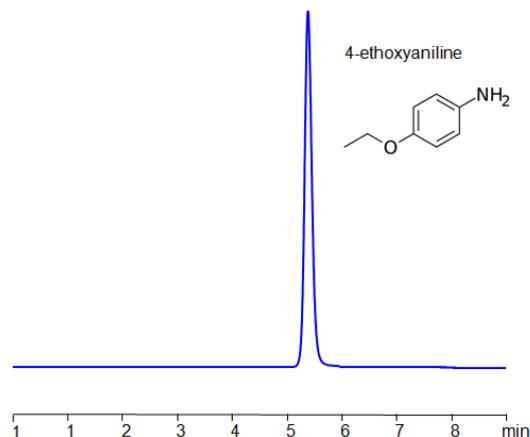


HPLC Method for Analysis of 4-ethoxyaniline on Primesep 100 Column



Column:	Primesep 100
Column size:	4.6 × 150 mm, 5 µm
Column part number:	100-46.150.0510
Mobile phase:	MeCN/H ₂ O – 40/60%
Buffer:	H ₂ SO ₄ – 0.2%
Flow rate:	1.0 mL/min
Detection:	UV 200 nm

Separation type: Liquid Chromatography Mixed-mode

High Performance Liquid Chromatography (HPLC) Method for Analysis of 4-ethoxyaniline

4-Ethoxyaniline, also known as p-Phenetidine, is one of three Phenetidine isomers, and is commonly used as an intermediate product in drug and dye synthesis. 4-Ethoxyaniline can be retained and analyzed on a mixed-mode Primesep 100 column with a mobile phase consisting of water, Acetonitrile (MeCN), and Sulfuric acid (H₂SO₄). This analytical method can be UV detected at 200 nm with high resolution and peak symmetry.

Method Parameters

Column	Promesep 100, 4.6×150 mm, 100 Å
Mobile Phase	MeCN – 40%
Buffer	H ₂ SO ₄ – 0.2%
Flow Rate	1.0 mL/min
Detection	UV 200 nm

Quelle: <https://sielc.com/hplc-method-for-analysis-of-4-ethoxyaniline>