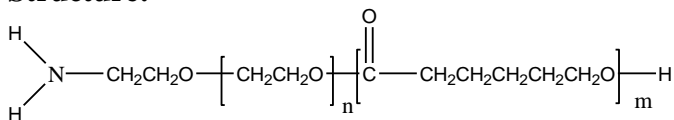


Sample Name:

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

Sample #: P18084- NH2EGCL

**Structure:**



**Composition:**

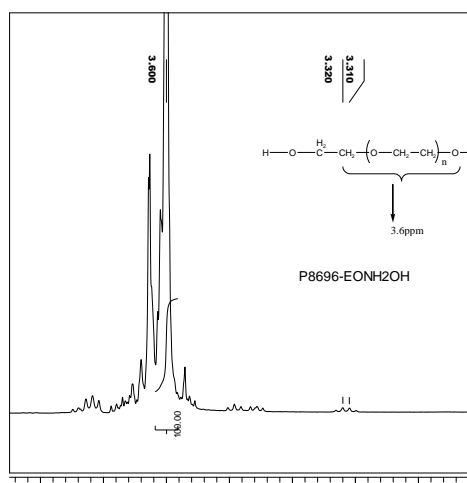
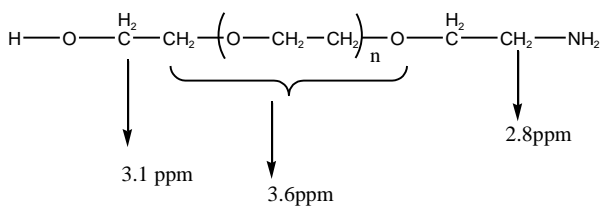
| Mn x 10 <sup>3</sup><br>NH2 EG-b-PCL | PDI | NH2functionality |
|--------------------------------------|-----|------------------|
| 5.5-b-43.0                           | 1.5 | >99%             |

**Characterization:**

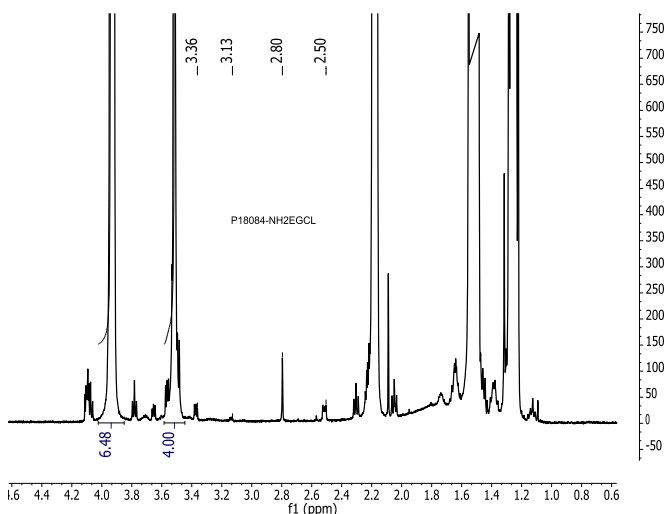
By combination of anionic and coordination ring opening polymerization process.

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

Chemical shifts assignment for the NH2-PEG-OH

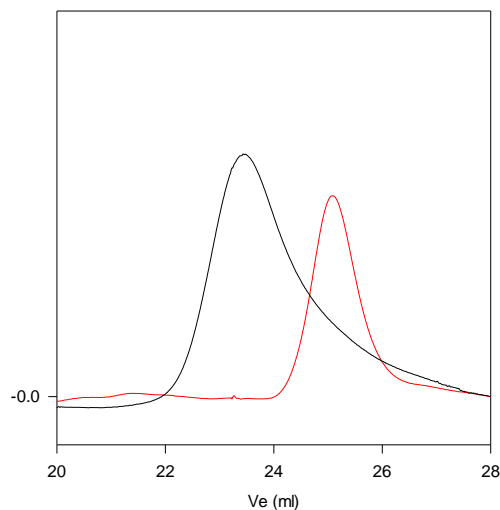


**1H NMR of the diblock copolymer:**



**SEC of the block copolymer:**

**P18084-NH2EGCL**



Size exclusion chromatograph of NH2 terminated PEG-b-CL

PEG Block: M<sub>n</sub>=5,500, M<sub>w</sub>=6,000, PI=1.08

NH2-EG-b-CL: 5,500-b-43,000 Mw/Mn:1.5