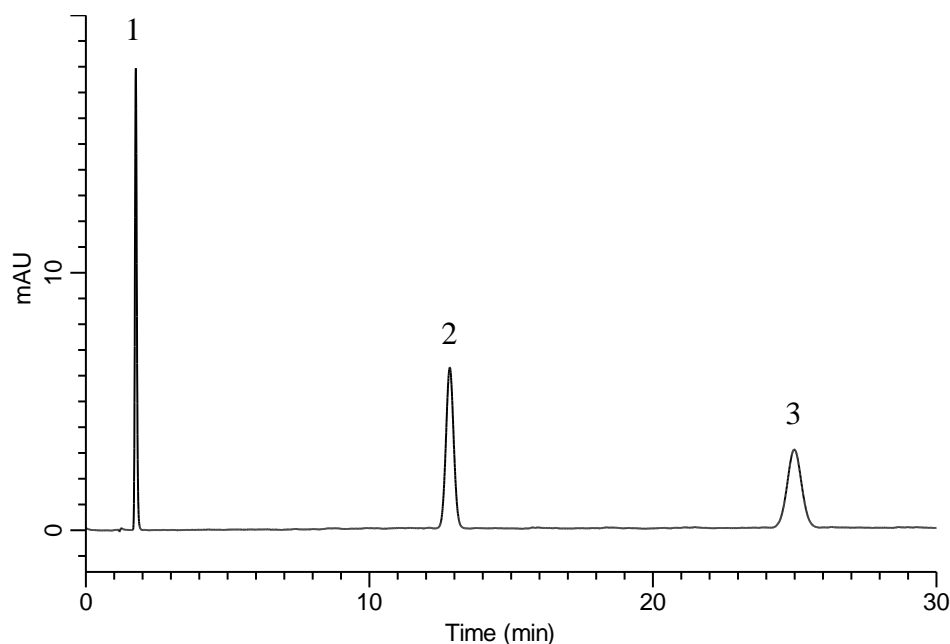


Analysis of *p*-Hydroxybenzoic acid *n*-butyl ester (Under the Condition of the Japanese Pharmacopoeia)



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-4
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-03945
Eluent : A) CH₃OH
 B) 50 mM KH₂PO₄
 A/B = 1/1, v/v
Flow Rate : 1.3 mL/min
Col. Temp. : 35 °C
Detection : UV 272 nm (GL-7452 PDA Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. *p*-Hydroxybenzoic acid 5 mg/L
 2. *p*-Hydroxybenzoic acid *n*-propyl ester 5 mg/L
 3. *p*-Hydroxybenzoic acid *n*-butyl ester 5 mg/L

Relative retention time (1 to 3) : 0.07 (about 0.1)
 Relative retention time (2 to 3) : 0.51 (about 0.5)
 Resolution (2, 3) : 16.84 (\geq 5.0)