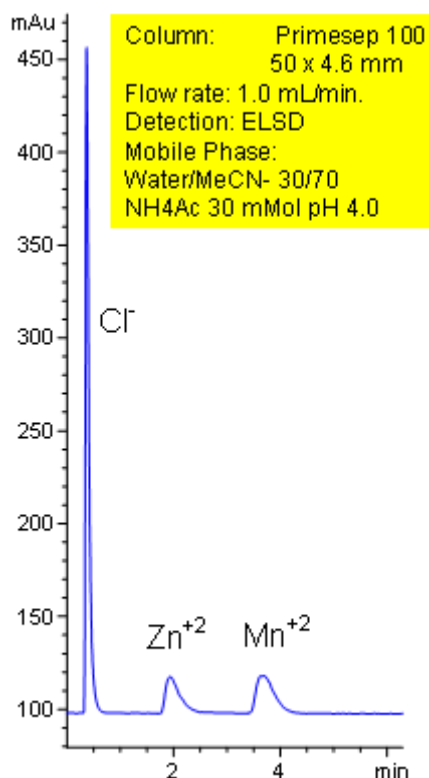


Separation of Zn and Mn on Primesep 100 Column

<https://sielc.com/Application-Separation-of-Zn-and-Mn-on-Primesep-100-Column>

Chromatogram



Description

Primesep 100 separates the divalent cations, zinc and manganese, from their counter ion, chloride. The cations are retained by cation exchange and the chloride anion is eluted by ion exclusion. The mobile phase mixture of water, acetonitrile (MeCN, ACN) and ammonium acetate is evaporative light scattering detection (ELSD) compatible.

Method Parameters

Mobile Phase	MeCN/H ₂ O
Buffer	AmAc pH 4.0
Flow Rate	1.0 ml/min
Detection	ELSD
Class of Compounds	Ions, Hydrophilic, Ionizable, Vitamin, Supplements
Analyzing Compounds	Chloride, Magnesium, Zinc

HPLC Column Used

Primesep 100, 4.6x50 mm, 5 µm, 100A

[Order this column at hplc-shop.de →](#)