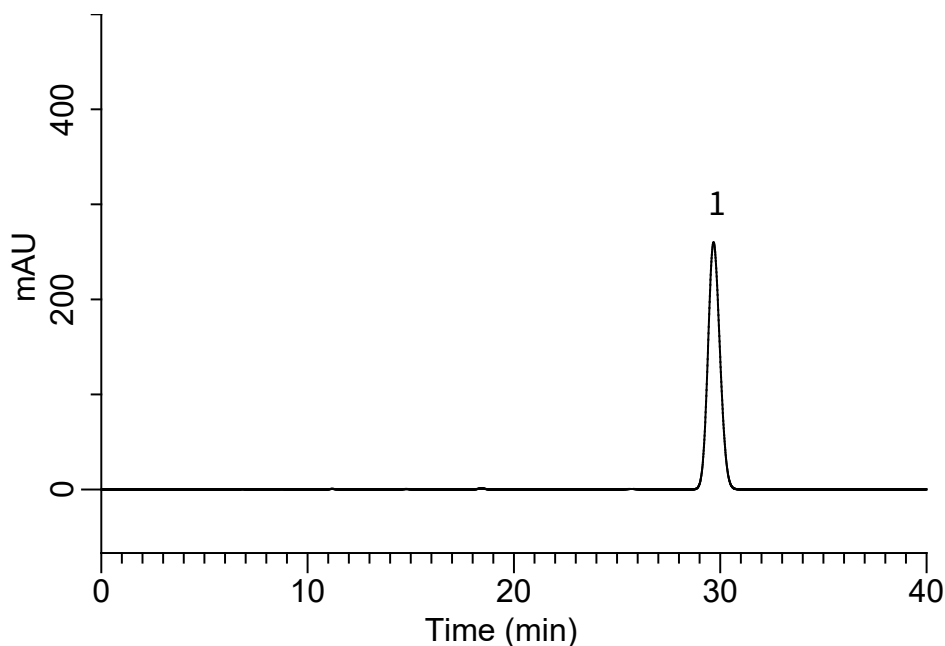


Analysis of Medroxyprogesterone acetate

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

Data No. LB411-0894



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 (≤ 2.0)
RSD of the
peak area (%) (n=6) : 0.10 (≤ 1.0)