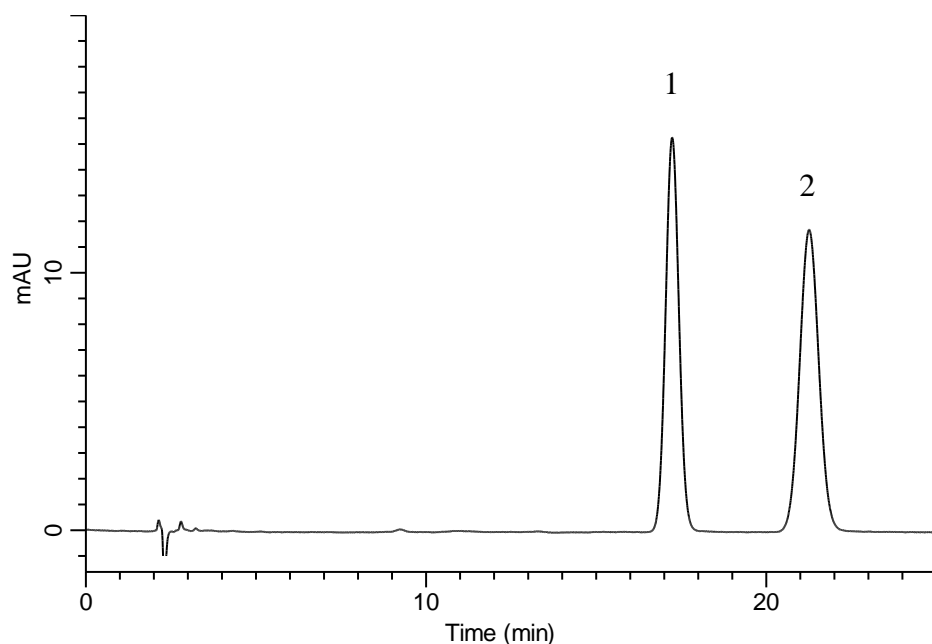


## Analysis of Pravastatin Sodium

(Under the Condition of the Japanese Pharmacopoeia,  
Pravastatin Sodium Tablets)



### Conditions

**System** : GL-7400 HPLC system  
**Column** : Inertsil WP300 C18  
 (5  $\mu$  m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-05845  
**Eluent** : A) CH<sub>3</sub>OH  
 B) H<sub>2</sub>O  
 C) CH<sub>3</sub>COOH  
 D) Triethylamine  
 A/B/C/D = 450/550/1/1, v/v/v/v  
**Flow Rate** : 0.9 mL/min  
**Col. Temp.** : 25 °C  
**Detection** : UV 238 nm (GL-7452 PDA Detector)  
**Injection Vol.** : 10  $\mu$  L  
**Sample** : Standard

### Analyte:

1. *p*-Hydroxybenzoic acid *n*-propyl ester 30 mg/L  
 2. Pravastatin sodium 32 mg/L

Resolution (1, 2) : 4.5 ( $\geq$  4)  
 RSD of the peak  
 area ratio of  
 2 to 1 (%) (n=6) : 0.41 ( $\leq$  1.0)