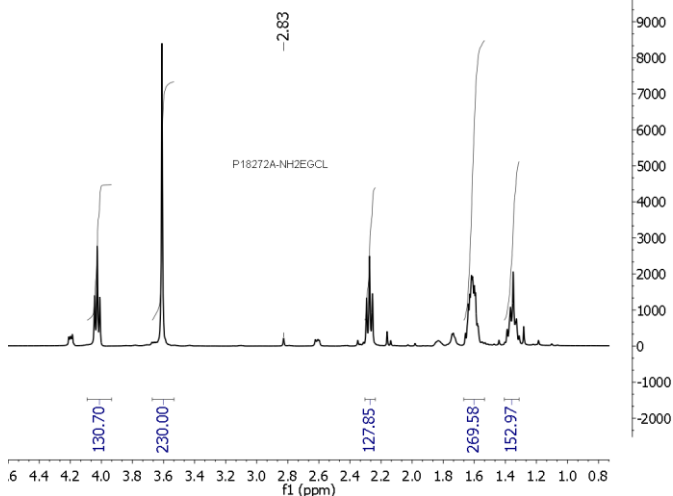
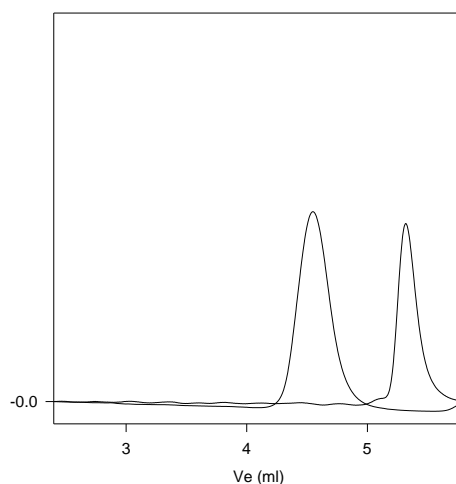


¹H NMR of the diblock copolymer:



SEC of the block copolymer:

P18272A-NH2EGCL



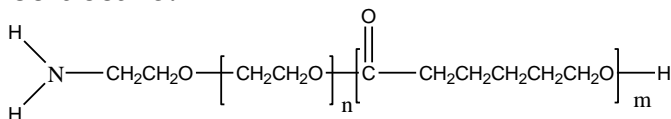
Size exclusion chromatograph of
α, hydroxy ω amino terminated poly(ethylene glycol):
M_n=2500, M_w=2,600, PI=1.06 NH₂ functionality> 99%
NH₂EGCLMn 2500-b-7,500 Mw/Mn 1.2
Mn determined by HNMR and the distribution by SEC

Sample Name:

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

Sample #: **P18272A- NH2EGCL**

Structure:



Composition:

Mn x 10 ³ NH ₂ EG-b-PCL	PDI	NH ₂ functionality
2.5-b-7.5	1.2	>99%

Characterization:

By combination of anionic and coordination ring opening polymerization process.

α-NH₂-ω-OH terminated PEG used in this polymer synthesis

Chemical shifts assignment for the NH₂-PEG-OH

