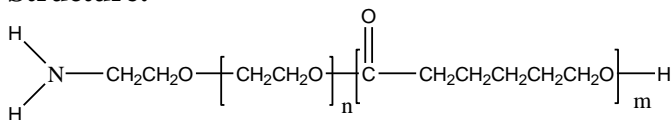


Sample Name:

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

Sample #: P18314-NH2EGCL

Structure:



Composition:

Mn x 10 ³ NH2 EG-b-PCL	PDI	NH2 functionality
5.5-b-37.0	1.6	>99%

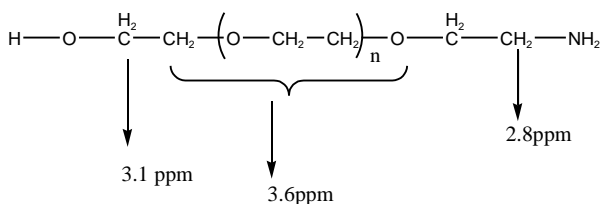
Characterization:

By combination of anionic and coordination ring opening polymerization process.

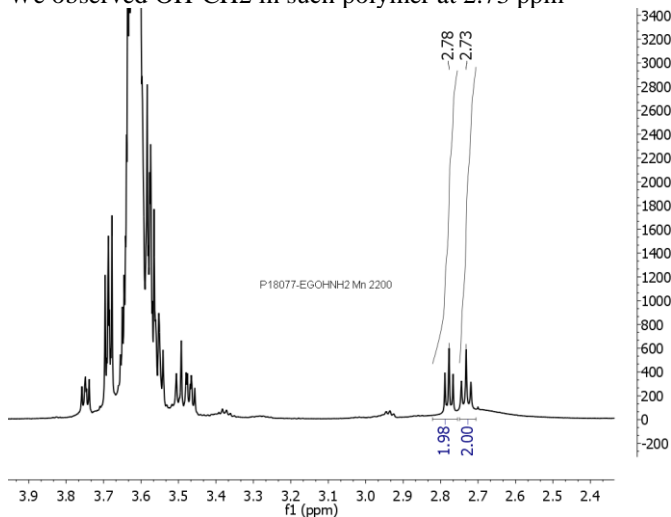
□-NH2-□-OH terminated PEG used in this polymer

synthesis

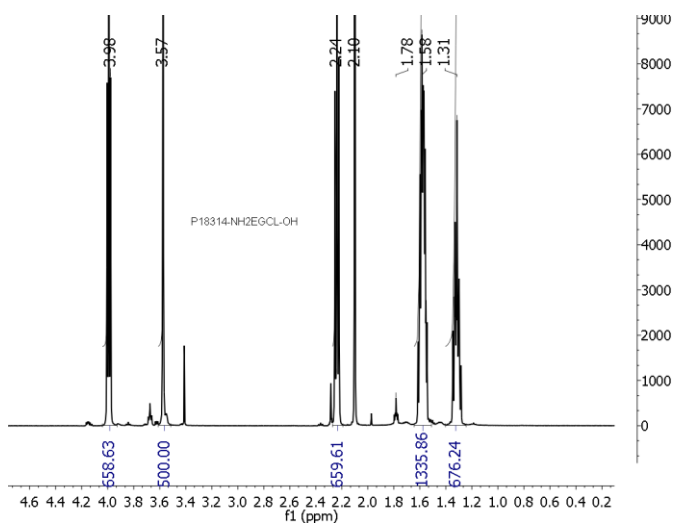
Chemical shifts assignment for the NH2-PEG-OH



We observed OH-CH2 in such polymer at 2.73 ppm

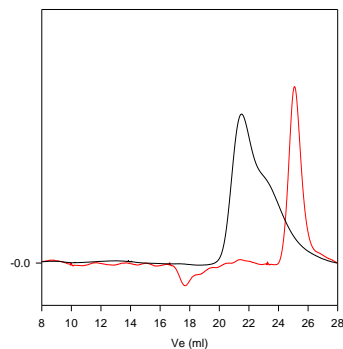


1H-NMR Spectrum of the polymer



SEC of the block copolymer:

P18314-NH2EGCL



Size exclusion chromatograph of NH2 terminated PEG-b-CL

PEG Block: M_n=5,500, M_w=6,400, PI=1.15
NH2-EG-b-CL: 5,500-b-37,000 Mw/Mn:1.6