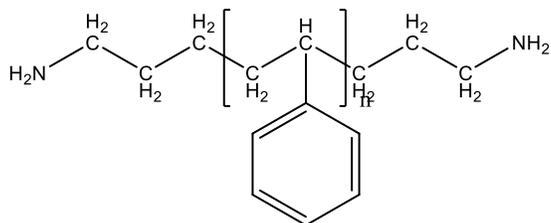


Sample Name:

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

Sample #: P43359-S2NH2

Structure:

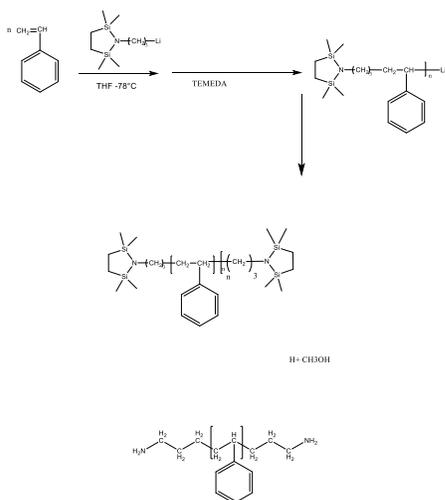


Composition:

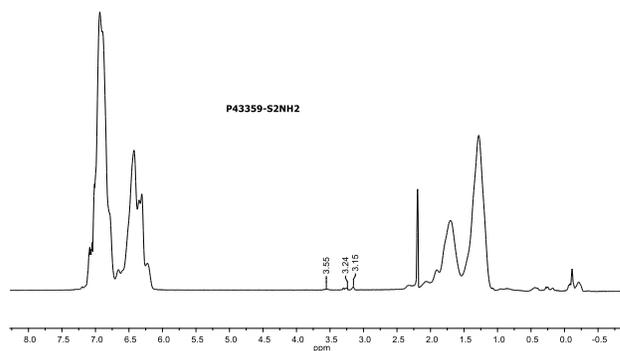
$M_n \times 10^3$	PDI
8.0	1.06

Synthesis Procedure:

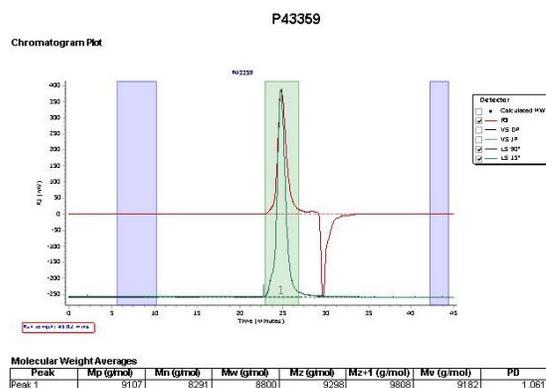
α,ω -bis -amino terminated polystyrene was synthesized by anionic living polymerization process. The following reaction scheme shows how the product was prepared:



1 H NMR spectrum of the Sample:



SEC elugram of the Sample:



Characterization:

The product was characterized by size exclusion chromatography (SEC) and 1 H NMR data analysis.

Solubility:

Polymer is soluble in THF, CHCl_3 toluene and precipitated out from methanol and hexane.