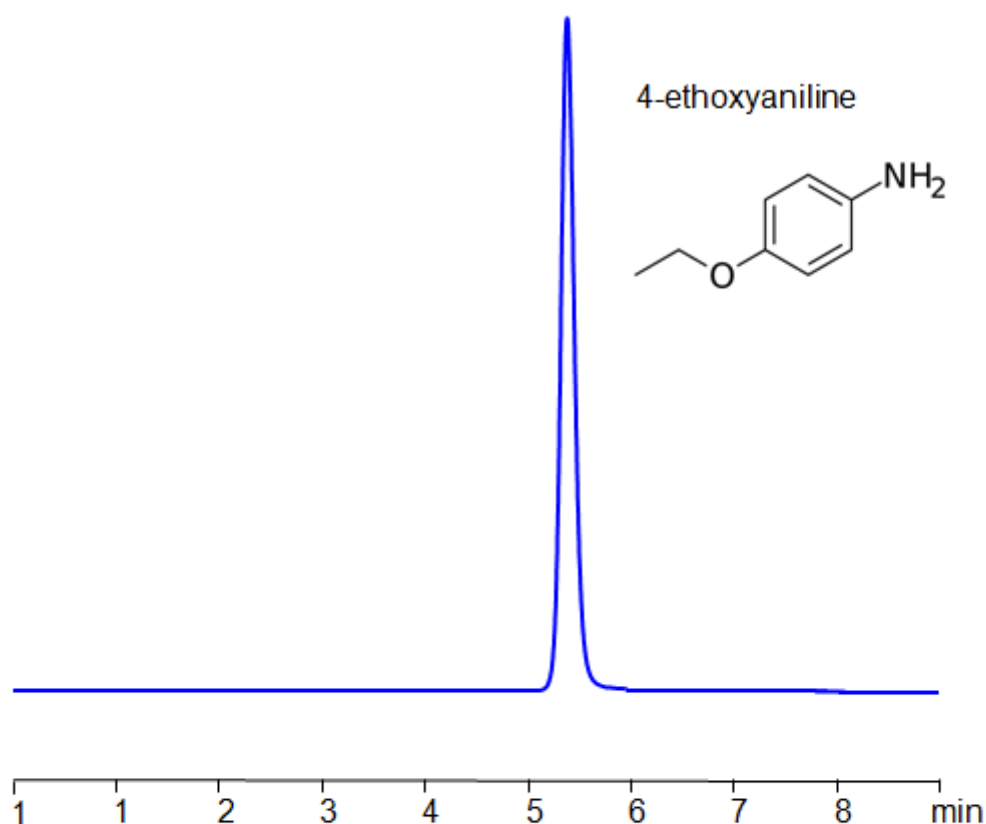


HPLC Method for Analysis of 4-ethoxyaniline on Primesep 100 Column

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

Chromatogram



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

Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of 4-Ethoxyaniline .

4-Ethoxyaniline , also known as p-Phenetidine , is one of three Phenetidine isomers, with the chemical formula C₈H₁₁NO . It is commonly used as an intermediate product in drug and dye synthesis. You can find detailed UV spectra of 4-Ethoxyaniline and information about its various lambda maxima by visiting the following link.

4-Ethoxyaniline can be retained and analyzed using the Primesep 100 stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with a Sulfuric Acid buffer. Detection is performed using UV.

Method Parameters

Mobile Phase	MeCN – 40%
Buffer	H2SO4 – 0.2%
Flow Rate	1.0 ml/min
Detection	UV 200nm
Class of Compounds	Aromatic amine
Analyzing Compounds	4-Ethoxyaniline

HPLC Column Used

Primesep 100, 4.6 x 150 mm, 5 µm, 100 A, dual ended

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