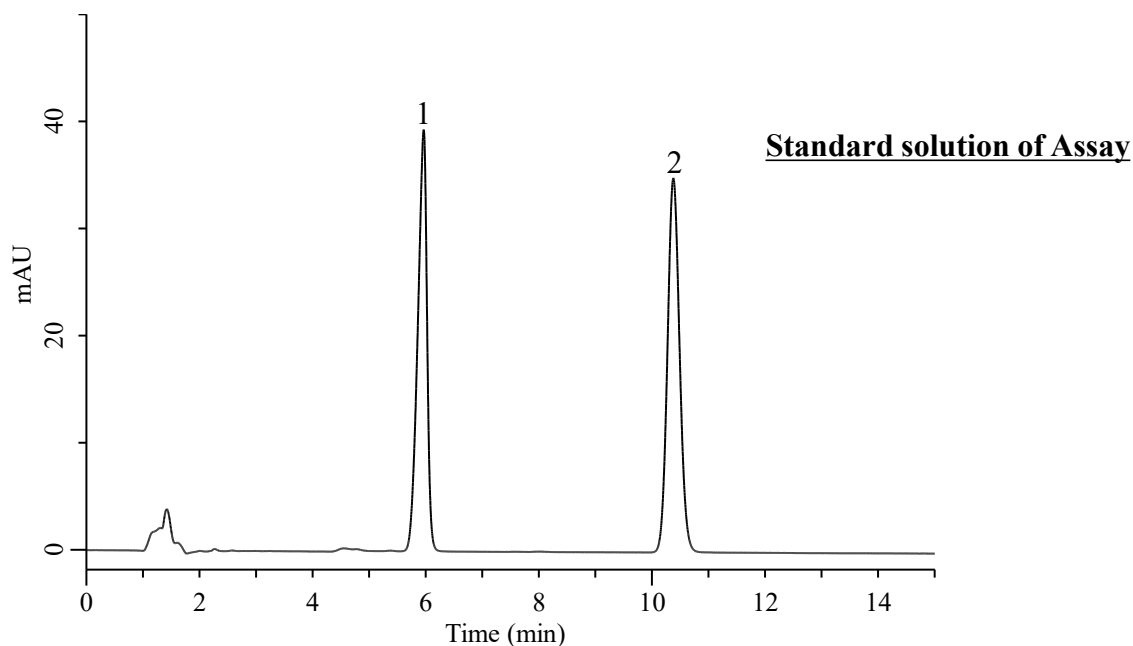


Analysis of Ursodeoxycholic acid

(Under the Condition of the Japanese Pharmacopoeia 18th, Ursodeoxycholic acid Tablets, Ursodeoxycholic acid Granules)



Conditions

System : Chromaster PLUS (HITACHI)
Column : InertSustain C18 (GL Sciences Inc.)
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-07345
Eluent : A) CH₃CN
 B) 0.2% H₃PO₄ in H₂O
 A/B = 9/11, v/v
Flow Rate : 1.1 mL/min
Col. Temp. : 40 °C
Detection : UV 210 nm
Injection Vol. : 10 μ L
Sample : Standard in 80% CH₃OH

Analyte:

1. Ursodeoxycholic acid	5 mg/mL
2. Ethyl Benzoate	35 μ L/L
Resolution (1.2)	: 12.9 ($\geq$ 8.0)
RSD of the peak area ratio of 2 to 1 (%) (n=6)	: 0.25 ($\leq$ 1.0)