

CoreFocus
Report
No.70

LC

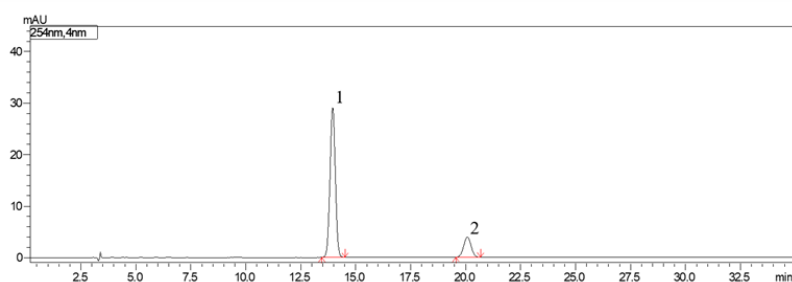
Reversed-phase

Shim-pack Series

Shim-pack™ VP-ODS
Analysis of Cefradine

Keywords: cephadrine, cefalexin, Antibiotic, Cephalosporin antibiotic

Chromatogram of Standard Mix



1. Cephalexin
2. Cefradine

Standard Mix

A) Cefradine (10 µg/mL in H₂O)

B) Cephalexin (0.4 mg/mL)

1 mL A + 100 µL B

Column	: Shim-pack VP-ODS (250 mm x 4.6 mm I.D., 5 µm), P/N : 228-34937-92
Mobile phase	: Water : Methanol : 3.86% Sodium acetate : 4% acetic acid = 1564 : 400 : 30 : 6
Flow rate	: 0.9 mL/min
Column temp.	: 40°C
Injection vol.	: 10 µL
Vial	: LabTotal™ Vial for LC/LCMS, P/N : 227-34001-01
Detection	: UV at 254 nm

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