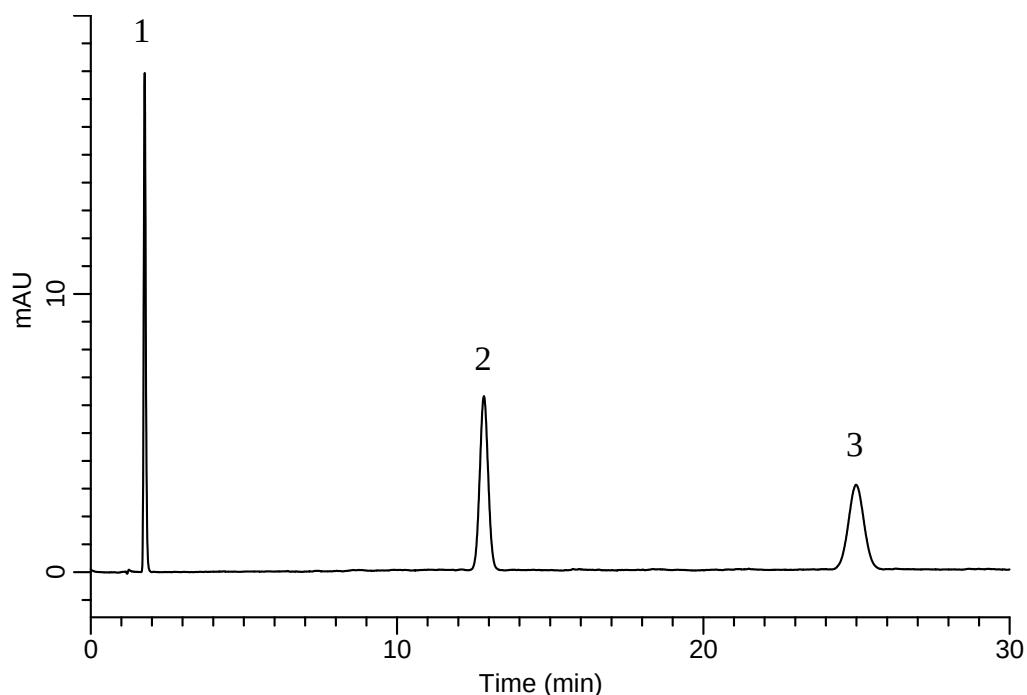


Analysis of *p*-Hydroxybenzoic acid *n*-butyl ester

(Under the Condition of Japanese Pharmacopoeia)

Data No. LB099-0894



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. <i>p</i> -Hydroxybenzoic acid	5 mg/L
2. <i>p</i> -Hydroxybenzoic acid <i>n</i> -propyl ester	5 mg/L
3. <i>p</i> -Hydroxybenzoic acid <i>n</i> -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)