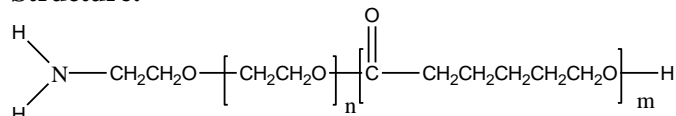


Sample Name:

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

Sample #: **P40581A- NH2EGCL**

Structure:

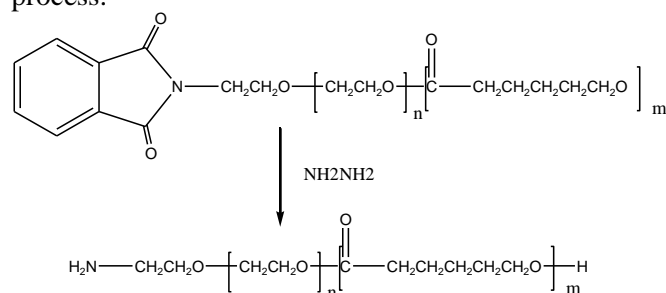


Composition:

Mn x 10 ³ Phtha- EG-b-PCL	PDI	NH2 functionality
12.0-b-22.0	1.4	>99%

Synthesis Procedure:

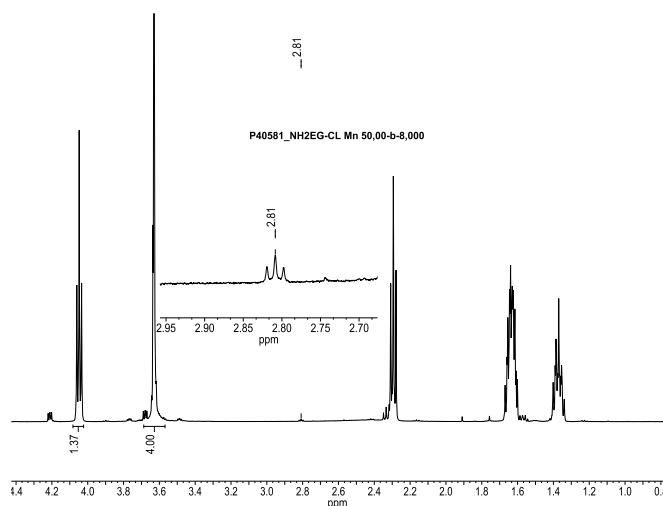
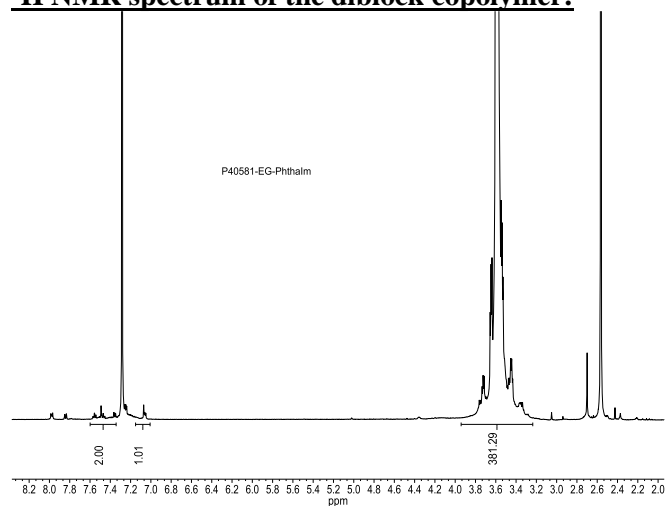
The polymer was synthesized by combination of anionic and coordination ring opening polymerization process.



Characterization:

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

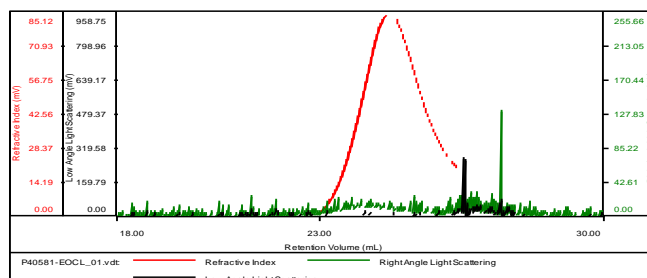
¹H NMR spectrum of the diblock copolymer:



SEC elugram of the block copolymer:

P40581-PhthIM-EG-CL

Concentration (mg/mL)	5.6653
Sample dn/dc (mL/g)	0.0500
Method File	PS80K-Feb2017-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
P40581-EOCL_01.vdt	34,158	48,916	1.432	0.2714	27,350