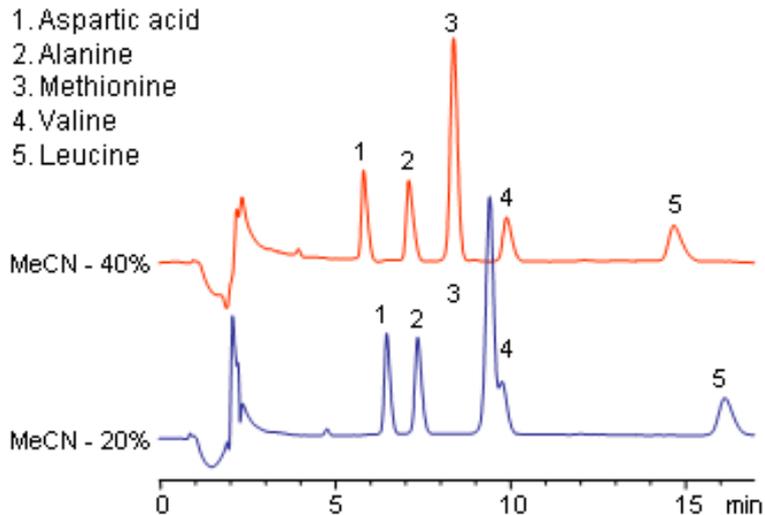


Bufferless Ion Separation (BLIS™) Chromatography of Amino Acids (2)

Column: Primesep 200 **Size:** 150 x 4.6 mm
Flow: 1.0 ml/min **Mobile phase:** water/MeCN
Detection: UV 195 nm **Injection:** 1 µL
Sample: 0.2 mg/ml of each AA



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

Column	Primesep 200, 4.6x150 mm, 5 µm, 100 Å
Mobile Phase	MeCN
Buffer	No
Flow Rate	1.0 mL/min
Detection	UV, 195 nm

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