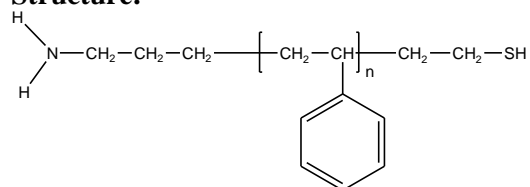


Sample Name:

Poly(styrene), (α -amino, ω -thiol)-terminated

Sample #: **P4035-NH2SSH**

Structure:



Composition:

$M_n \times 10^3$	PDI
21.0	1.5

Synthesis Procedure:

See the reference for details.

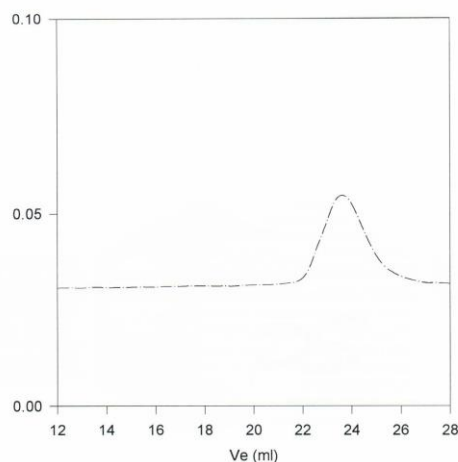
Characterization:

The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC).

Solubility:

Polymer is soluble in THF, CHCl_3 , Toluene, dioxan and precipitated out from methanol/water or in cold hexane.

SEC profile of the Sample:



References for further information:

1. Varshney, S. K.; Song, Z.; Zhang, Jian-Xin.; Jerome, Robert. Rapid Communication; J. Polym. Sci. Part A, 2006, 44, 3400.
2. S. K. Varshney, Ph. Bayard, C. Jacobs, R. Jerome, R. Fayt and Ph. Teyssie "Anionic Polymerization of Meth(acrylic) Monomers-8; Synthesis and Characterization of (Meth)acrylic end-functionalized Polymers: Macromonomers and Telechelics" CA 117, 18, 172243. Macromolecules, 1992, 25, 5578-5584.