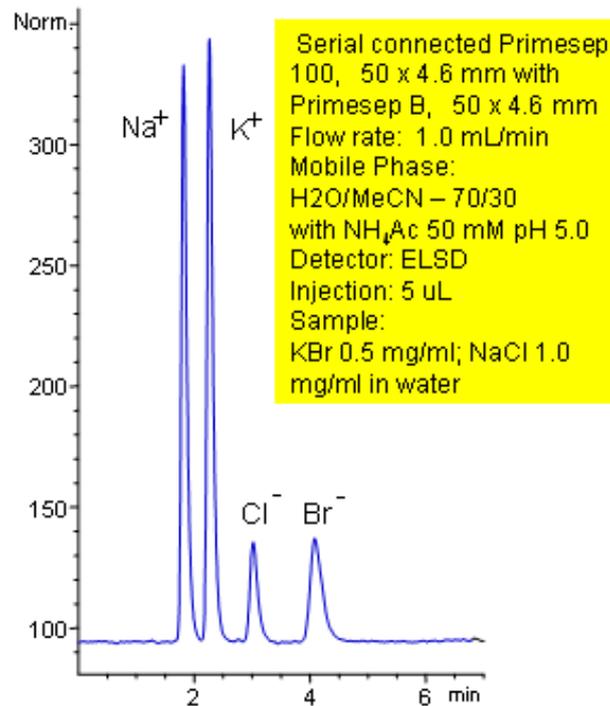


## Simultaneous Separation of Cations and Anions



Primesep 100 and Primesep B columns connected in series allow the quantitation of sodium chloride and potassium bromide ions in one injection. The Primesep B column retains the chloride and bromide anions by anion exchange, and the Primesep 100 retains the sodium and potassium cations by cation exchange. The separation uses a mobile phase mixture of water, acetonitrile (MeCN, ACN) and trifluoroacetic acid (TFA) with evaporative light scattering detection (ELSD).

### Method Parameters

<b>Column</b>	Primesep 100, Primesep B , 4.6x50 mm, 5 µm, 100 Å
<b>Mobile Phase</b>	MeCN/H <sub>2</sub> O
<b>Buffer</b>	AmAc pH 5.0
<b>Flow Rate</b>	1.0 mL/min
<b>Detection</b>	ELSD50C

Quelle: <https://sielc.com/Application-Simultaneous-Separation-of-Cations-and-Anions>