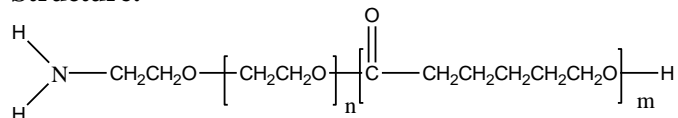


Sample Name:

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

Sample #: **P40583A-NH2EGCL**

Structure:



Composition:

Mn x 10 ³ Phtha- EG-b-PCL	PDI	NH2 functionality
5.0-b-10.5	1.4	>99%

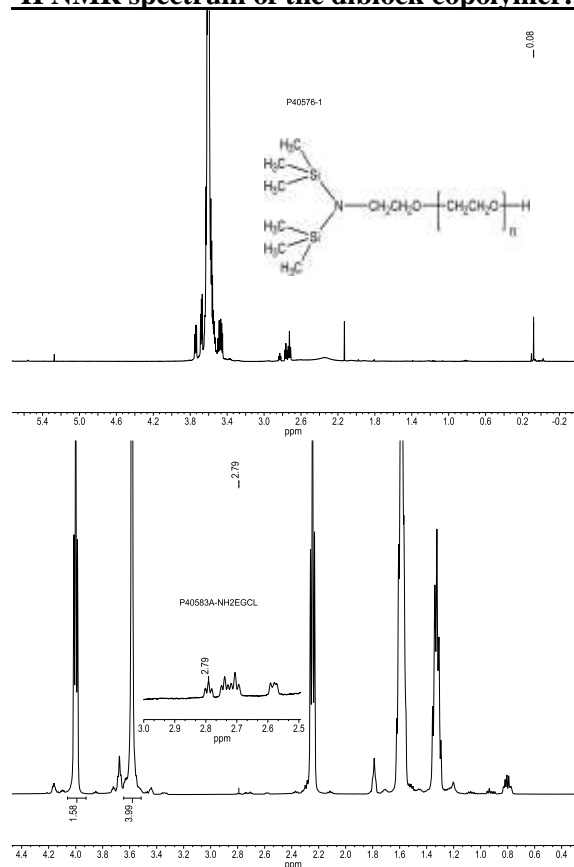
Synthesis Procedure:

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.

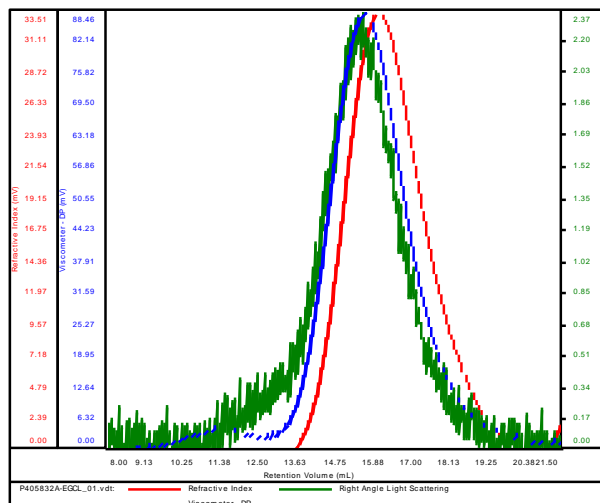
¹H NMR spectrum of the diblock copolymer:



SEC elugram of the block copolymer:

P40583-A-EGCL

Conc	9.6310
dn/dc	0.0580
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS80k-March2017-0002.vcm



Sample	Mn	Mw	Mp	Mw/Mn	IV
P405832A-EGCL_01.vdt	15,890	22,659	18,812	1.426	0.2708