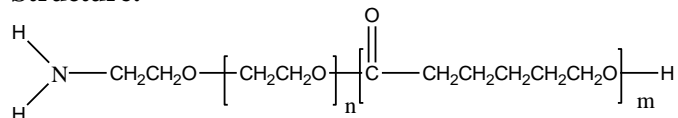


Sample Name:

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

Sample #: **P40582B-NH2EGCL**

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup> Phtha- EG-b-PCL	PDI	NH2 functionality
5.0-b-7.5	1.3	>99%

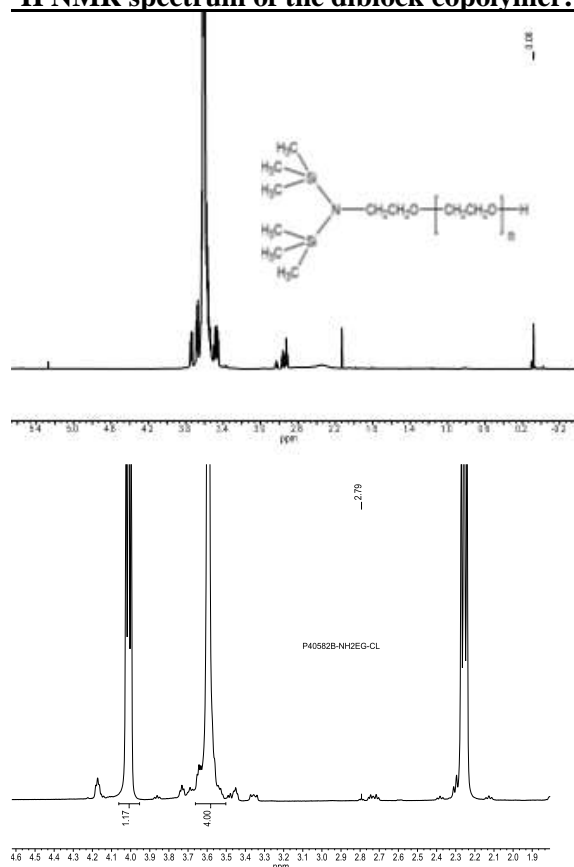
**Synthesis Procedure:**

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 <sup>1</sup>H NMR.

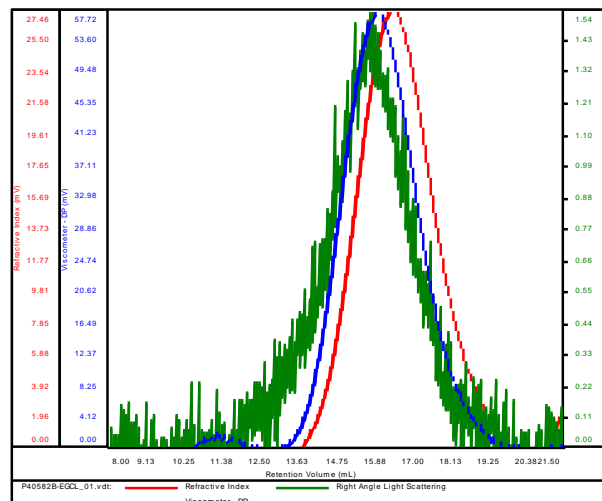
**<sup>1</sup>H NMR spectrum of the diblock copolymer:**



**SEC elugram of the block copolymer:**

**P40582B-EGCL**

Conc	7.8245
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
P40582B-EGCL_01.vdt	12,487	16,597	13,874	1.329	0.2123