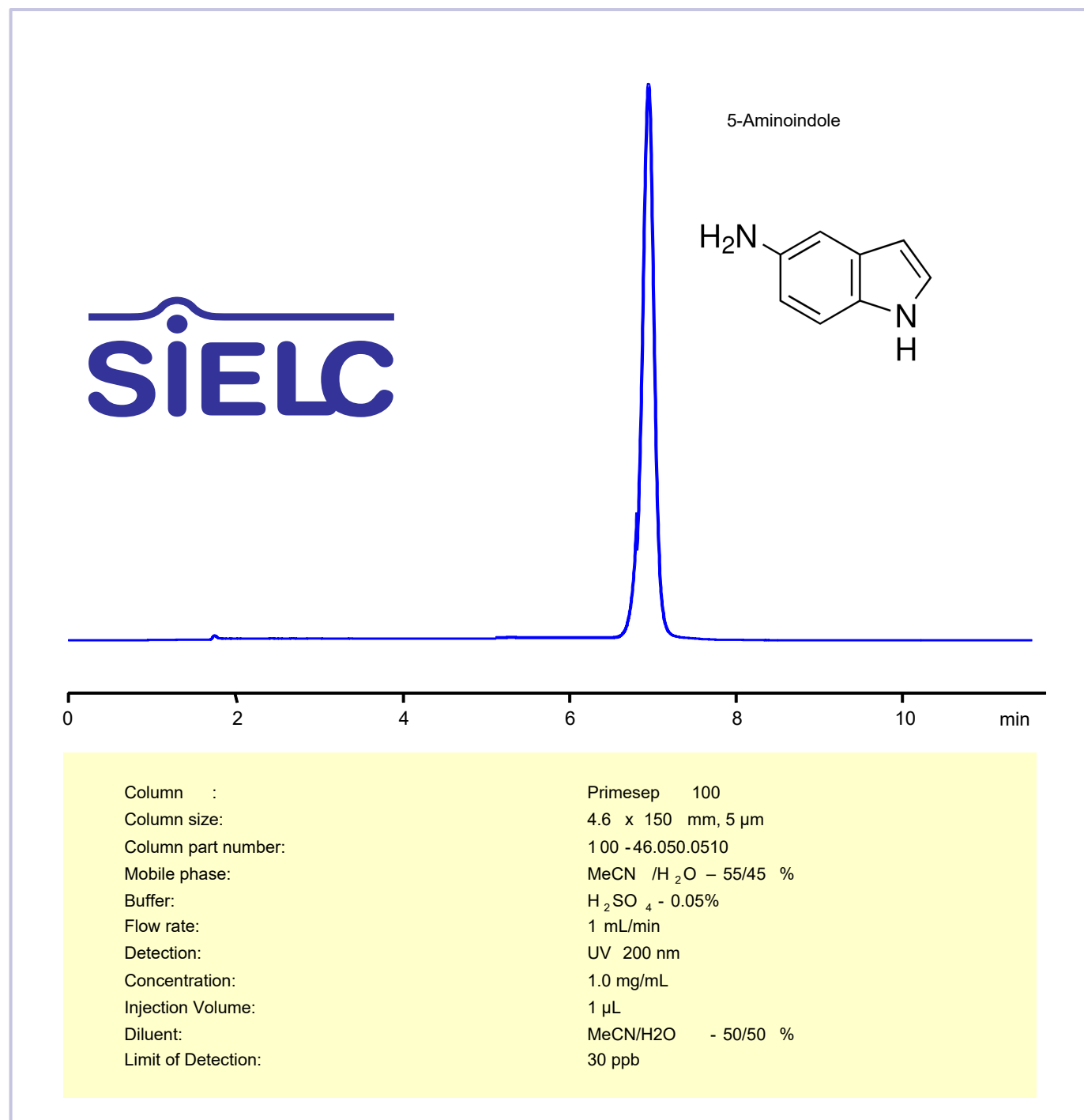


# HPLC Method for Analysis of 5-Aminoindole on Primesep 100 Column

<https://sielc.com/hplc-method-for-analysis-5-aminoindol>

## Chromatogram



## Description

· Separation type: Liquid Chromatography Mixed-mode SIELC Technologies · HPLC Method for Analysis of 5-Aminoindole on Primesep 100 Column

5-Aminoindole is an organic compound with the chemical formula C<sub>8</sub>H<sub>8</sub>N<sub>2</sub>. It is a derivative of indole and features an amino group at the 5-position.

Applications: Pharmaceuticals: It can serve as a building block in the synthesis of various pharmaceutical compounds. Research: Used in studies related to indole derivatives, which are important in medicinal chemistry. 5-Aminoindole be retained and analyzed using a Primesep 100 mixed-mode stationary phase column. The analysis employs an isocratic method with a simple mobile phase comprising water, acetonitrile (MeCN), and sulfuric acid as a buffer. This method allows for detection using UV 200 nm

#### Method Parameters

<b>Mobile Phase</b>	MeCN – 55%
<b>Buffer</b>	H2SO4 -0.05%
<b>Flow Rate</b>	1.0 ml/min
<b>Detection</b>	UV 200 nm
<b>Samples</b>	1.0 mg/ml MeCN/H2O – 50/50%
<b>Injection volume</b>	1 µl
<b>LOD*</b>	30 ppb (200 nm)
<b>Class of Compounds</b>	Pyridines
<b>Analyzing Compounds</b>	5-Aminoindole

#### HPLC Column Used

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

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