

CoreFocus
Report
No.69

LC

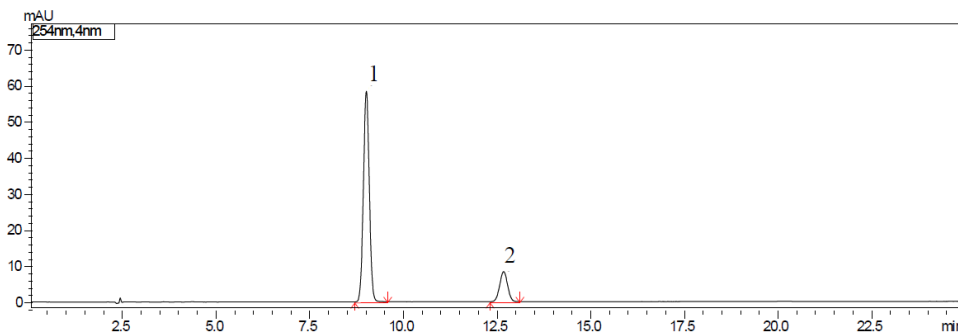
Reversed-phase

Shim-pack Series

Shim-pack™ GIST C18
Analysis of Cefradine

Keywords: cefradine, cefalexin, Antibiotic, Cephalosporin antibiotic

Chromatogram of Standard Mix



1. Cephalexin
2. Cefradine

A) Cefradine (10 µg/mL in H₂O)
B) Cephalexin (0.4 mg/mL)
1 mL A + 100 µL B

Column	: Shim-pack GIST C18 (150 mm x 4.6 mm I.D., 3 µm), P/N : 227-30011-07
Mobile phase	: A)Water, B)Methanol, C)3.86% Sodium acetate, D)4% acetic acid A: B: C: D= 1564: 400: 3: 6
Flow rate	: 0.7 mL/min
Column temp.	: 40°C
Injection vol.	: 10 µL
Vial	: SHIMADZU LabTotal™ Vial for LC/LCMS, P/N : 227-34001-01
Detection	: UV at 254 nm

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