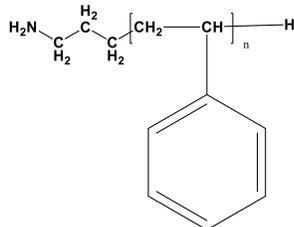


**Sample Name:**  
**Amino Terminated Polystyrene**

**Sample #:** P44249L-SNH2

**Structure:**

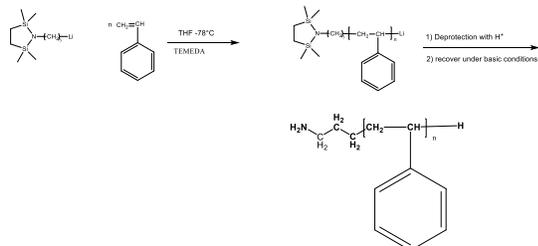


**Composition:**

$M_n \times 10^3$	PDI
166.0	1.7
$T_g$ (°C): 102	

**Synthesis Procedure:**

$\omega$ -amino terminated polystyrene was synthesized by anionic living polymerization with different end-grouping strategies. The reaction schemes are shown below:



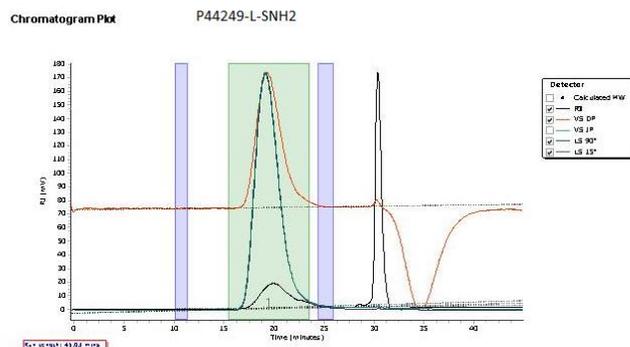
**Characterization:**

The product was characterized by size exclusion chromatography (SEC).

**Solubility:**

Polymer is soluble in THF, CHCl<sub>3</sub> toluene. It precipitated out from methanol and hexane.

**SEC elugram of the Sample:**



**Molecular Weight Averages**

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PDI
Peak 1	270260	165991	278378	405504	523439	390502	1.677