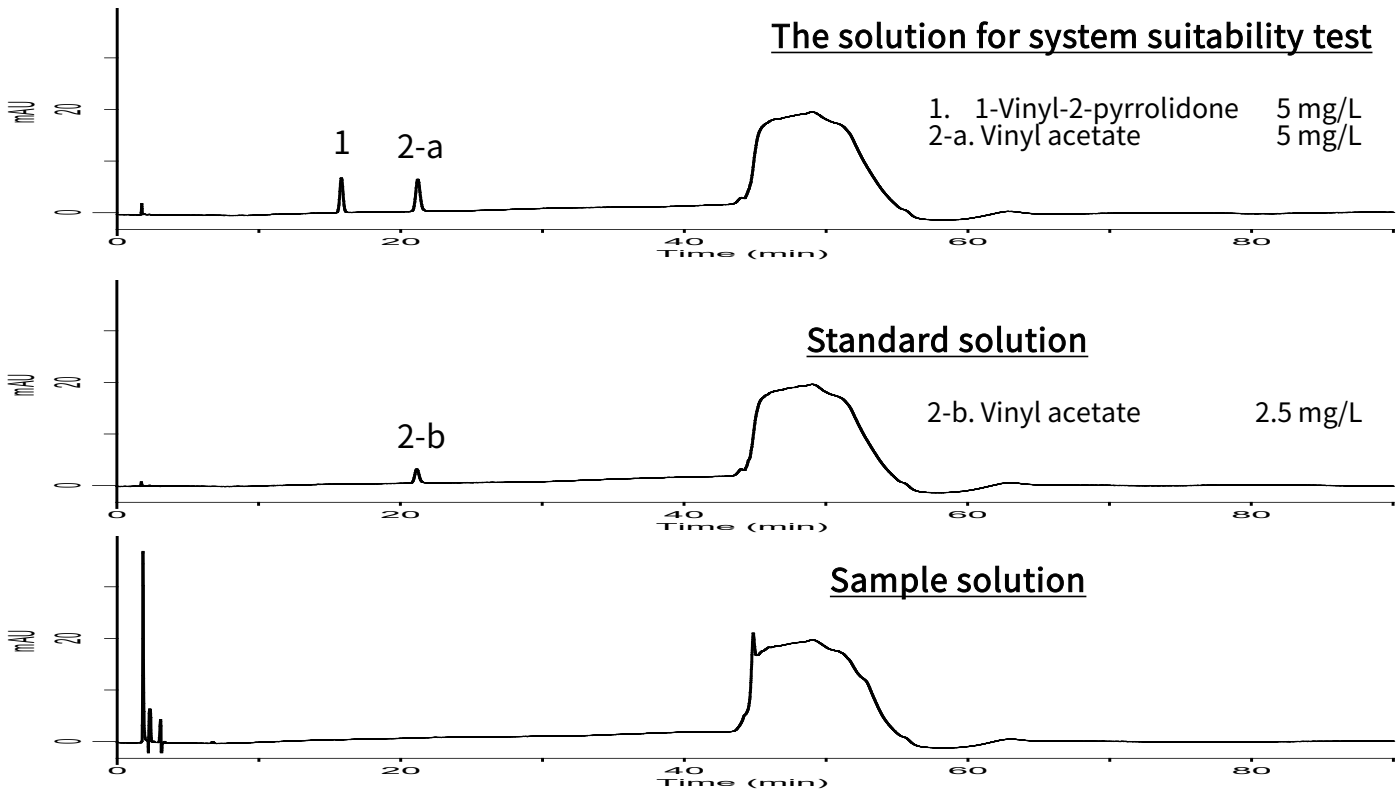


Analysis of Polyvinyl alcohol-Polyethylene glycol Graft copolymer

(Under the Condition of the JPE (Japanese Pharmaceutical Excipients), (4) Vinyl acetate)

Data No. LB229-0894



Conditions

System : GL-7400 HPLC system
Column : InertSustain C18
(5 μ m, 250 x 4.0 mm I.D.)
Column Cat. No. : 5020-07336
Eluent : A) H₂O/CH₃CN/CH₃OH = 18/1/1, v/v/v
B) H₂O/CH₃CN/CH₃OH = 10/9/1, v/v/v

Analyte:

1. 1-Vinyl-2-pyrrolidone
2. Vinyl acetate
Resolution (1, 2-a) : 11.1 ($\geq$ 5.0)
RSD of the peak
area of 1 (%) (n=6) : 0.64 ($\leq$ 5.0)

Time(min)	A(vol%)	B(vol%)
0.0	100	0
2.0	100	0
40.0	85	15
42.0	0	100
48.0	0	100
51.0	100	0
90.0	100	0

Flow Rate : 1.0 mL/min
Col. Temp. : 30 $^{\circ}$ C
Detection : UV 205 nm (GL-7452 PDA Detector)
Injection Vol. : 10 μ L