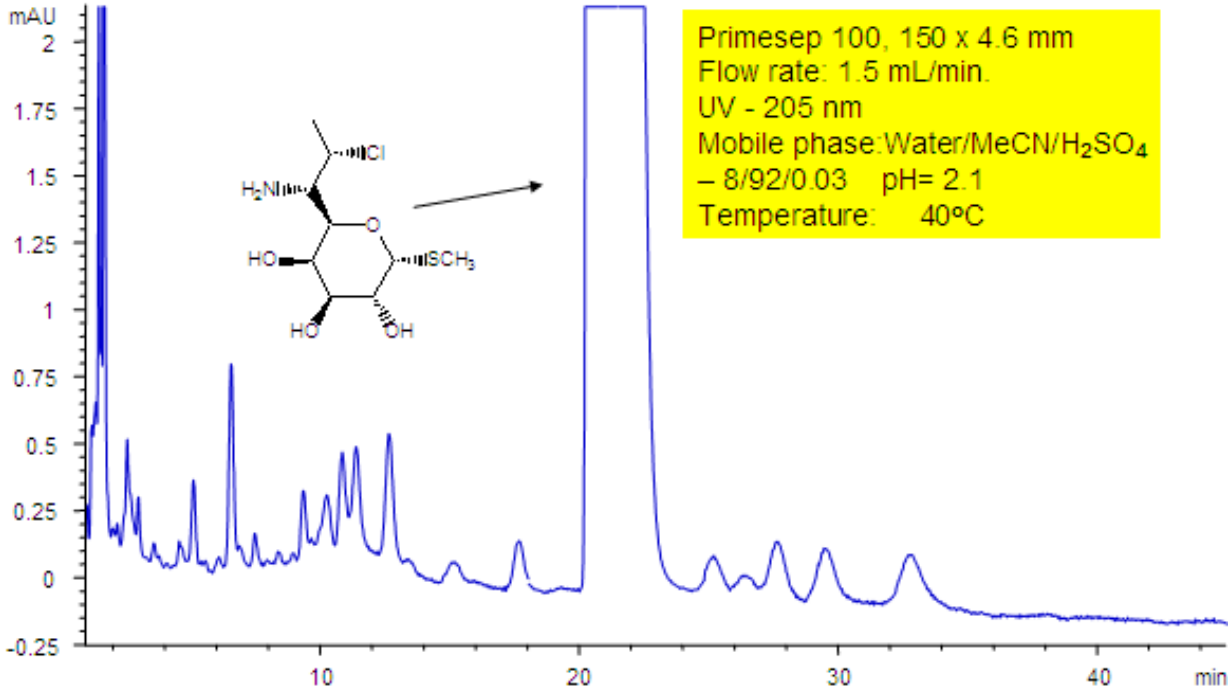
Amino Sugars Analysis in Ion Exchange and Reverse Mode



Primesep 100 retains an amino sugar by a combination of cation exchange and reversed phase. Columns with reversed-phase functionality alone are unable to retain this amino sugar. The polar interactions of the Primesep 100 column together with the reversed-phase interactions retain the amino sugar and resolve it from its many impurities. The separation method uses a mobile phase mixture of water, acetonitrile (MeCN, ACN) and sulfuric acid (H2SO4) with UV detection at 205 nm.

Method Parameters

Column	Primesep 100, 4.6×150 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H2O
Buffer	H2SO4
Flow Rate	1.5 mL/min
Detection	UV 205 nm

Quelle: https://sielc.com/Application-Amino-Sugars-Analysis-in-Ion-Exchange-and-Reverse-Mode

AugustaChrom - Dr. Roland Kießwetter
Tel.: +49 821 599 783 70
Fax: +49 821 599 783 71
E-Mail: info@hplc-shop.de