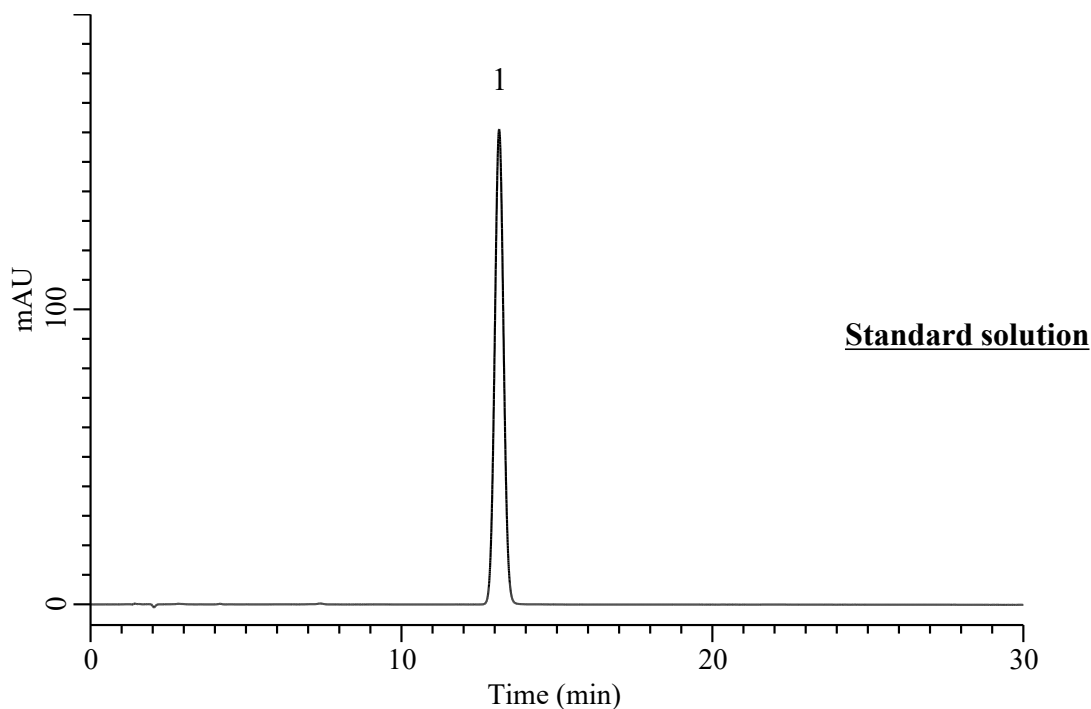


Analysis of Mesalazine

(Under the Condition of USP-NF, Mesalamine Delayed-Release Tablets, Assay)



Conditions

System : Primaide HPLC system (HITACHI)
Column : InertSustain C8 (GL Sciences Inc.)
 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-16028
Eluent : A) CH₃OH
 B) Buffer*
 A/B = 25/75, v/v
Flow Rate : 1.5 mL/min
Col. Temp. : 30 °C
Detection : UV 220 nm
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Mesalazine 0.2 mg/mL

 Tailing factor : 1.03 ($\leq$ 2.0)
 RSD of the peak area (%) (n=6) : 0.11 ($\leq$ 1.0)

*: Dissolve 1.8 g of monobasic potassium phosphate and 4.7 g of sodium 1-octanesulfonate in 1 L of water. Adjust with phosphoric acid to a pH of 2.1.