

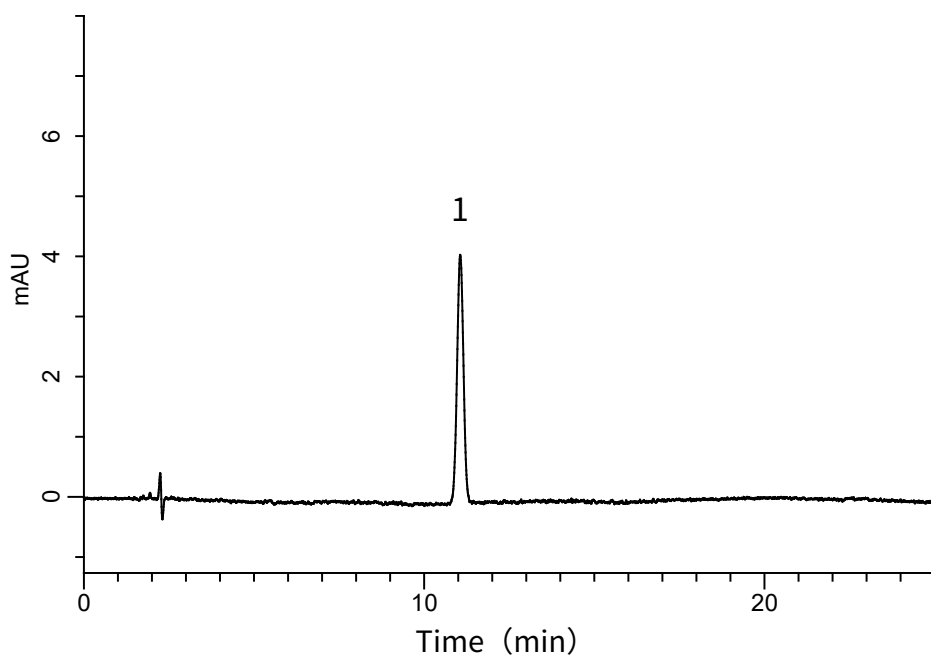
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Inertsil® Applications

Analysis of Olopatadine hydrochloride

(Under the Condition of Japanese Pharmacopoeia)

Data No. LB054-0894



Conditions

System : GL-7400 HPLC system

Column : InertSustain C8
5 μ m, 250 $\times$ 4.6 mm I.D.)

Column Cat. No. : 5020-16028

Eluent : CH₃CN/50 mM KH₂PO₄ (pH 3.5, H₃PO₄) = 9/11, v/v
+ 2.3 g/L IPCC-12A
(IPCC-12A : Sodium 1-Dodecylsulfate)

Flow Rate : 1.1 mL/min

Col. Temp. : 40 °C

Detection : UV 299 nm (GL-7452 PDA Detector)

Injection Vol. : 20 μ L

Analyte:

1. Olopatadine hydrochloride

5 mg/L

Theoretical plates : 16272 $\geq$ 8000

Tailing factor : 1.02 $\leq$ 2.0

RSD of the
peak area (%) : 1.19 $\leq$ 2.0 (n=6)