

Polystyrene Sulfonate Analysis by Aqueous SEC Agilent PL aquagel-OH MIXED-H 8 µm

Columns

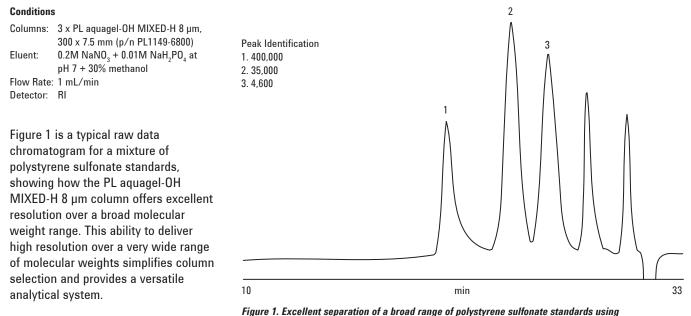
Technical Overview

Introduction

The PL aquagel-OH packing exhibits excellent stability, and so eluent modification is possible with no loss of the high column efficiency (>35,000 plates/meter). This ability permits the investigation of hydrophobic compounds such as polystyrene sulfonate by aqueous size exclusion chromatography.

To counteract ionic interactions between polystyrene sulfonate standards and the column packing, the eluent is modified by the addition of salt. Due to the hydrophobic nature of these samples, further modification of the eluent is done by the addition of a weak organic solvent (methanol).





PL aquagel-OH MIXED-H columns

These data represent typical results. For further information, contact your local Agilent Sales Office.

www.agilent.com/chem

This information is subject to change without notice. © Agilent Technologies, Inc. 2010 Published in UK, September 20, 2010 SI-01660



Agilent Technologies