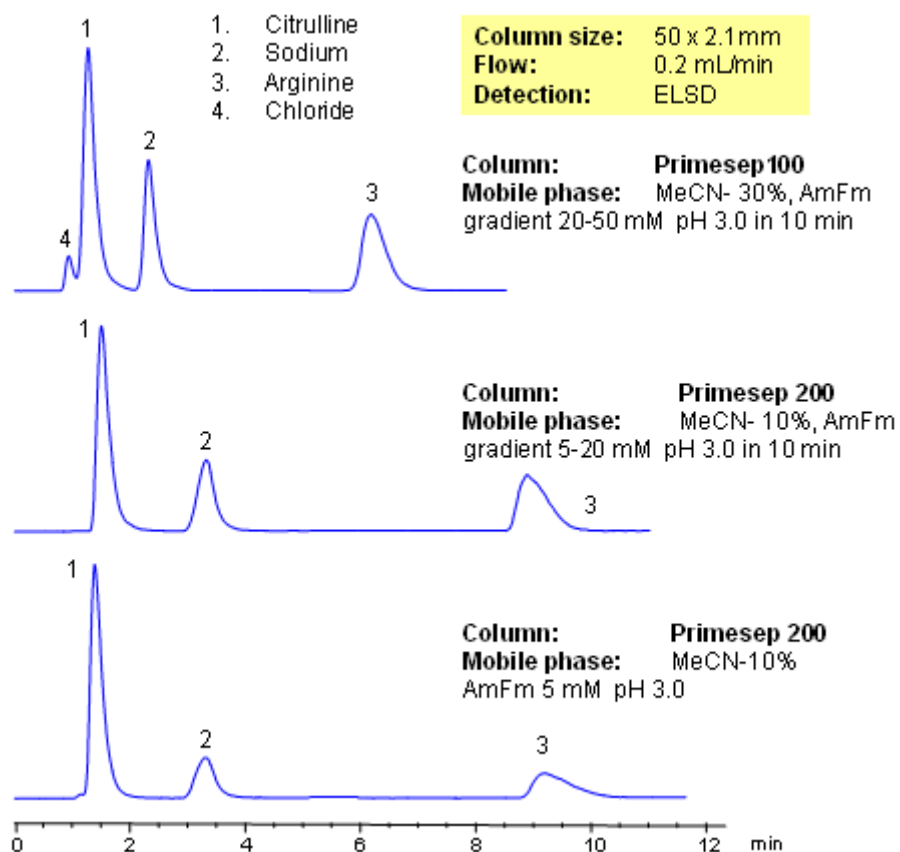


HPLC Analysis of Citrulline and Arginine on Primesep Columns

<https://sielc.com/Application-HPLC-Analysis-of-Citrulline-and-Arginine-on-Primesep-Columns>

Chromatogram



Description

Two underivatized amino acids, citrulline and arginine, are separated by mixed-mode chromatography on Primesep 100 and Primesep 200 HPLC columns with LC/MS compatible mobile phase. Method can be used for retention and separation of underivatized amino acids without ion-pairing reagent in the mobile phase.

Method Parameters

Mobile Phase	MeCN/H ₂ O
Buffer	AmFm pH 3.0
Flow Rate	0.2 ml/min
Detection	ELSD
Class of Compounds	Ions, Hydrophilic, Ionizable
Analyzing Compounds	Sodium, Citrulline, Arginine, Chloride

HPLC Column Used

Primesep, 2.1x50 mm, 5 µm, 100A