

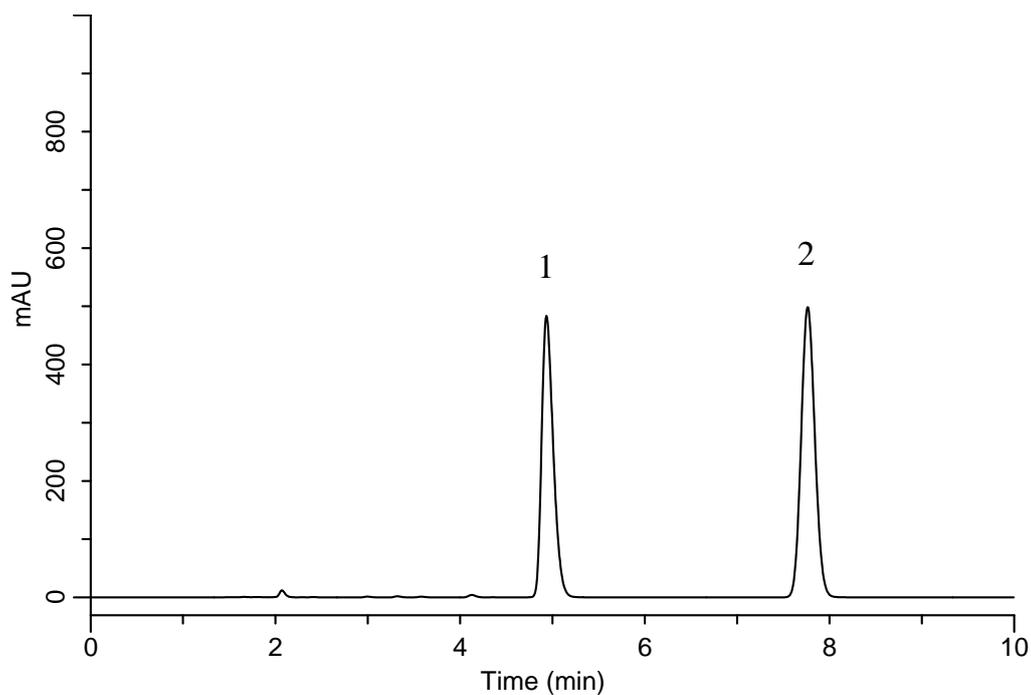
InertSearch™ for LC

Inertsil® Applications

Analysis of Cetiridine hydrochloride

(Under the Condition of Japanese Pharmacopoeia, Cetiridine hydrochloride Tablets)

Data No. LB062-0894



Conditions

System : GL-7400 HPLC system

Column : Inertsil C8-3
(5 μ m, 250 \times 4.0 mm I.D.)

Column Cat. No. : 5020-01903

Eluent : CH₃CN / 0.34 g/L IPCC-07 in H₂O = 42/58, v/v (pH 3.0, 0.5 M H₂SO₄)
(IPCC-07 : Sodium 1-Heptane sulfonate)

Flow Rate : 0.95 mL/min

Col. Temp. : 25 °C

Detection : UV 230 nm (GL-7452 PDA Detector)

Injection Vol. : 20 μ L

Sample : Standard

Analyte:

1. Cetirizine hydrochloride 100 mg/L
2. Propyl *p*-hydroxybenzoate 200 mg/L

Resolution (1, 2) : 11.3 \geq 7

RSD of the

peak area ratio of

1 to 2 (%) (n=6) : 0.11 \leq 1.0