

CoreFocus
Report
No.25

LC

Reversed-phase

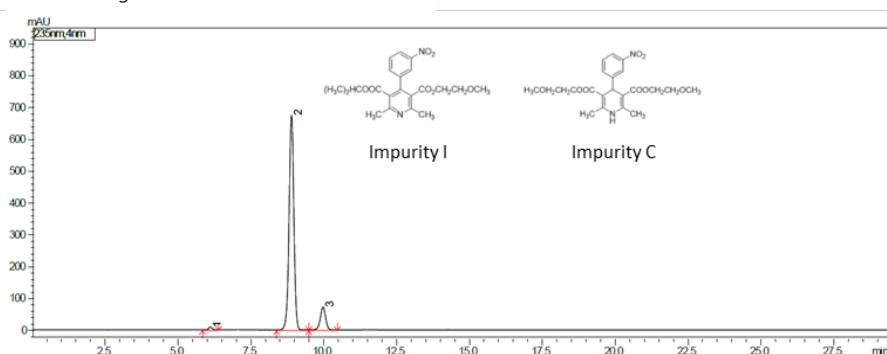
Shim-pack Series

Shim-pack™ GIST C18-AQ

Analysis of Nimodipine API

Keywords: Calcium channel blocker

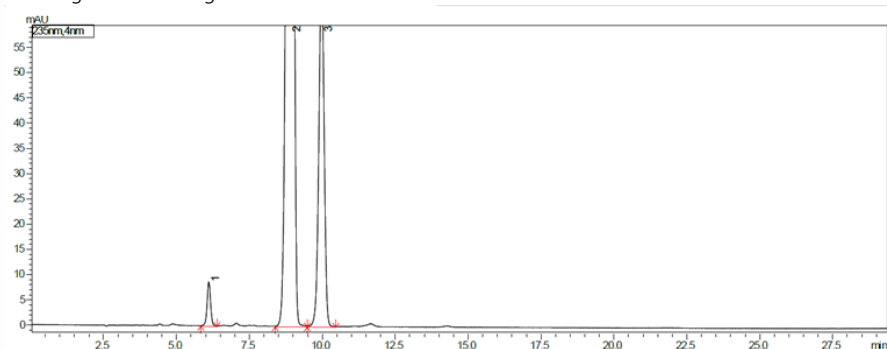
Chromatogram of Standard Mix



1. Impurity I
2. Nimodipine
3. Impurity C

1,2: 0.2 mg/mL in Mobile phase
3: 1.0 µg/mL in Mobile phase

Enlarged Chromatogram of Standard Mix



Column	: Shim-pack GIST C18-AQ (250 mm x 4.6 mm I.D., 5 µm), P/N : 227-30742-08
Mobile phase	: Methanol: Acetonitrile: Water = 35 : 38: 27 (Isocratic elution)
Flow rate	: 1.0 mL/min
Column temp.	: 40°C
Injection vol.	: 20 µL
Vial	: LabTotal™ Vial for LC/LCMS, P/N : 227-34001-01
Detection	: UV at 235 nm

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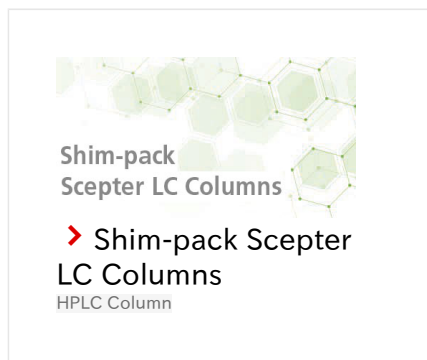
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