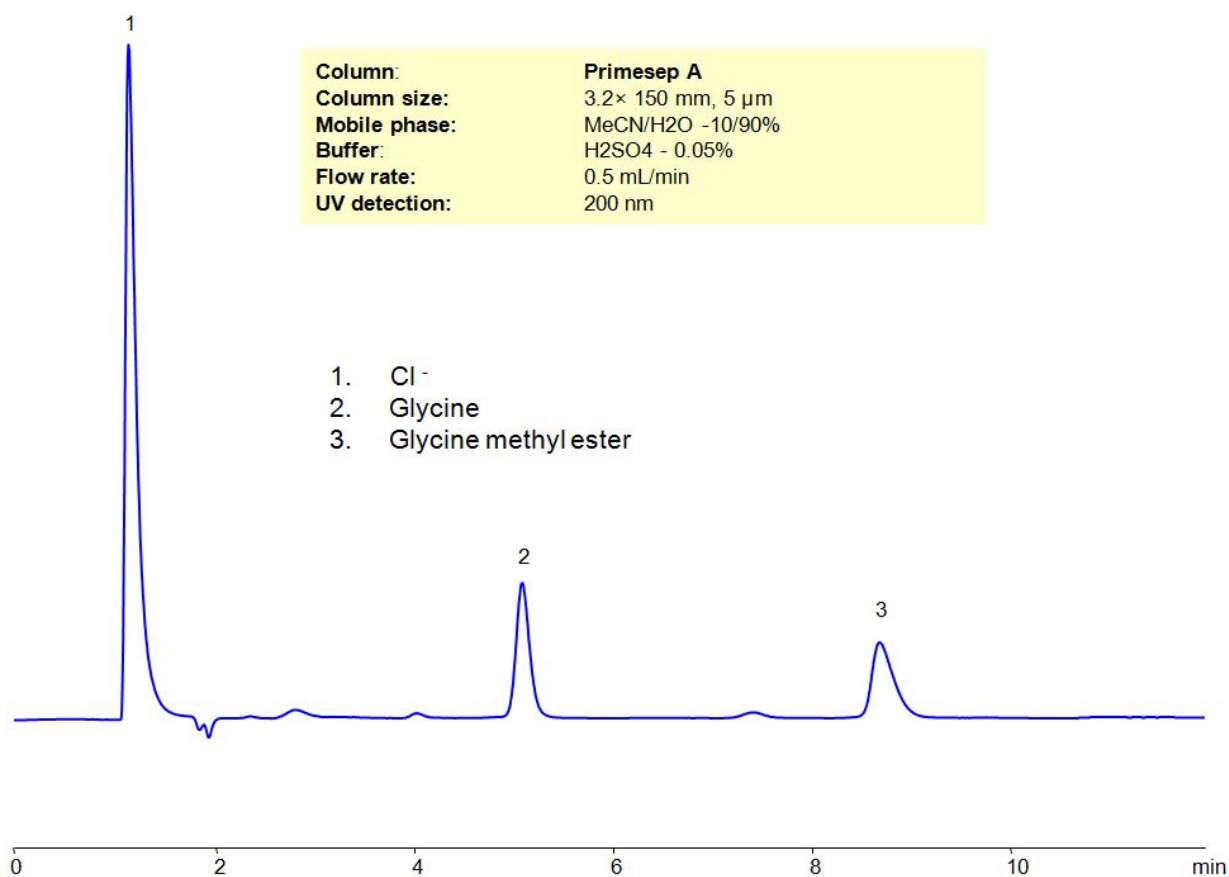


# HPLC Method for Analysis of Glycine Methyl Ester Hydrochloride

<https://sielc.com/hplc-method-for-analysis-of-glycine-methyl-ester-hydrochloride-2>

## Chromatogram



## Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Glycine methyl ester , Glycine

Glycine Methyl Ester Hydrochloride is a water soluble organic compound that is typically used in synthesis of pharmaceuticals and pesticides. Besides that, it is also used as a flavor enhancer and nutritional supplement.

Glycine Methyl Ester Hydrochloride can be retained and analyzed using the Primesep-A 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

<b>Mobile Phase</b>	MeCN/H <sub>2</sub> O – 10/90%
<b>Buffer</b>	H <sub>2</sub> SO <sub>4</sub> – 0.05%
<b>Flow Rate</b>	0.05 ml/min
<b>Detection</b>	UV, 200 nm

<b>Class of Compounds</b>	Amino acid, Drug, Acid, Hydrophilic, Ionizable, Vitamin, Supplements, Zwitterionic
<b>Analyzing Compounds</b>	Glycine methyl ester, Glycine

#### HPLC Column Used

**Primesep A, 3.2 x 150 mm, 5 µm, 100 Å, dual ended**

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