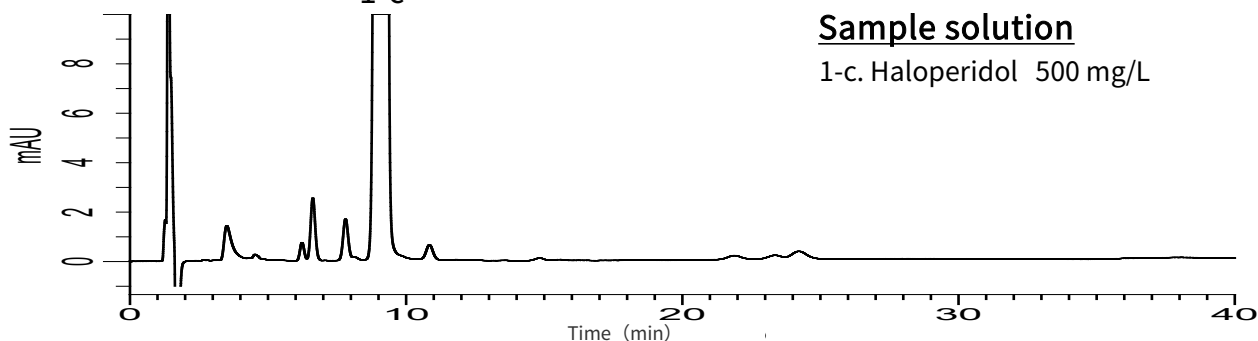
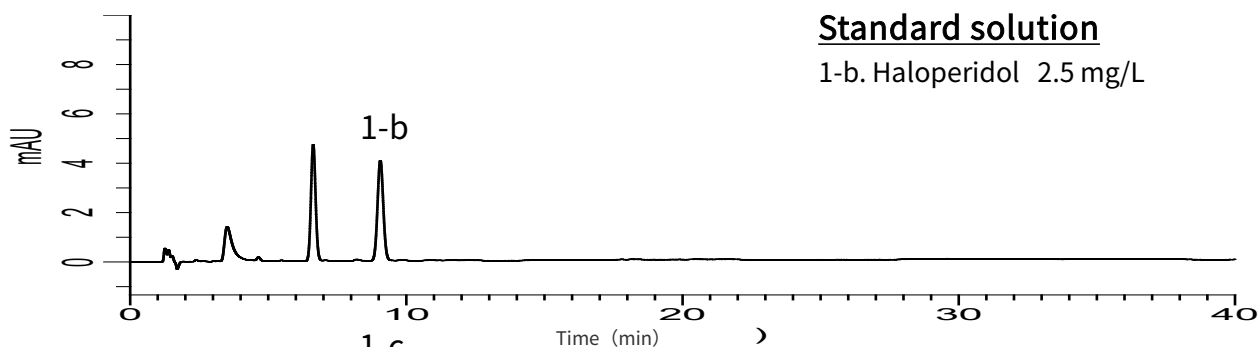
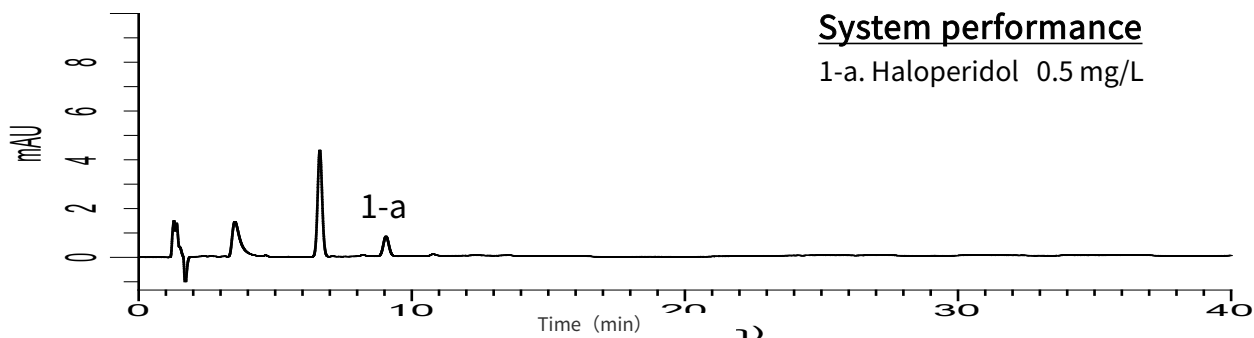


Analysis of Haloperidol

(Under the Condition of the Japanese Pharmacopoeia 17th edition)

Data No. LB431-0894



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 : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 220 nm (UV7750 UV Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte

1. Haloperidol
 The peak area ratio of 1-a to 1-b : (15 $\leq$) 20.0 ($\leq$ 25)
 Theoretical plates of 1-b : 9,176 ($\geq$ 4,000)
 Tailing factor of 1-b : 1.06 ($\leq$ 2.0)
 RSD of the
 1-b area (%) (n=6) : 0.55 ($\leq$ 2.0)

*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 700 mL of CH₃OH to 300 mL of solution A. (Solution B)
 Add 1.0 g of sodium dodecyl sulfate to Solution B.