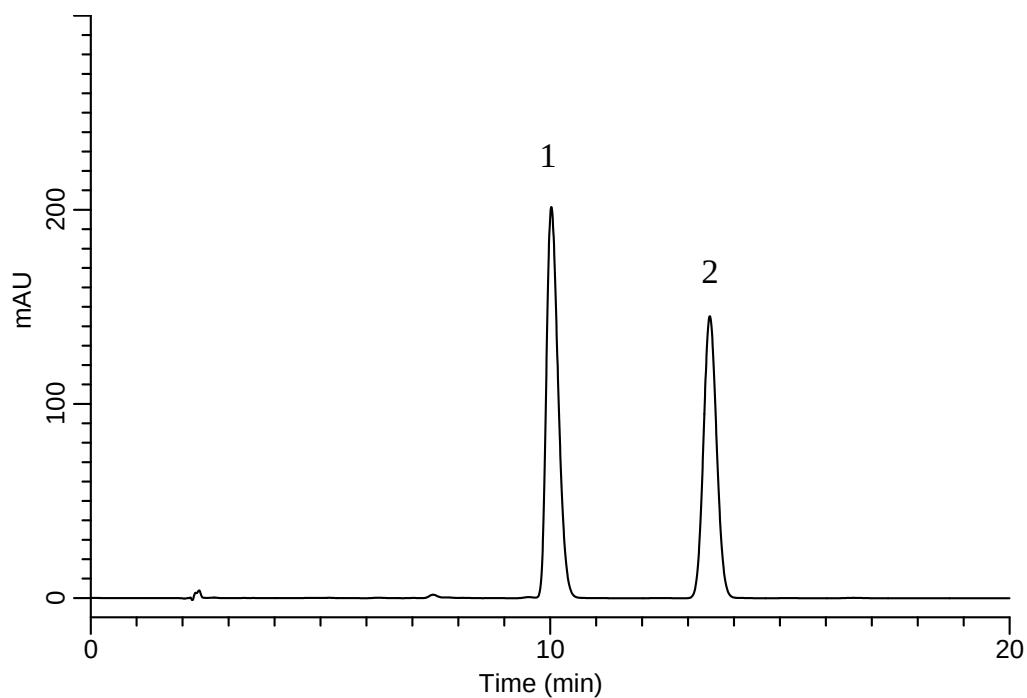


## Analysis of Pranlukast hydrate (Under the Condition of Japanese Pharmacopoeia)

Data No. LB094-0894



### Conditions

**System** : GL-7400 HPLC system  
**Column** : InertSustain C8  
(5  $\mu$  m, 150 x 6.0 mm I.D.)  
**Column Cat. No.** : 5020-16057  
**Eluent** : A) CH<sub>3</sub>CN  
B) CH<sub>3</sub>OH  
C) 20 mM KH<sub>2</sub>PO<sub>4</sub>  
A/B/C = 5/1/5, v/v/v  
**Flow Rate** : 1.2 mL/min  
**Col. Temp.** : 25 °C  
**Detection** : UV 260 nm (GL-7452 PDA Detector)  
**Injection Vol.** : 4  $\mu$  L  
**Sample** : Standard

### Analyte:

|                                                         |          |
|---------------------------------------------------------|----------|
| 1. Pranlukast hydrate                                   | 200 mg/L |
| 2. <i>p</i> -Hydroxybenzoic acid <i>iso</i> -amyl ester | 200 mg/L |

Resolution (1, 2) : 6.9 ( $\geq 3$ )  
RSD of the peak  
area ratio of  
1 to 2 (%) (n=6) : 0.06 ( $\leq 1.0$ )