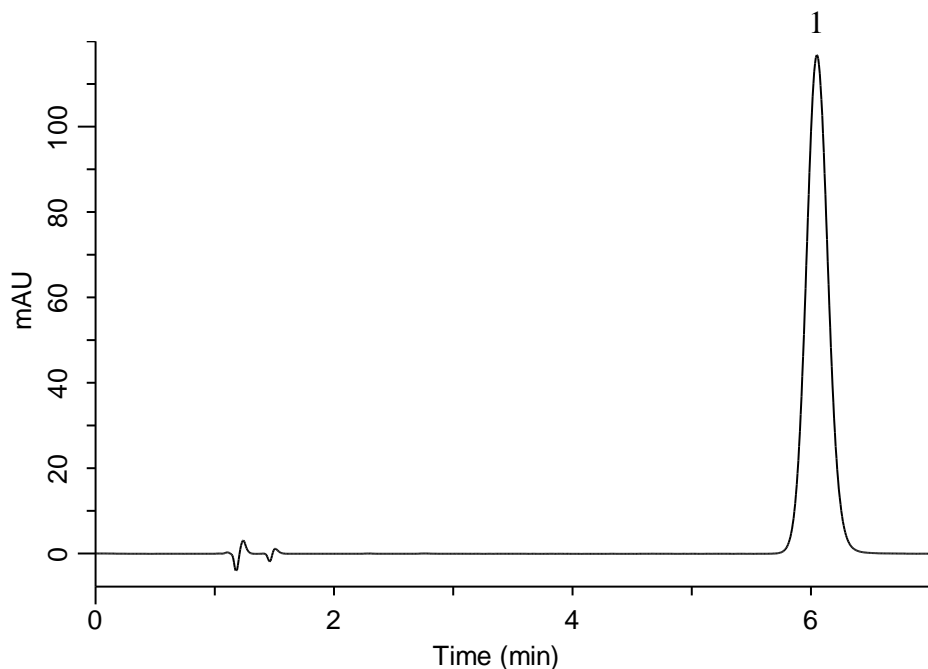


Analysis of Telmisartan

(Under the Condition of the Japanese Pharmacopoeia, Telmisartan Tablets)



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-4
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-03945
Eluent : A) CH₃OH
 B) 15 mM (NH₄)₂HPO₄ in H₂O
 (pH 3.0, 10 % H₃PO₄ in H₂O)
 A/B = 70/30, v/v
Flow Rate : 1.4 mL/min
Col. Temp. : 40 °C
Detection : UV 295 nm (GL-7452 PDA Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Telmisartan 80 mg/L

Theoretical plates : 4,840 (\geq 3,000)
 Tailing factor : 1.04 (\leq 2.0)
 RSD of the
 peak area (%) (n=6) : 0.21 (\leq 1.0)