

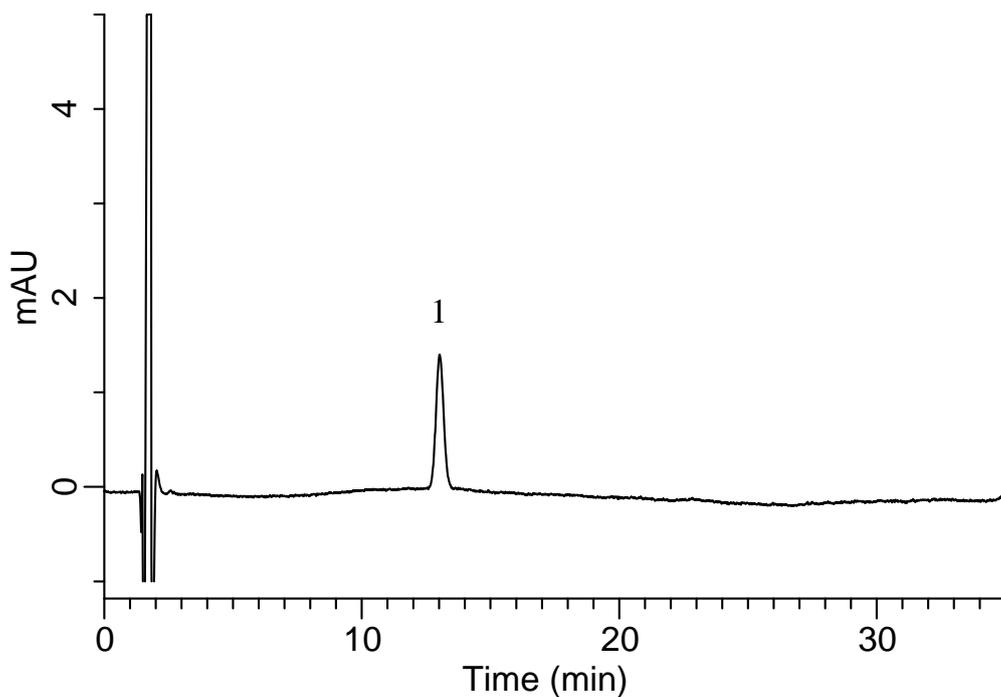
InertSearch™ for LC

Inertsil® Applications

Analysis of Risperidone

(Under the Condition of the Japanese Pharmacopoeia, Risperidone Tablets)

Data No. LB126-0894



Conditions

System : GL-7400 HPLC system
Column : Inertsil WP300 C18
(3.5 μ m, 150 x 3.0 mm I.D.)
Column Cat. No. : 5020-87034
Eluent : A) CH₃CN
B) H₂O
C) CF₃COOH
A/B = 200/800/1.5, v/v/v (pH3.0, NH₄OH)
Flow Rate : 0.55 mL/min
Col. Temp. : 25 °C
Detection : UV 275 nm (GL-7452 PDA Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Risperidone 1 mg/L

Theoretical plates : 9,179 (\geq 4,000)
Tailing factor : 1.10 (\leq 2.5)
RSD of the
peak area (%) (n=6) : 0.93 (\leq 2.5)