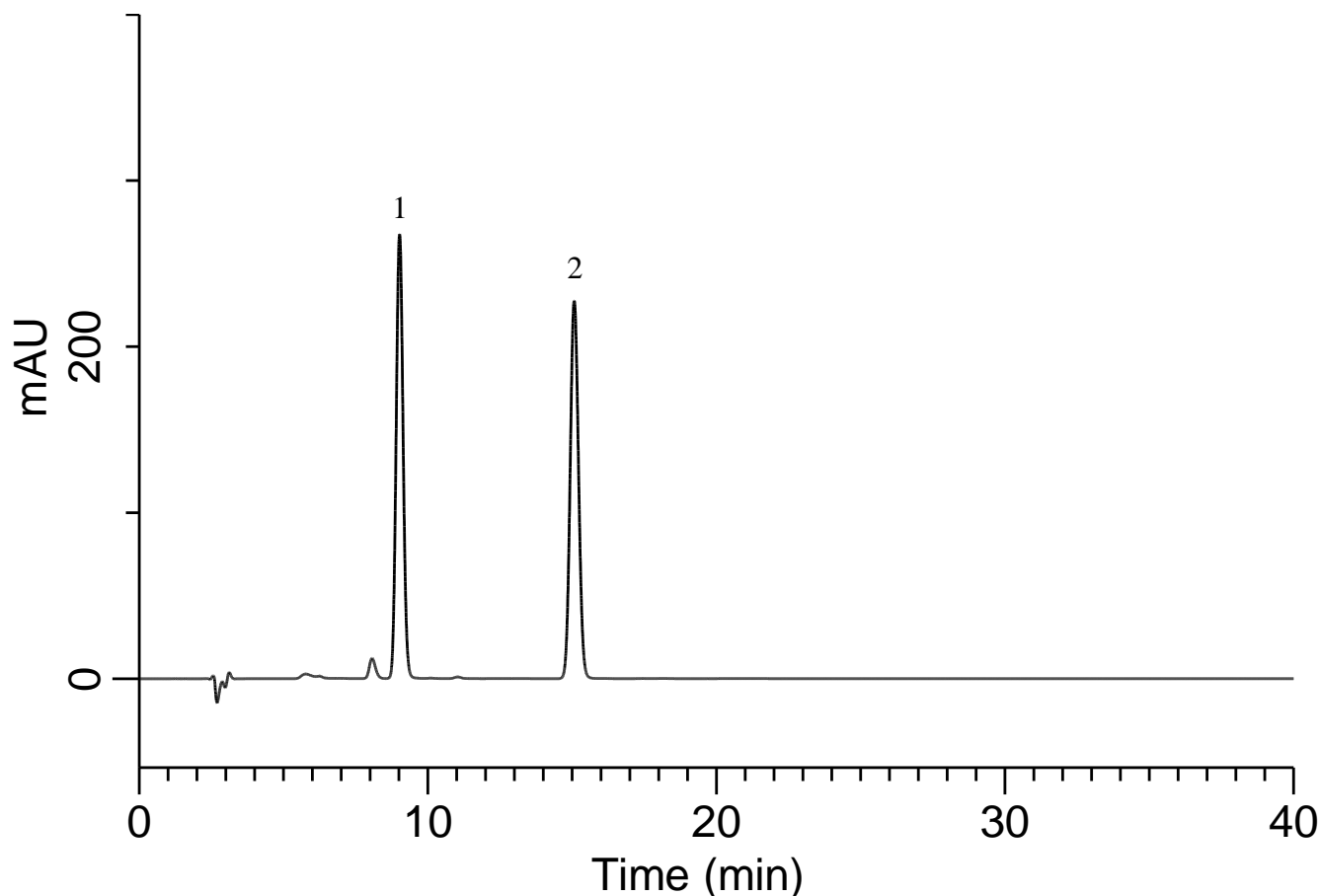


Analysis of Haloperidol

(Under the Condition of the Japanese Pharmacopoeia 17th edition, Haloperidol Tablets)



Conditions

System : GL7700 HPLC system
Column : Inertsil ODS-4
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-03945
Eluent : Buffer*
Flow Rate : 0.56 mL/min
Col. Temp. : 40 °C
Detection : UV 220 nm (UV7750 UV Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte

1. Haloperidol	100 mg/L
2. Diphenyl	100 mg/L
Resolution (1, 2)	: 12.7 (≥ 5)
RSD of the peak area ratio of 1 to 2 (%) (n=6)	: 0.41 (≤ 1.0)

*Dissolve 2.95 g of trisodium citrate dihydrate in 900 mL of water.
 Adjust to pH 3.5 with diluted hydrochloric acid.
 Add water to make 1,000 mL.(Solution A)
 Add 750 mL of CH₃OH to 250 mL of Solution A.(Solution B)
 Add 1.0 g of sodium dodecyl sulfate to Solution B.