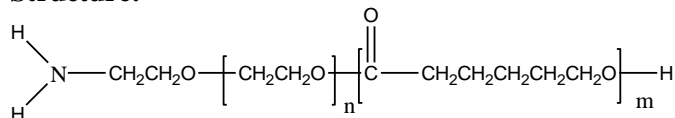


Sample Name:

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

Sample #: **P40582A-NH2EGCL**

Structure:



Composition:

Mn x 10 ³	PDI	NH2 functionality
Phtha- EG-b-PCL		
5.0-b-6.5	1.11	>99%

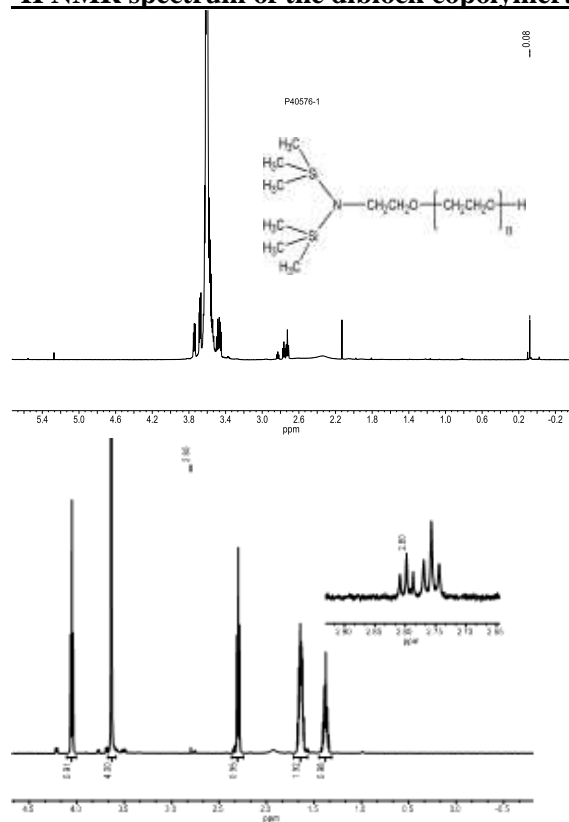
Synthesis Procedure:

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.

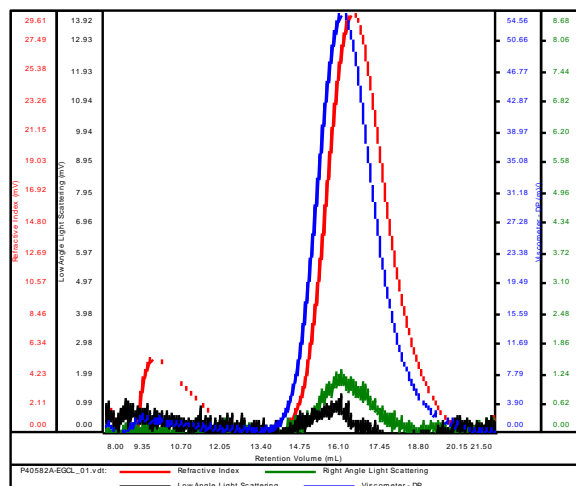
¹H NMR spectrum of the diblock copolymer:



SEC elugram of the block copolymer:

P40582A-NH2EGCL

Conc	6.7651
dn/dc	0.0650
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS80k-March2017-0002.vcm



Sample	Mn	Mw	Mp	Mw/Mn	IV
P40582A-EGCL_01.vdt	11,312	12,632	9,248	1.117	0.2071