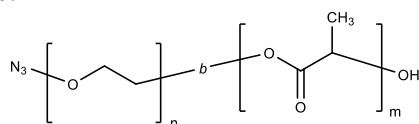


Sample Name: Poly(ethylene oxide)-b-poly(lactide), **α -azide-terminated**

Sample #: P43634C-N3EGLA (DL form)

Structure:

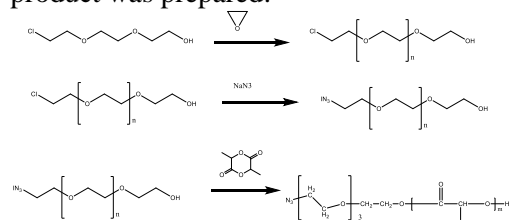


Composition:

N3EG-b-LA Mn x 10 ³	PDI
1.0-b-0.6	1.6

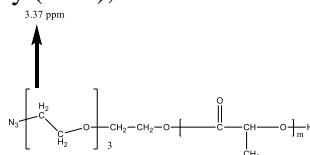
Synthesis Procedure:

The product was synthesized by modification of end group. The following reaction scheme shows how the product was prepared:

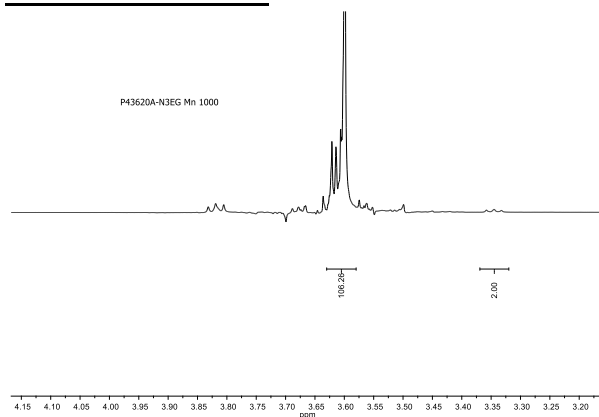


Characterization:

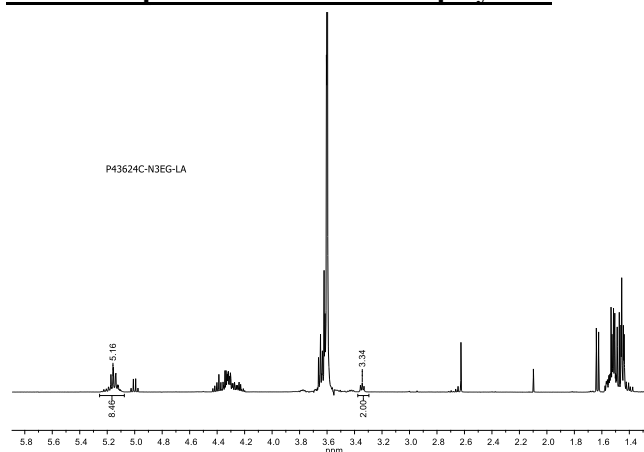
The product was characterized by size exclusion chromatography (SEC), and ¹H NMR.



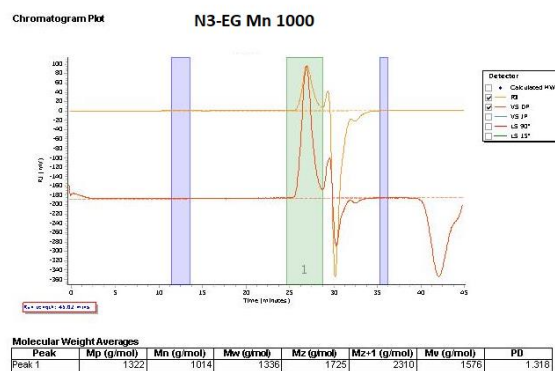
HNMR spectrum of α -azide- ω -OH terminated PEG: Lot # P43620A



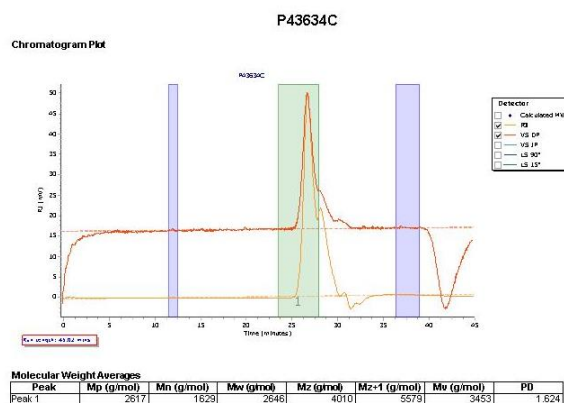
¹H-NMR Spectrum of the block copolymer:



SEC profile of the Polymer PEG-LAOH:



SEC elugram of the polymer:



Composition calculated from HNMR and Mw/Mn by GPC.