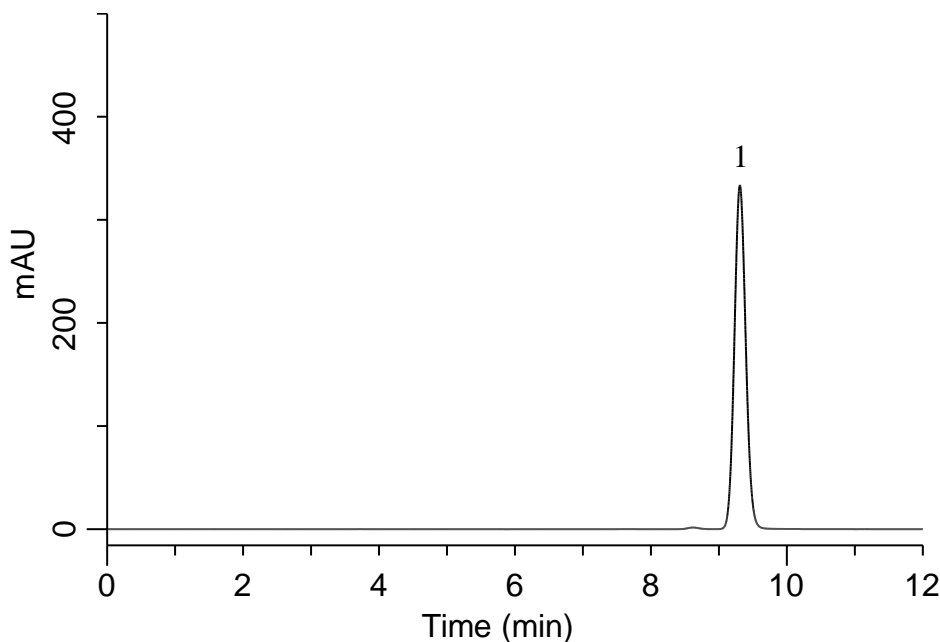


Analysis of L-Ascorbic acid 2-glucoside



Conditions

System : GL7700 HPLC system
Column : Inertsil ODS-HL
 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-87132
Eluent : A) CH₃CN
 B) Solution*
 A/B = 10/90, v/v
Flow Rate : 0.8 mL/min
Col. Temp. : 40 °C
Detection : UV 279 nm (PD7752 PDA Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. L-Ascorbic acid 2-glucoside 100 mg/L

*Dissolve 1.4 g of potassium dihydrogen phosphate and 26 mL of 10% tetrabutylammonium hydroxide solution in 800 mL of water.

Adjust pH 5.2 by 20% phosphoric acid solution.

Add water to make 1000 mL.