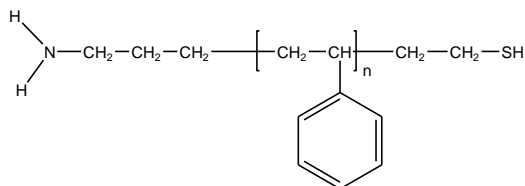


Sample Name:

**Poly(styrene), ( $\alpha$ -amino,  $\omega$ -thiol)-terminated**

Sample #: **P4031-NH2SSH**

**Structure:**

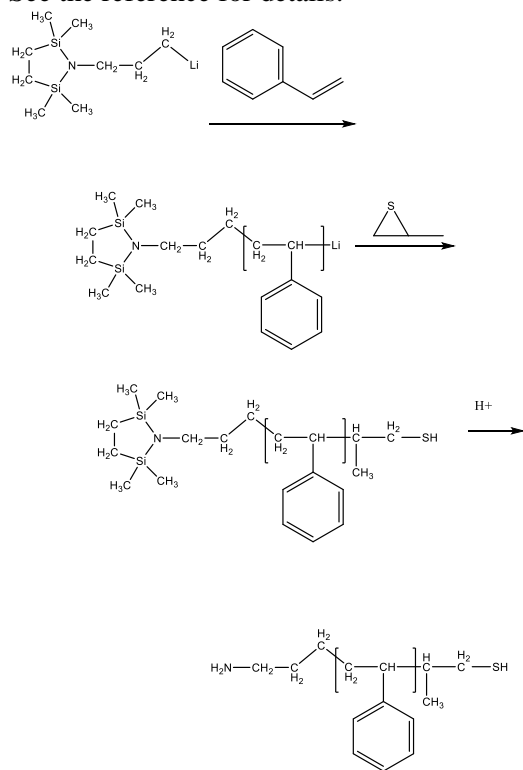


**Composition:**

$M_n \times 10^3$	PDI
131.0	1.10

**Synthesis Procedure:**

See the reference for details.



**Characterization:**

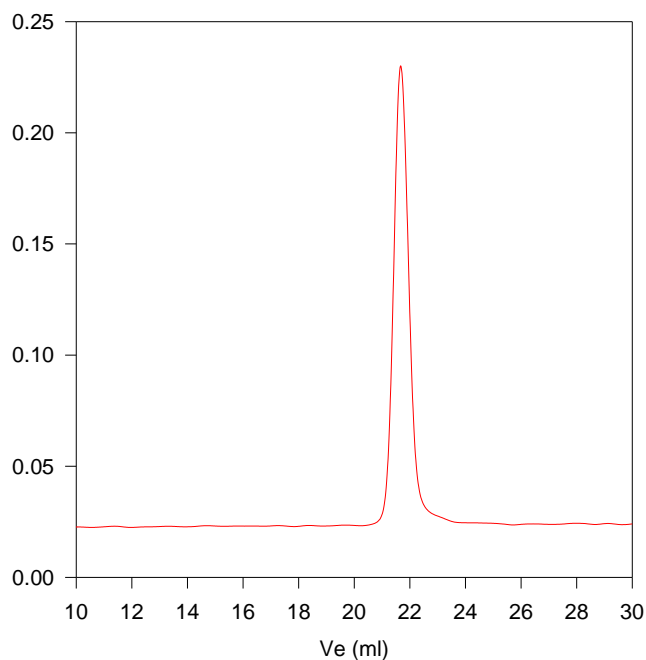
The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC).

**Solubility:**

Polymer is soluble in THF,  $\text{CHCl}_3$ , Toluene, dioxan and precipitated out from methanol/water or in cold hexane.

SEC profile of the Sample:

**P4031-NH2SSH**



Size exclusion chromatograph of polystyrene:

$M_n=131,000$   $M_w=144,000$   $PI=1.10$

**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.