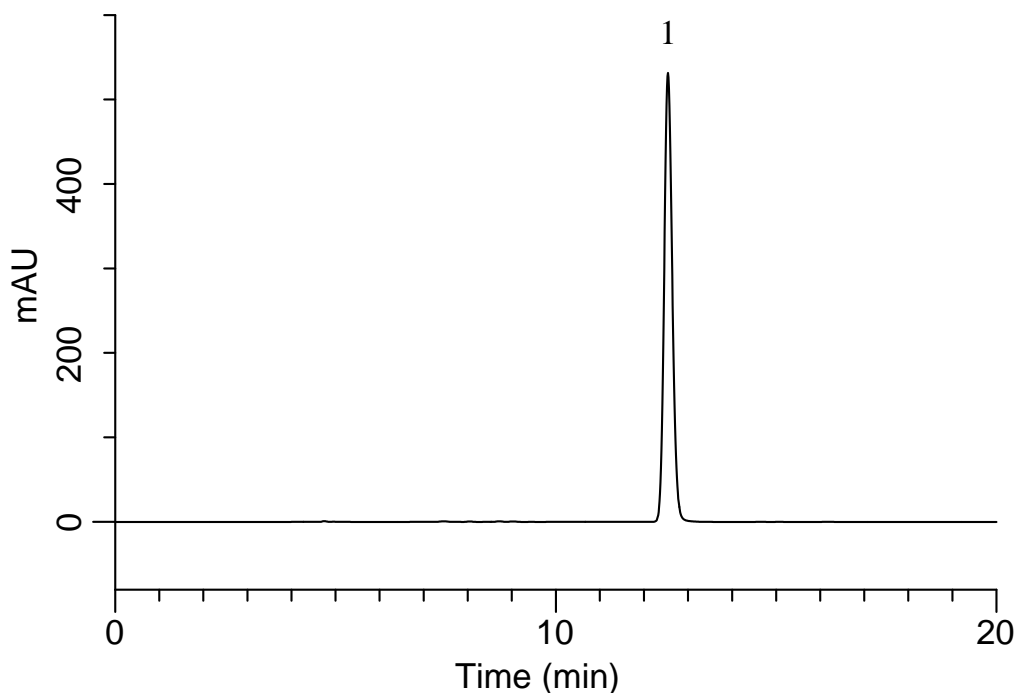


### Analysis of Eplerenone

(Under the Condition of the draft for the Japanese Pharmacopoeia)

Data No. LB413-0894



#### Conditions

**System** : GL7700 HPLC system  
**Column** : InertSustainSwift C18  
(5  $\mu$  m, 250 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-88027  
**Eluent** : A) CH<sub>3</sub>OH  
B) CH<sub>3</sub>CN  
C) 10 mM KH<sub>2</sub>PO<sub>4</sub> in H<sub>2</sub>O (pH 3.0, H<sub>3</sub>PO<sub>4</sub>)  
A/B/C = 6/36/58, v/v/v  
**Flow Rate** : 0.9 mL/min  
**Col. Temp.** : 35 °C  
**Detection** : UV 210 nm (PD7752 PDA Detector)  
**Injection Vol.** : 20  $\mu$  L  
**Sample** : Standard

#### Analyte:

1. Eplerenone 500 mg/L

Theoretical plates : 22,422 ( $\geq$  15,000)  
Tailing factor : 1.12 ( $\leq$  1.5)  
RSD of the  
peak area (n=6) : 0.06 ( $\leq$  1.0)