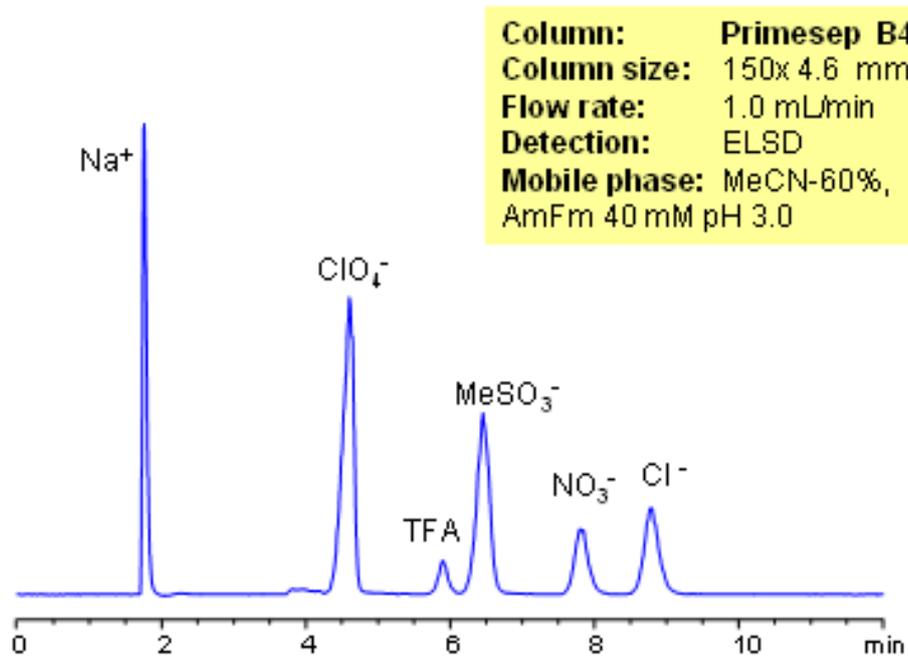


HPLC Separation of Inorganic Anions



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

| | |
|---------------------|--------------------------------------|
| Column | Primesep B4, 4.6x150 mm, 5 µm, 100 Å |
| Mobile Phase | MeCN/H ₂ O |
| Buffer | AmFm |
| Flow Rate | 1.0 mL/min |
| Detection | ELSD |

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