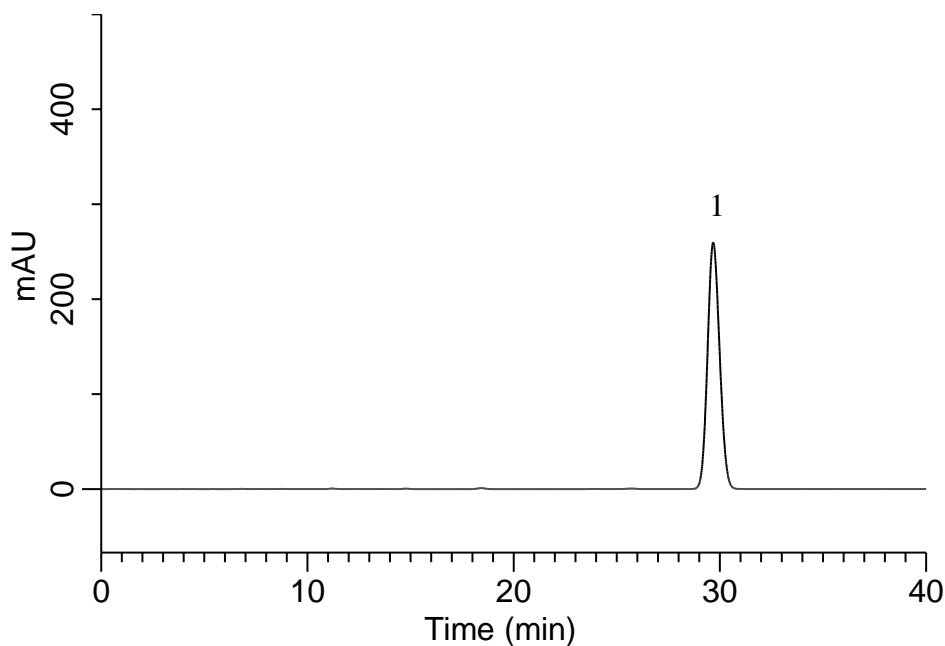


Analysis of Medroxyprogesterone acetate

(Under the Condition of the draft for the Japanese Pharmacopoeia)



Conditions

System : GL7700 HPLC system
Column : Inertsil WP300 C18
 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-05846
Eluent : A) CH₃CN
 B) H₂O
 A/B = 40/60, v/v/
Flow Rate : 1.7 mL/min
Col. Temp. : 25 °C
Detection : UV 254 nm (PD7752 PDA Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Medroxyprogesterone acetate 1000 mg/L

Theoretical plates : 11,977 (\geq 5,000)
 Tailing factor : 1.10 (\leq 2.0)
 RSD of the
 peak area (%) (n=6) : 0.10 (\leq 1.0)