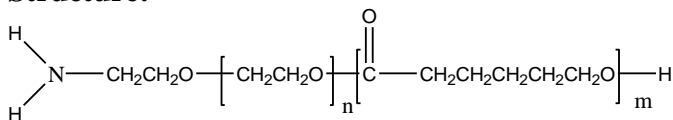


Sample Name:

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

Sample #: **P18077D-NH2EGCL**

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup> NH2 EG-b-PCL	PDI	NH2 functionality
4.0-b-35.0	1.5	>99%

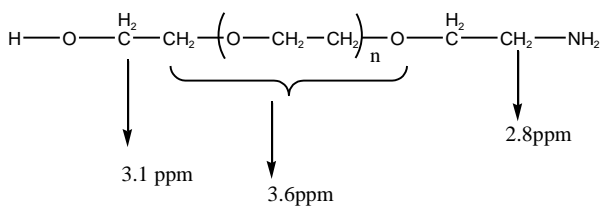
**Characterization:**

By combination of anionic and coordination ring opening polymerization process.

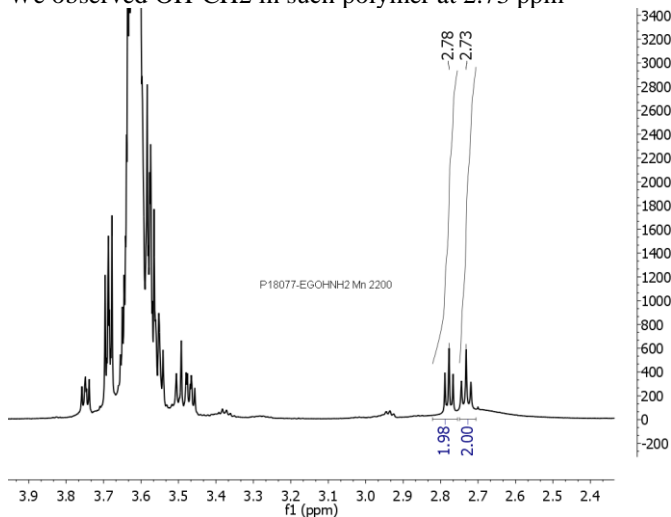
□ -NH2-□ -OH terminated PEG used in this polymer

synthesis

Chemical shifts assignment for the NH2-PEG-OH

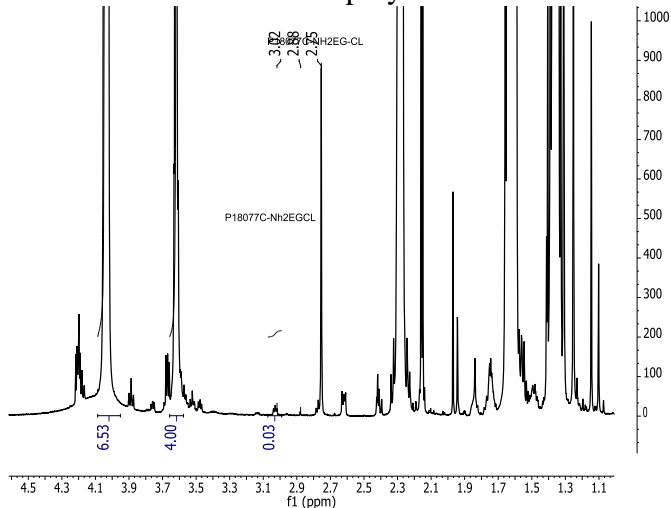


We observed OH-CH2 in such polymer at 2.73 ppm



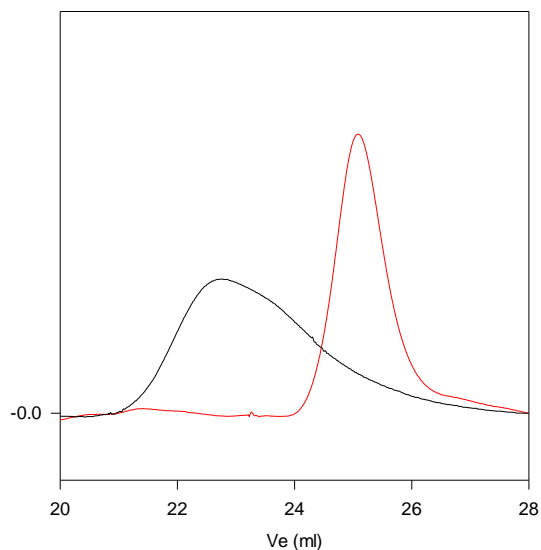
## <sup>1</sup>H-NMR Spectrum of the polymer

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



## SEC of the block copolymer:

**P18077D-NH2EGCL**



Size exclusion chromatograph of NH2 terminated PEG-b-CL

PEG Block: M<sub>n</sub>=4000, M<sub>w</sub>=4300, PI=1.08

NH2-EG-b-CL: 4,000-b-35,000 Mw/Mn:1.5