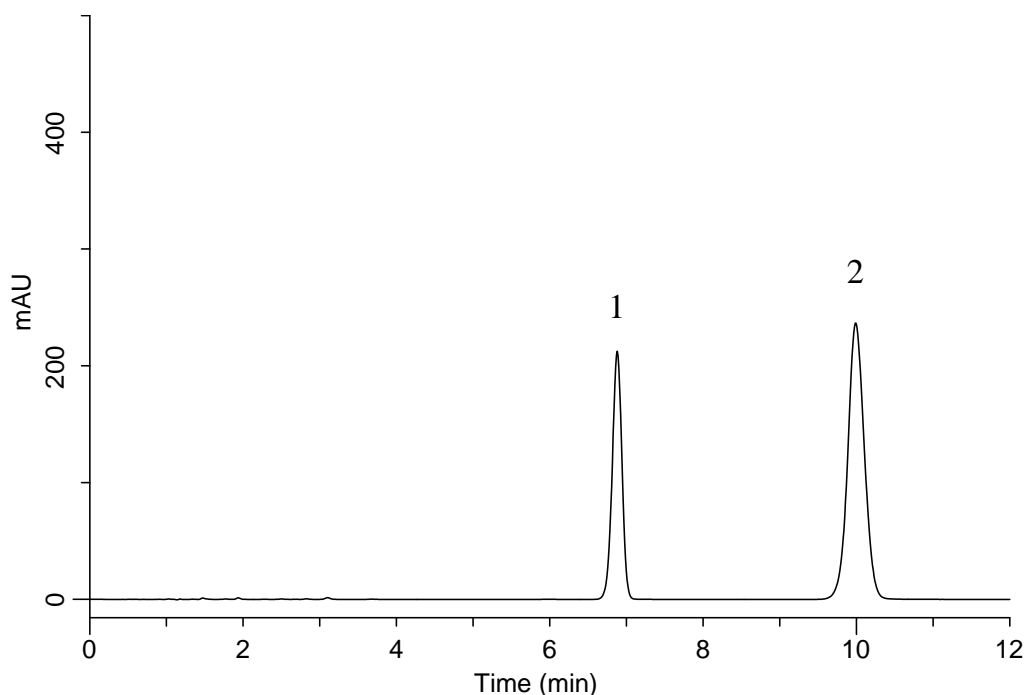


InertSearch™ for LC

Inertsil® Applications

Analysis of Chlorhexidine gluconate solution

Data No. LB338-0894



Conditions

System : GL7700 HPLC system
Column : Inertsil ODS-4
(5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-03945
Eluent : A) CH₃CN
B) Buffer*
A/B = 2/3, v/v
Flow Rate : 1.31 mL/min
Col. Temp. : 40 °C
Detection : UV 254 nm (PD7752 PDA Detector)
Injection Vol. : 5 μ L
Sample : Standard

Analyte:

1. *p*-Hydroxybenzoic acid propyl ester 100 mg/L
2. Chlorhexidine gluconate 2 mL/L

*Dissolve 0.78 g of sodium dihydrogenphosphate dihydrate and 12.244 g of sodium perchlorate in 900 mL of water.
Adjust pH 2.6 by phosphoric acid.
Add water to make 1,000 mL.