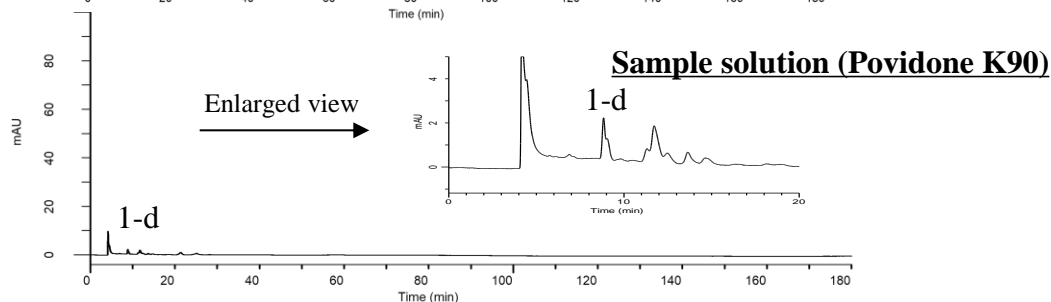
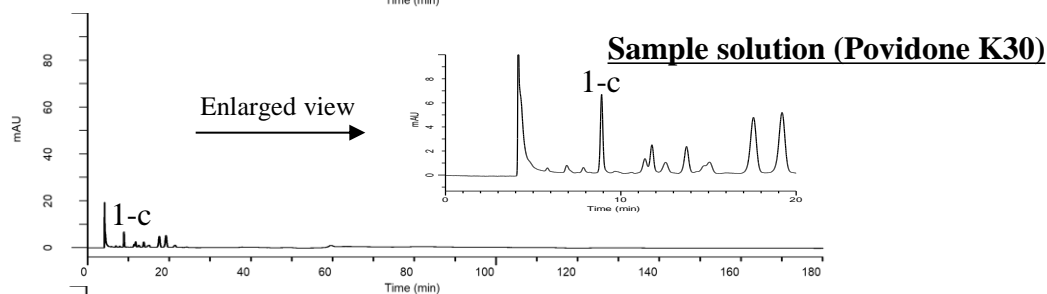
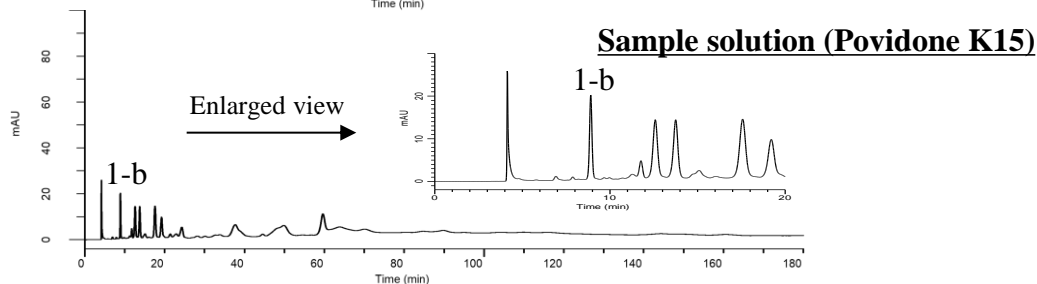
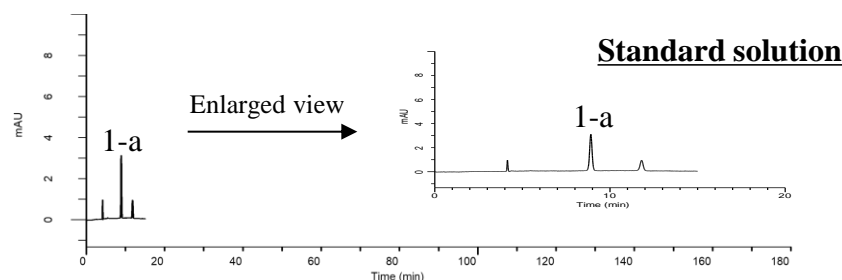


## Analysis of Povidone

(Under the Condition of the Japanese Pharmacopoeia 17th edition, (7) Formic acid)



### Conditions

**System** : GL7700 HPLC system  
**Column** : InertSphere FA-1  
 (9  $\mu$  m, 300 x 7.8 mm I.D.)  
**Column Cat. No.** : 5020-11003  
**Eluent** : 0.1 % Perchloric acid in H<sub>2</sub>O  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 35 °C  
**Detection** : UV 210 nm (PD7752 PDA Detector)  
**Injection Vol.** : 50  $\mu$  L  
**Sample** : Povidone

### Analyte

1. Formic acid

Theoretical plate number (1-a) : 17,902 ( $\geq 1,000$ )  
 Tailing factor (1-a) : (0.5  $\leq$  ) 0.99 ( $\leq 1.5$ )  
 RSD of the  
 1-a area (%) (n = 6) : 0.61 ( $\leq 2.0$ )