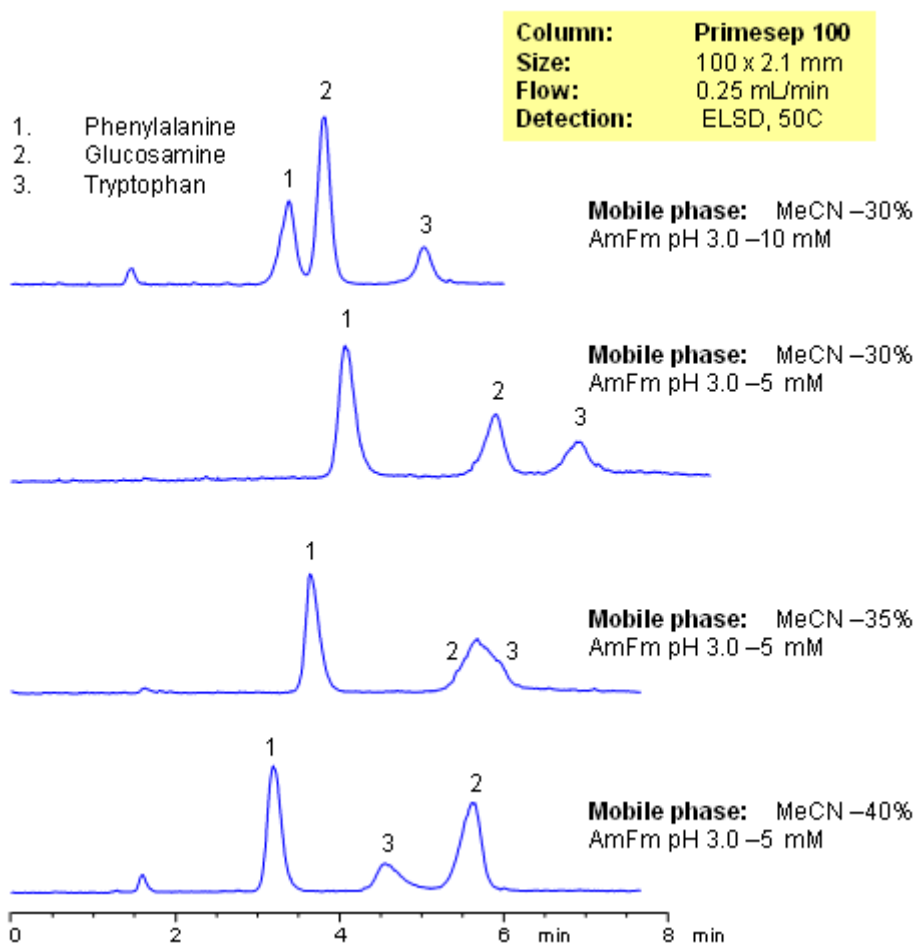


# HPLC Separation of Phenylalanine, Glucosamine, and Tryptophan on Mixed-Mode Column

<https://sielc.com/Application-HPLC-Separation-of-Phenylalanine-Glucosamine-and-Tryptophan-on-Mixed-Mode-Column>

## Chromatogram



## Description

The Separation of Phenylalanine, Glucosamine and Tryptophan demonstrates how the small changes to the organic and/or buffer concentrations in the mobile phase affect the retention of compounds on a mixed-mode column by hydrophobic, ion-exchange and ion-exclusion mechanisms in reverse-phase HPLC chromatography. Evaporative Light Scattering Detector (ELSD) used

## Method Parameters

<b>Mobile Phase</b>	MeCN/H <sub>2</sub> O
<b>Buffer</b>	AmFm
<b>Flow Rate</b>	0.25 ml/min
<b>Detection</b>	ELSD
<b>Class of Compounds</b>	Drug, Acid, Hydrophilic, Ionizable, Vitamin, Supplements, Amino acid

Analyzing Compounds

Phenylalanine, Glucosamine, Tryptophan

HPLC Column Used

**Primesep 100, 2.1×100 mm, 5 µm, 100A**

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