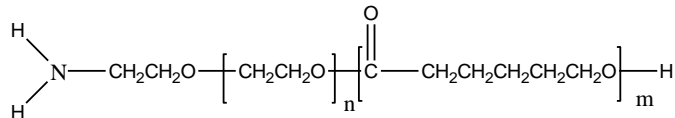


Sample Name:

Amino end functionalized Poly(ethylene oxide-b-caprolactone)

Sample #: **P40583C- NH2EGCL**

Structure:



Composition:

Mn x 10 ³ Phtha- EG-b-PCL	PDI	NH2 functionality
5.0-b-10.5	1.3	>99%

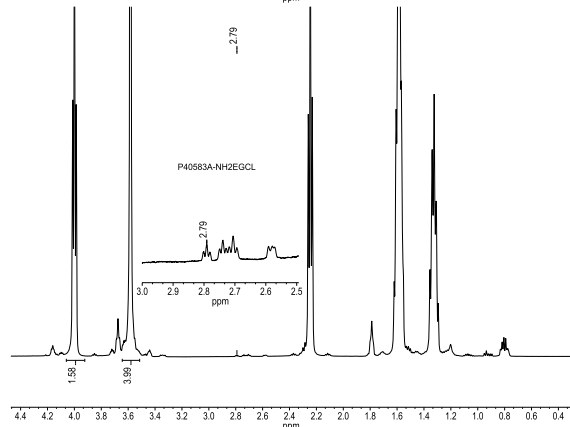
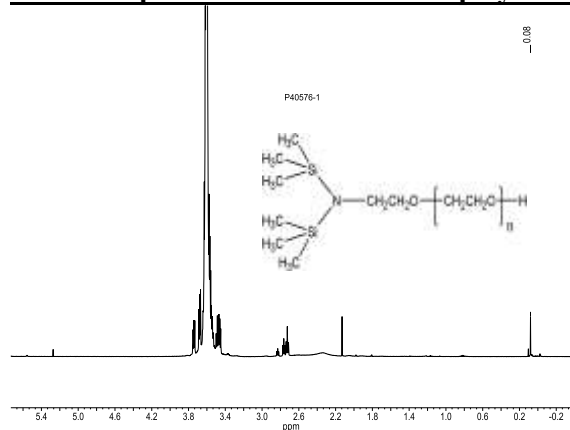
Synthesis Procedure:

The polymer was synthesized by combination of anionic and coordination ring opening polymerization process.

Characterization:

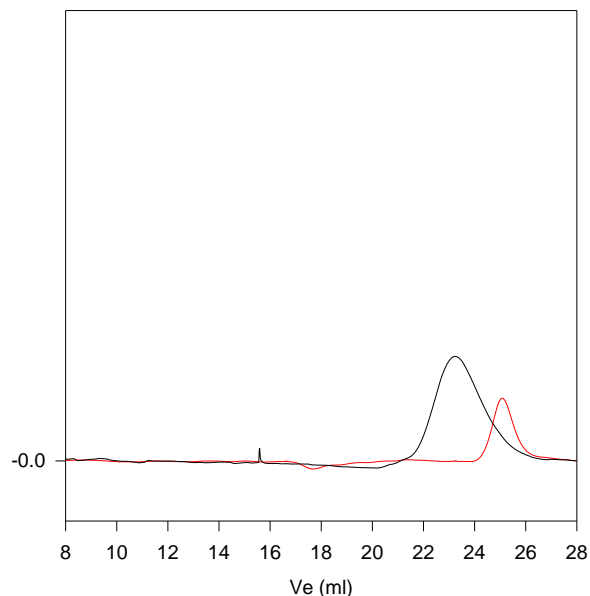
The product was characterized by size exclusion chromatography (SEC) and ¹H NMR.

¹H NMR spectrum of the diblock copolymer:



SEC elugram of the block copolymer:

P40583C-NH2EGCL



Size exclusion chromatograph of NH2 terminated PEG-b-CL

PEG Block: M_n=5,000, M_w=5,800, PI=1.15

NH2-EG-b-CL: 5,000-b-10,500 Mw/Mn:1.3