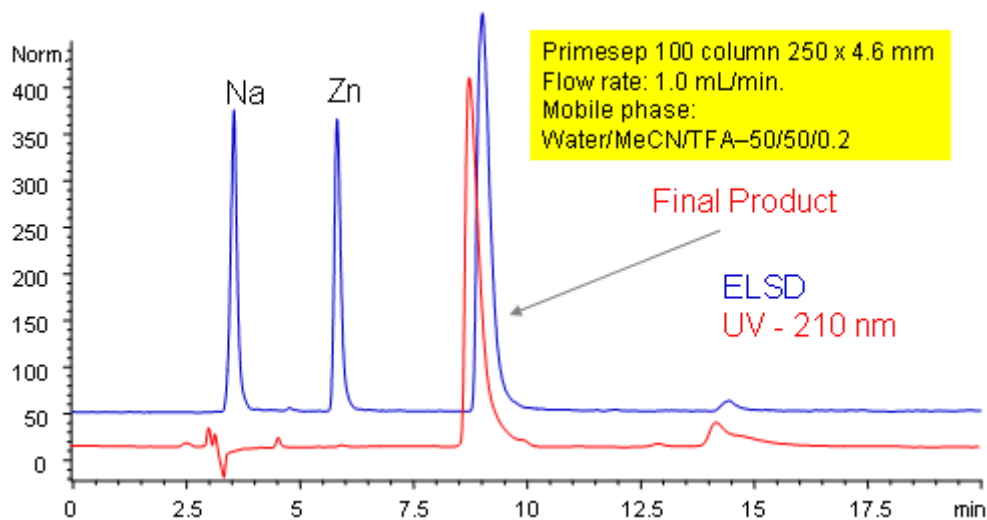


Zn and Na Quantitation in Drug Substances

<https://sielc.com/Application-Zn-and-Na-Quantitation-in-Drug-Substances>

Chromatogram



Description

Primesep 100 allows the quantitation of sodium and zinc cations in a drug product sample. The cations are retained by cation exchange and the drug product is retained by hydrophobic, reversed-phase mechanisms. The separation uses a mobile phase mixture of water, acetonitrile (MeCN, ACN) and trifluoroacetic acid (TFA) with evaporative light scattering detection (ELSD) and UV detection.

Method Parameters

Mobile Phase	MeCN/H ₂ O
Buffer	TFA
Flow Rate	1.0 ml/min
Detection	ELSD 50C
Class of Compounds	Ions, Hydrophilic, Ionizable, Vitamin, Supplements
Analyzing Compounds	Sodium, Zinc

HPLC Column Used

Primesep 100, 4.6x250 mm, 5 µm, 100A

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