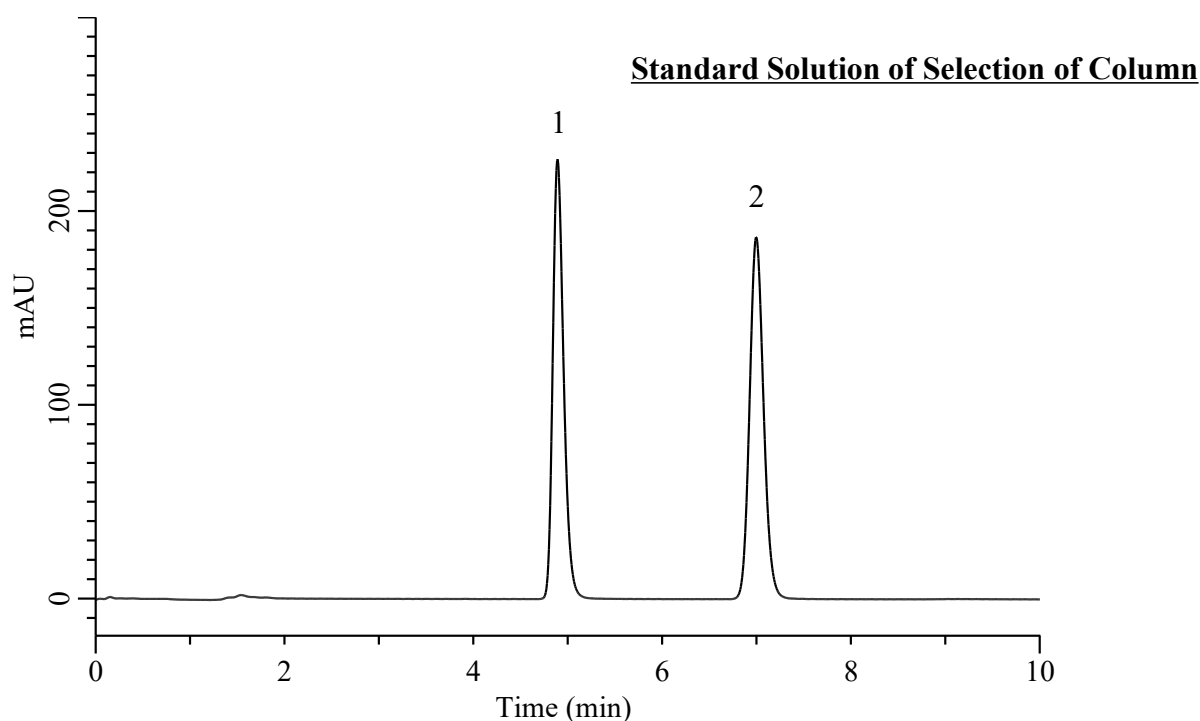


Analysis of Fumaric acid

(Under the Condition of the JPE (Japanese Pharmaceutical Excipients),
Fumaric acid (5) Maleic acid)



Conditions

System : Chromaster HPLC system (HITACHI)
Column : Inertsil ODS-4 (GL Sciences Inc.)
 (5 μ m, 150 x 4.0 mm I.D.)
Column Cat. No. : 5020-03935
Eluent : Solution*
Flow Rate : 0.96 mL/min
Col. Temp. : 25 °C
Detection : UV 210 nm
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. Maleic acid 10 mg/L
 2. Fumaric acid 10 mg/L

Resolution (1,2) : 8.92 (≥ 3)

*Adjust the pH of diluted 0.05 mol/L potassium dihydrogen phosphate (TS)(1 in 5) to 2.5 with phosphoric acid.