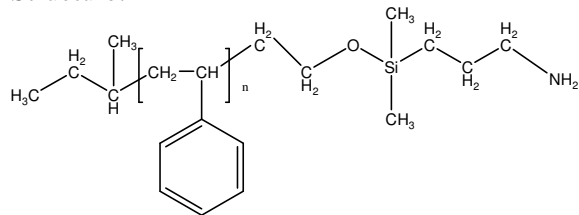


Sample Name:

Amino Terminated Polystyrene

Sample #: **40054-SNH2**

Structure:



Composition:

Mn x 10 ³	PDI
2.5	1.15

Synthesis Procedure:

The polymer was synthesized by anionic process.

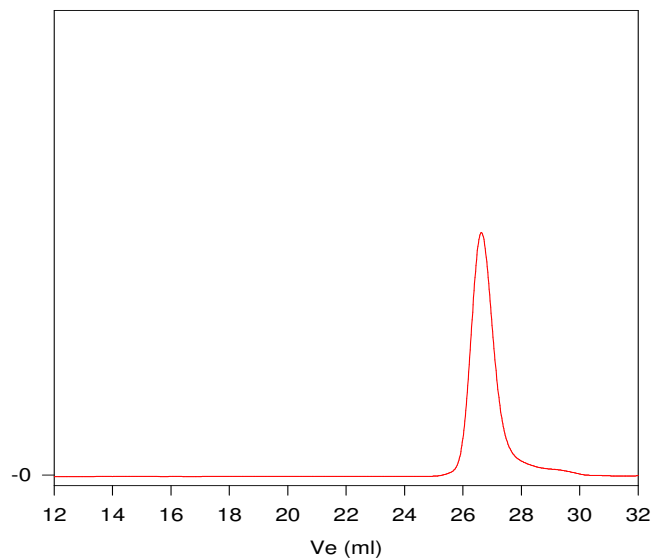
Characterization:

The polymer was characterized by ¹H NMR and SEC. The degree of functionality was confirmed by titration with HClO₄ using crystal violet as the indicator.

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

SEC elugram of the polymer:

P40054-SNH2



Size exclusion chromatography of Amino Terminated polystyrene
NH₂ protected by Naphthyl isocyanate
M_n=2500, M_w=2900, PI=1.15, functionality>0.98%

¹H NMR spectrum of the polymer:

