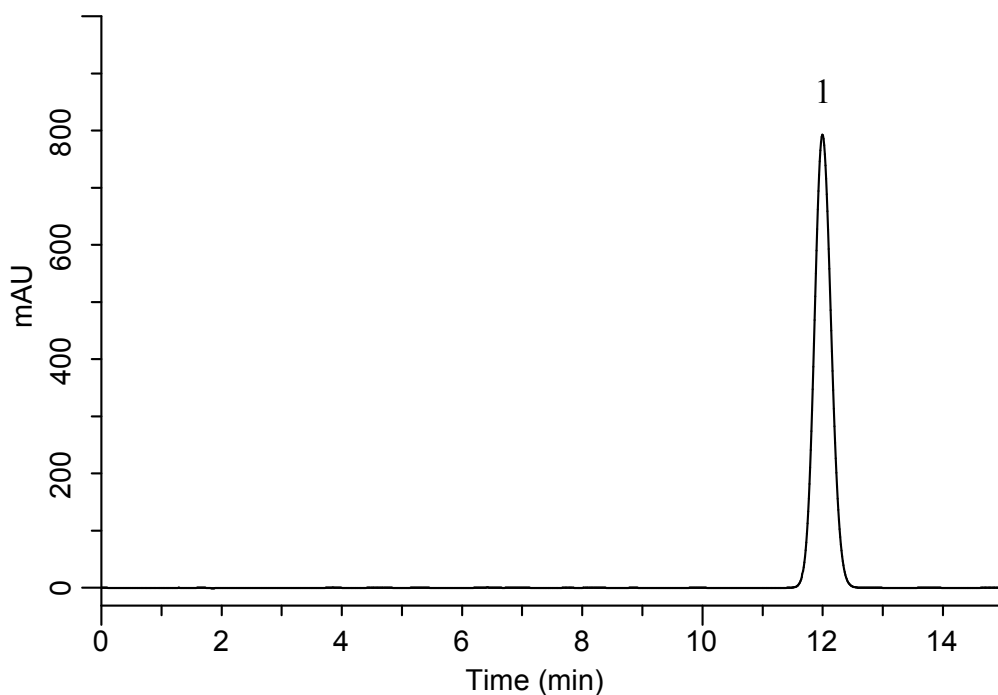


Analysis of Eplerenone

(Under the Condition of the Japanese Pharmacopoeia 17th edition, Eplerenone Tablets)

Data No. LB424-0894



Conditions

System : GL7700 HPLC system
Column : Inertsil ODS-3
(4 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-04645
Eluent : A) CH₃CN
B) CH₃OH
C) Buffer*
A/B/C = 9/36/55, v/v/v
Flow Rate : 1.15 mL/min
Col. Temp. : 25 °C
Detection : UV 243 nm (PD7752 PDA Detector)
Injection Vol. : 15 μ L
Sample : Standard

*Dissolve 1.4 g of monobasic potassium phosphate in 1000 mL of water, Adjust to pH 3.0 with phosphoric acid.

Analyte:

1. Eplerenone 500 mg/L

Theoretical plate number : 8,161 (\geq 3,000)
Tailing factor : 1.08 (\leq 2.0)
RSD of the area (%) (n = 6) : 0.03 (\leq 1.0)