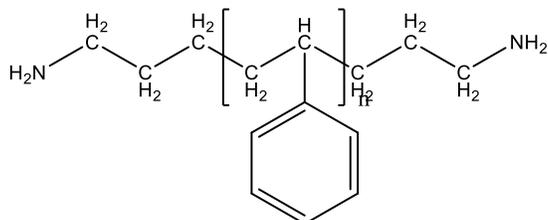


Sample Name:

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

Sample #: **P43356-S2NH2**

Structure:

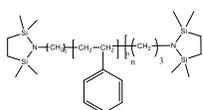
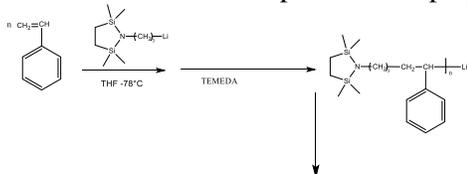


Composition:

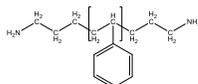
$M_n \times 10^3$	PDI
5.5	1.16

Synthesis Procedure:

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



H⁺ CHCl₃

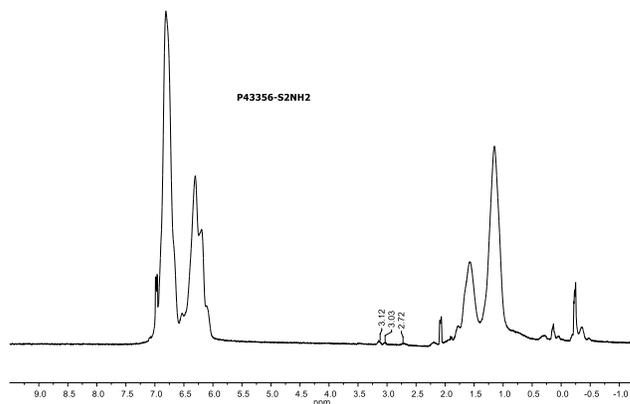


Characterization:

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

Solubility: Polymer is soluble in THF, CHCl₃ toluene and precipitated out from methanol and hexane.

¹H NMR spectrum of the Sample:



SEC elugram of the Sample:

