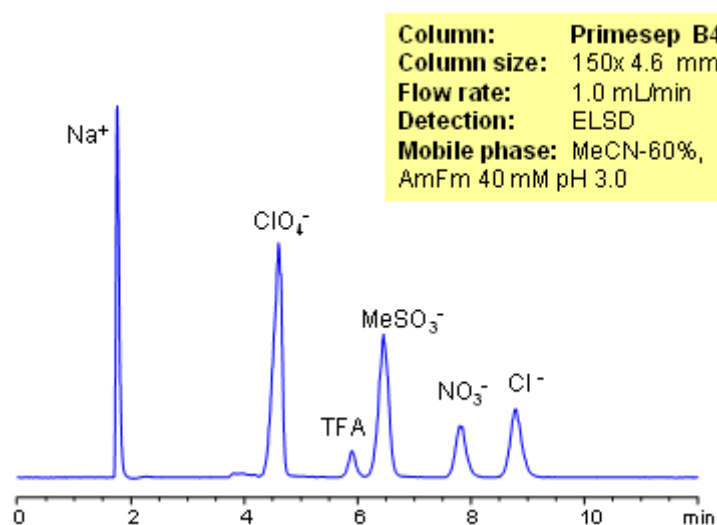


HPLC Separation of Inorganic Anions

<https://sielc.com/Application-HPLC-Separation-of-Inorganic-Anions>

Chromatogram



Description

Organic and inorganic acids and ions can be separated on a Primesep B4 column based on their ionic properties. Method can be used for quantitation of residual acids in various products and sample matrices. Trifluoroacetic, hydrochloric, methanesulfonic, and nitric acids are separated using ACN-water-ammonium formate. Ions can be detected by ELSD, CAD or LC/MS.

Method Parameters

Mobile Phase	MeCN/H2O
Buffer	AmFm
Flow Rate	1.0 ml/min
Detection	ELSD
Class of Compounds	Ions, Hydrophilic, Ionizable
Analyzing Compounds	Sodium, Phosphate, Chloride, Nitrate, Sulfate, Iodide, Perchlorate, Trifluoroacetic

HPLC Column Used

Primesep B4, 4.6x150 mm, 5 µm, 100A

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