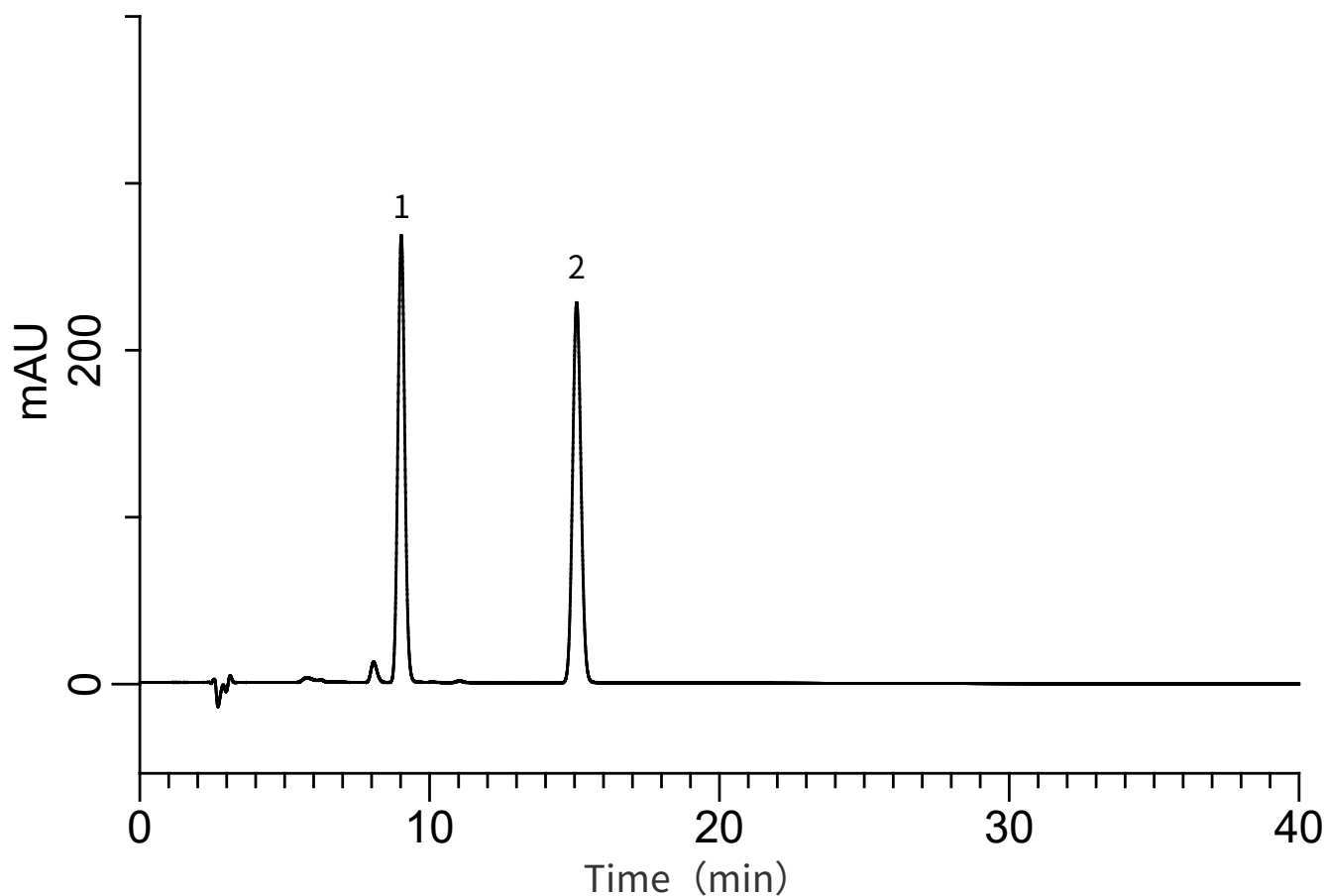


Analysis of Haloperidol

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

Data No. LB432-0894



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.