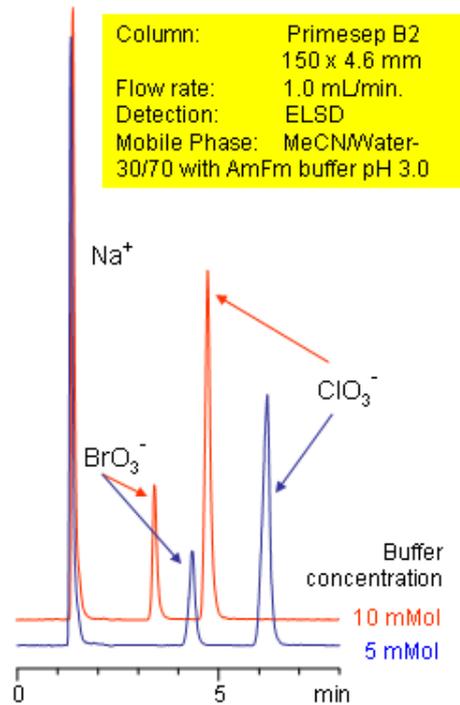


## HPLC Separation of Chlorate and Bromate Ions



Primesep B2 separates chlorate and bromate by an ion-exchange mechanism. The anion-exchange properties of the column allow retention of hydrophilic compounds, and these properties can be adjusted by simply changing the ammonium formate buffer concentration. The HPLC separation uses a mobile phase of water, acetonitrile (MeCN, ACN) and ammonium formate with evaporative light scattering detection (ELSD).

### Method Parameters

<b>Column</b>	Primesep B2, 4.6x150 mm, 5 µm, 100 Å
<b>Mobile Phase</b>	MeCN/H <sub>2</sub> O – 30/70%
<b>Buffer</b>	AmFm pH 3.0
<b>Flow Rate</b>	1.0 mL/min
<b>Detection</b>	CAD

Quelle: <https://sielc.com/Application-HPLC-Separation-of-Chlorate-and-Bromate-Ions>