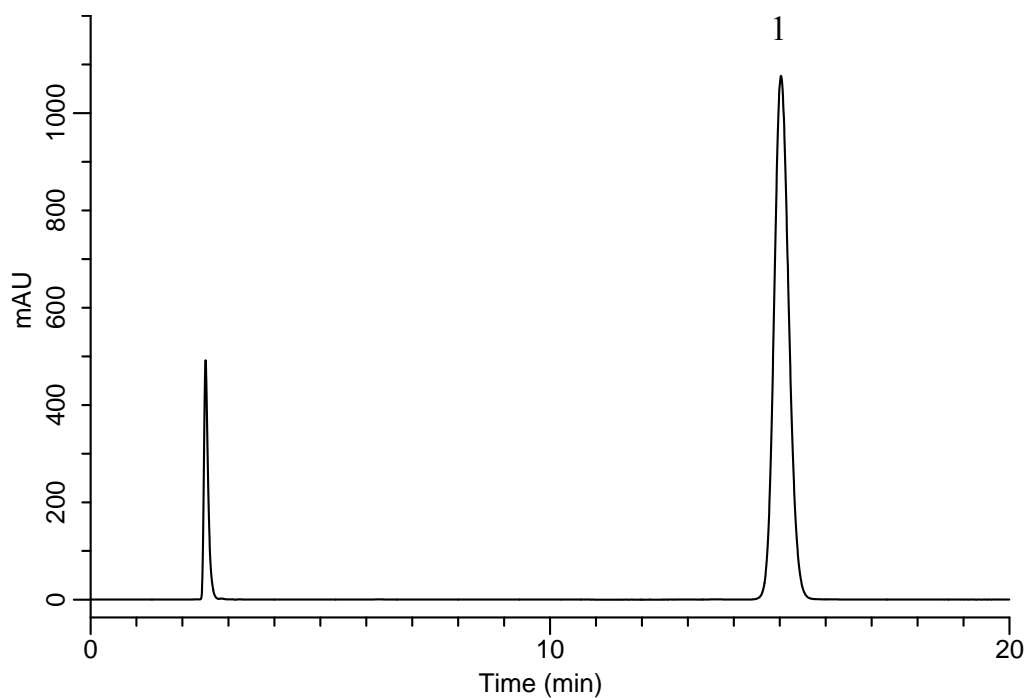


Analysis of Quetiapine Fumarate

(Under the Condition of the Japanese Pharmacopoeia, Quetiapine Fumarate Tablets)

Data No. LB060-0894



Conditions

System : GL-7400 HPLC system
Column : Inertsil C8-4
(5 μ m, 250 \times 4.6 mm I.D.)
Column Cat. No. : 5020-04086
Eluent : A) CH₃CN
B) CH₃OH
C) 20 mM (NH₄)₂HPO₄
A/B/C = 7/54/39, v/v/v
Flow Rate : 0.95 mL/min
Col. Temp. : 25 °C
Detection : UV 230 nm (GL-7452 PDA Detector)
Injection Vol. : 50 μ L
Sample : Standard

Analyte:

1. Quetiapine fumarate 180 mg/L

Theoretical plates : 10,310 (\geq 7,000)
Tailing factor : 1.10 (\leq 1.5)
RSD of the peak area (n=6) : 0.62 (\leq 1.0)