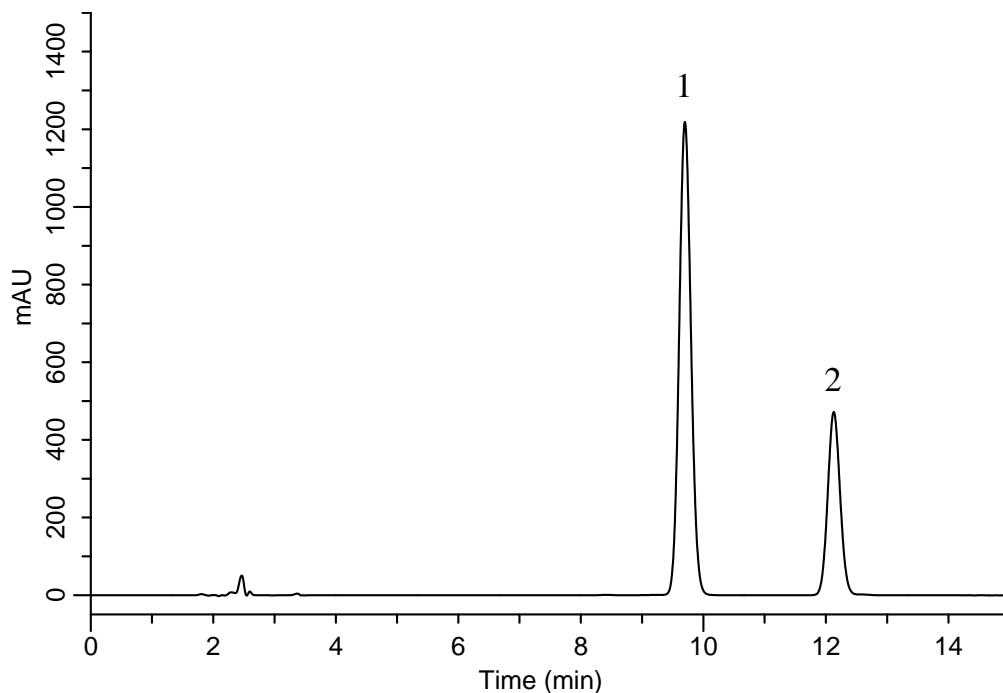


InertSearch™ for LC

Inertsil® Applications

Analysis of Pitavastatin Calcium

Data No. LB028-0894



Conditions

System : GL-7400 HPLC system
Column : InertSustain C18 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-07346
Eluent : A) THF
B) CH₃CN
C) Citric acid buffer*
A/B/C = 20/27/53, v/v/v (Premix)
Flow rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 254 nm (GL-7452A PDA Detector)
Injection Vol. : 10 μ L

Analyte:

1. Pitavastatin calcium	0.4 mg/mL
2. <i>p</i> -Hydroxy benzoic acid butyl	0.13 mg/mL

* Dissolve 10.5 g of citric acid monohydrate in 900 mL of water.
Adjust pH 4.0 by 28 % ammonia solution.
Add water to make 1000 mL.