

Characterizing Complex Polymers in Challenging Solvents

The AYE Combo

from Testa Analytical is a unique GPC/SEC detector designed to have a high performance refractometer as an integral part of a viscometer, allowing both concentration and viscosity to be measured at exactly the same time on the very same sample segment.



As a consequence the AYE Combo Refractometer / Viscometer detector

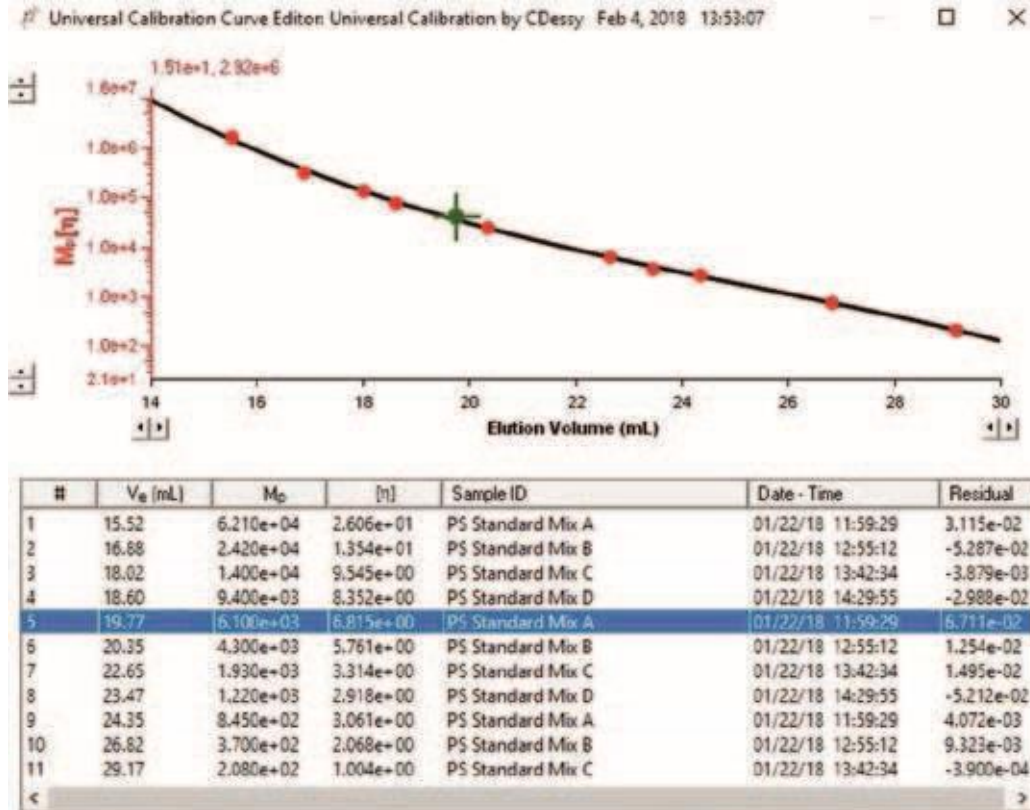
enables a much more accurate determination of molecular parameters and is particularly suitable for applications focused on determining the structure and branching of complex polymers.

GPC/SEC

is widely acknowledged as a primary analytical technique for characterizing polymers. The latest generation of complex high performance polymers however, add a notable degree of complication by requiring the use of "challenging" solvents such as DMSO, DMF and HFIP to dissolve them. Unfortunately, most GPC/SEC systems require frequent maintenance when operating with these solvents.

Drawing upon pressure transducers

made out the most stable alloy available combined with highest grade 316T capillary tubing The AYE Combo detector is gaining rapid recognition as the GPC/SEC detector of choice for characterizing complex polymers in challenging solvents



For further information

on the AYE Combo Refractometer / Viscometer detector please visit <https://www.testa-analytical.com/gpc-sec-chromatography.html> or contact Testa Analytical Solutions on +49-30-864-24076 / info@testa-analytical.com.

Testa Analytical Solutions e.K.

is a company dedicated to supplying the best possible instrumental solutions for characterization of polymers, particles, nanomaterials and proteins. Drawing upon over 30 years' experience of technologies serving these markets, the staff at Testa Analytical are happy to share their knowledge with researchers worldwide to help provide them with a working solution for even the most demanding applications.

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