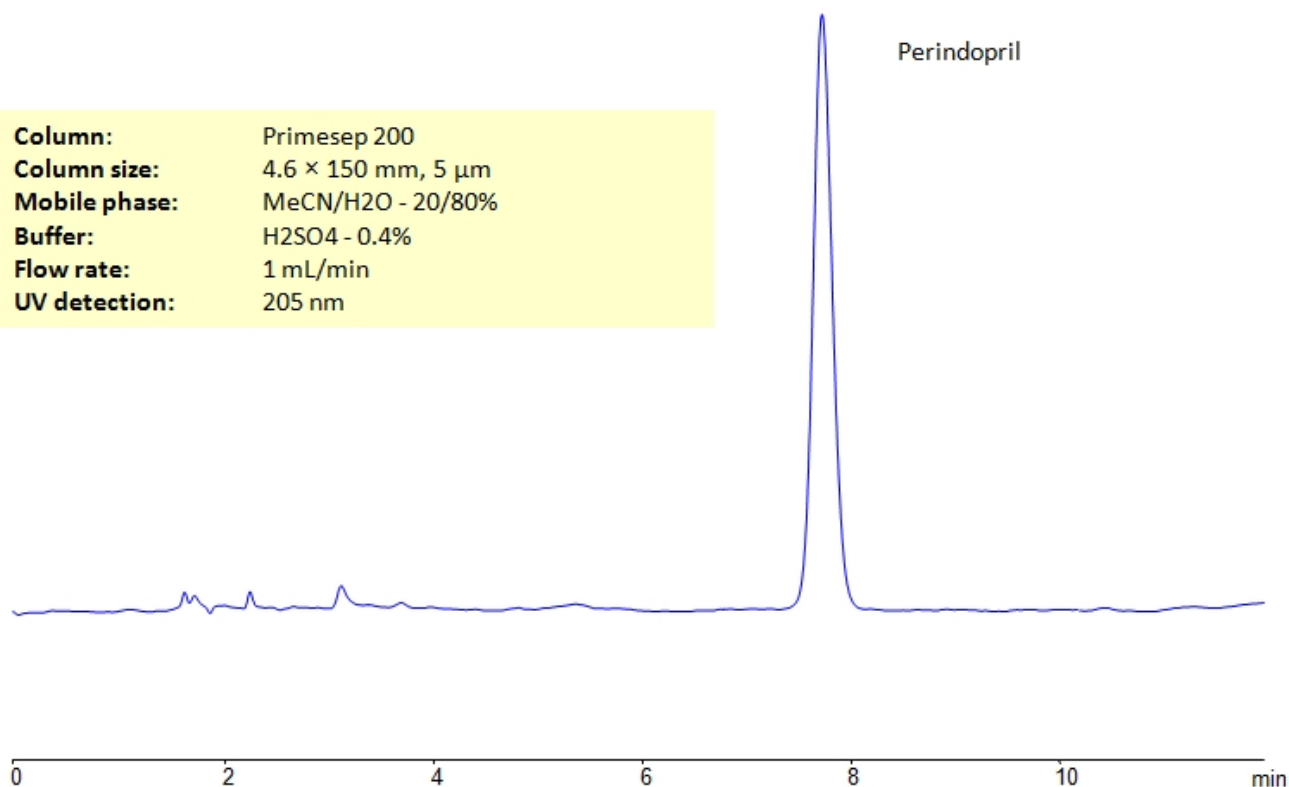


HPLC Determination of Perindopril on Primesep 200 column

<https://sielc.com/hplc-determination-of-perindopril>

Chromatogram

Column: Primesep 200
Column size: 4.6 × 150 mm, 5 µm
Mobile phase: MeCN/H₂O - 20/80%
Buffer: H₂SO₄ - 0.4%
Flow rate: 1 mL/min
UV detection: 205 nm



HPLC Determination of Perindopril

Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Perindopril .

Perindopril is an ACE inhibitor used in treating hypertension (high blood pressure). It comes in tablet form. Perindopril can be retained on a Primesep 200 column in under 8 minutes with a simple isocratic mobile phase and sulphuric acid buffer. Primesep 200 is a reverse-phase (RP) mixed-mode column with embedded weak acidic ion-pairing groups

Method Parameters

Mobile Phase	MeCN/H ₂ O – 20/80%
Buffer	H ₂ SO ₄ – 0.4 %
Flow Rate	1.0 ml/min
Detection	UV, 205 nm
Class of Compounds	Drug, Acid, Hydrophobic, Ionizable

HPLC Column Used

Primesep 200[Order this column at hplc-shop.de →](https://www.hplc-shop.de)