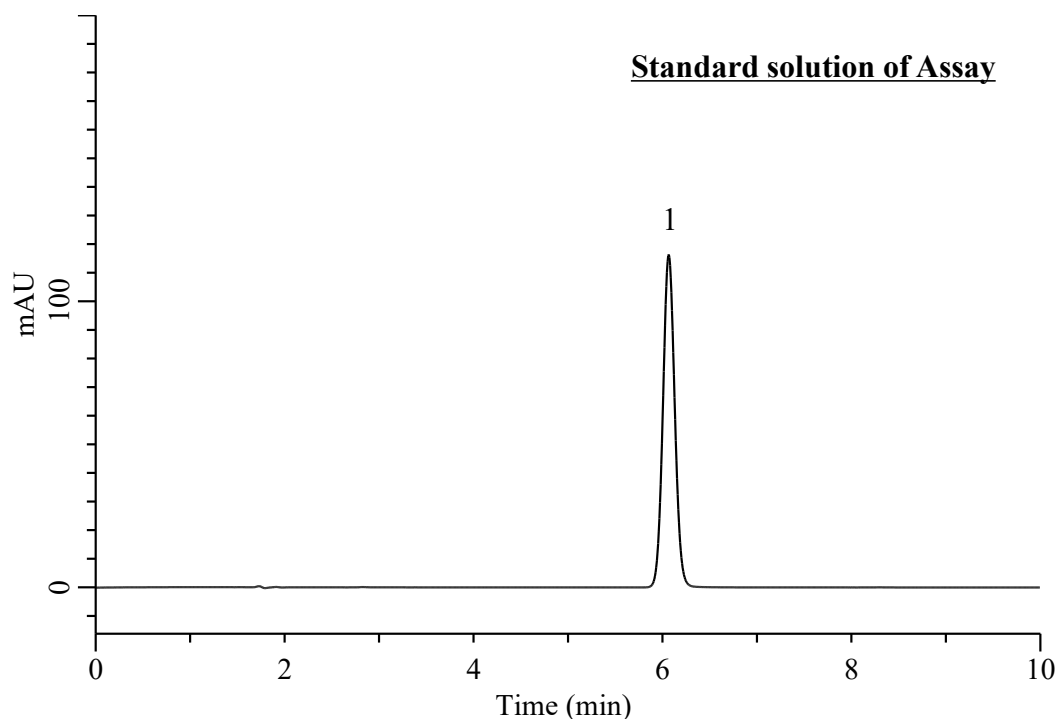


Analysis of Febuxostat

(Under the Condition of the Japanese Pharmacopoeia 18th Supplement II, Febuxostat Tablets)



Conditions

System : Chromaster HPLC system (HITACHI)
Column : Inertsil ODS-4 (GL Sciences Inc.)
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-03945
Eluent : A) 0.2% CH₃COOH in CH₃CN
 B) 0.2% CH₃COOH in H₂O
 A/B = 60/40, v/v
Flow Rate : 1.06 mL/min
Col. Temp. : 40 °C
Detection : UV 317 nm
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. Febuxostat 10 μ g/mL

Theoretical plates : 11364 (\geq 1500)
 Symmetry factor : (0.9 \leq) 1.05 (\leq 1.4)
 RSD of the peak area (%) (n=6) : 0.30 (\leq 1.0)