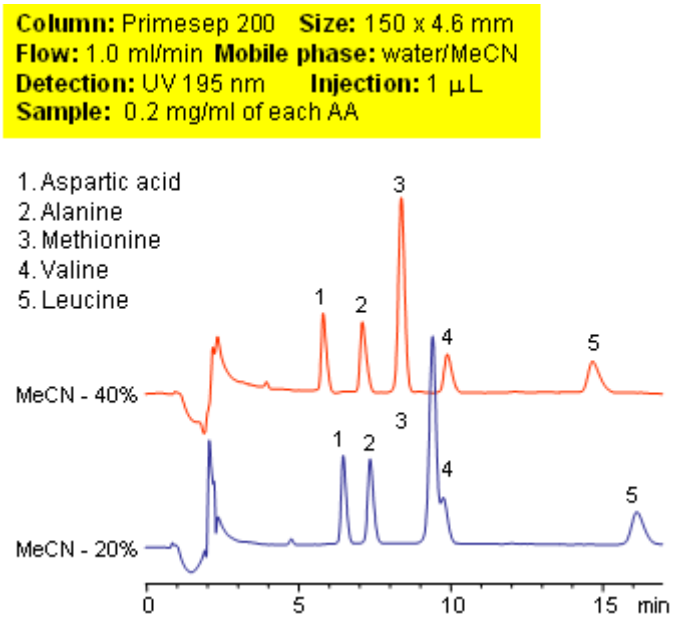
Bufferless Ion Separation (BLIS™) Chromatography of Amino Acids (2)

https://sielc.com/Application-Bufferless-Ion-Separation-BLIS-Chromatography-of-Amino-Acids-2

Chromatogram



Description

Adding on to the previous HPLC separation of amino acids using Bufferless Ion Separation (BLIS) Chromatography; here we have additional amino acids separated on Primesep 200 column using only water and acetonitrile (MeCN, ACN) in the mobile phase. Primesep 200 is a reverse-phase (RP) column with weak acidic ion-pairing groups embedded. With no buffer present in the mobile phase, detection can be achieved with UV, mass spectrometry (MS), evaporative light scattering detection (ELSD).

Method Parameters

Mobile Phase	MeCN
Buffer	No
Flow Rate	1.0 ml/min
Detection	UV, 195 nm
Class of Compounds	Drug, Acid, Hydrophilic, Ionizable, Vitamin, Supplements, Amino acid
Analyzing Compounds	Aspartic acid, Alanine, Valine, Methionine, Leucine

HPLC Column Used

Primesep 200, 4.6×150 mm, 5 µm, 100A

Order this column at hplc-shop.de →