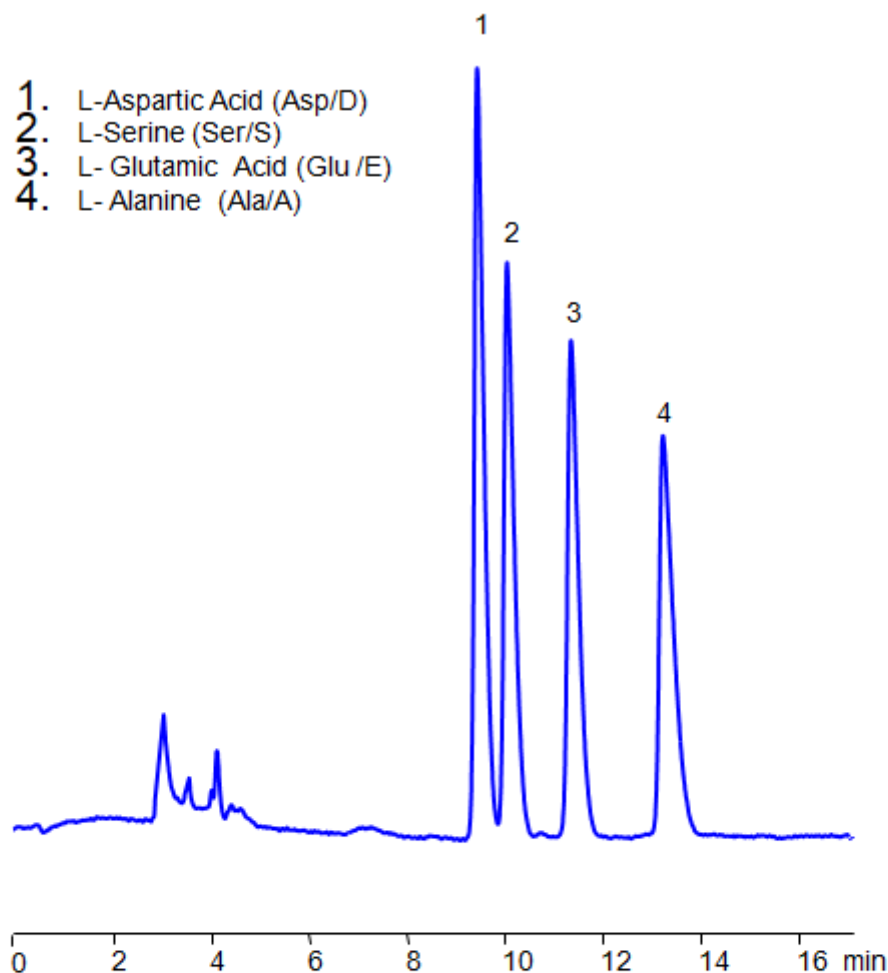


HPLC Separation of a Mixture of Non-Essential Amino Acids, such as L-Aspartic Acid, L-Serine, L-Glutamic Acid, and L-Alanine on Primesep 100 Column

<https://sielc.com/hplc-separation-of-mixture-of-non-essential-amino-acids>

Chromatogram



Column:	Primesep 100
Column size:	4.6 × 250 mm, 5 µm
Column part number:	100-46.250.0510
Mobile phase:	MeCN /H ₂ O – 20/80%
Buffer:	H ₃ PO ₄ – 0.1%
Flow rate:	1.0 mL/min
UV detection:	200 nm

HPLC Separation of Mixture of Non-Essential Amino Acids on Primesep 100 Column

Method Parameters

Mobile Phase

MeCN/H₂O – 20/80%

Buffer	H3PO4 – 0.1%
Flow Rate	1.0 ml/min
Detection	UV, 200 nm
Class of Compounds	Drug, Acid, Hydrophilic, Ionizable, Vitamin, Supplements, Amino acid
Analyzing Compounds	Aspartic Acid,Serine,GLU (L-Glutamic acid),Glutamic Acid,D-Alanine,DL-Alanine,Amino Acids,Alanine

HPLC Column Used

Primesep 100, 4.6 x 250 mm, 5 µm, 100 A, dual ended

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