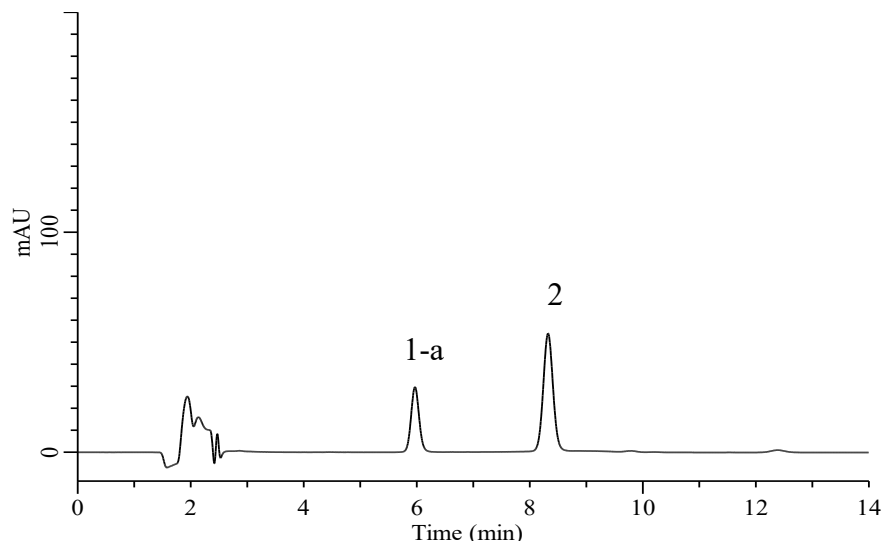


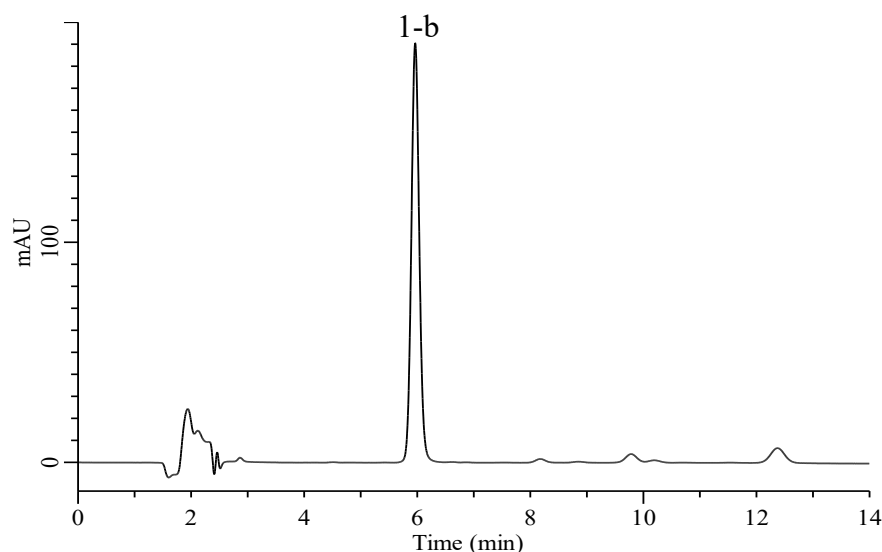
Analysis of Baicalin

(Under the Condition of the Japanese Pharmacopoeia 19th, Scutellaria Root, ASSAY)

(Under the Condition of the Japanese Pharmacopoeia 19th, Powdered Scutellaria Root, ASSAY)



System suitability solution



Standard solution

Conditions

System : Chromaster PLUS (HITACHI)
Column : Inertsil ODS-HL (GL Sciences Inc.)
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-87131
Eluent : CH₃CN /Solution* = 7/18, v/v
Flow Rate : 0.8 mL/min
Col. Temp. : 50 °C
Detection : UV 277 nm (Chromaster 5430 DAD)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1-a. Baicalin	10 μ g/mL
1-b. Baicalin	50 μ g/mL
2. Methyl Parahydroxybenzoate	20 μ g/mL

Resolution (1-a, 2) : 8.2 ($\geq$ 3)

RSD of
the peak area of 1-b (%) (n=6) : 0.43 ($\leq$ 1.5)

* : Dilute 1 mL of phosphoric acid with water to 146 mL.