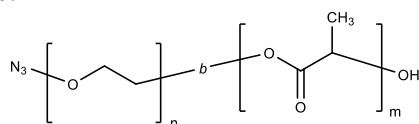


**Sample Name:** Poly(ethylene oxide)-b-poly(lactide),  **$\alpha$ -azide-terminated**

**Sample #:** P43638-N3EGLA (DL form)

**Structure:**

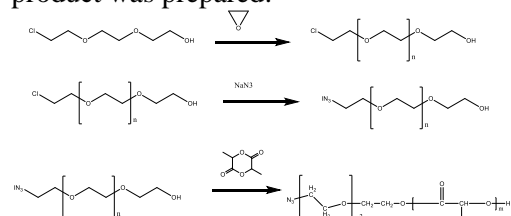


**Composition:**

N3EG-b-LA Mn x 10 <sup>3</sup>	PDI
1.0-b-1.4	1.2

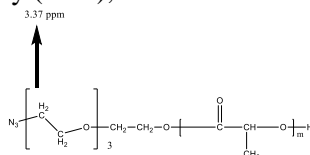
**Synthesis Procedure:**

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

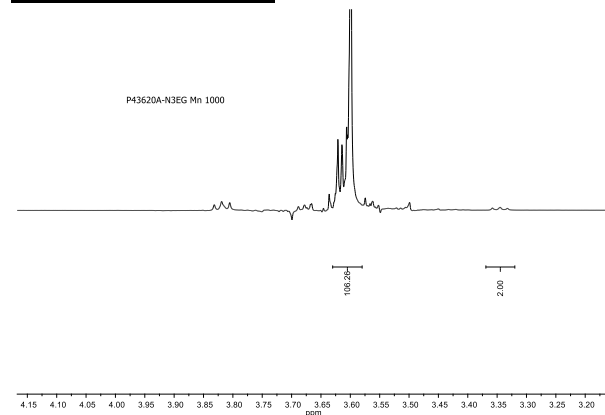


**Characterization:**

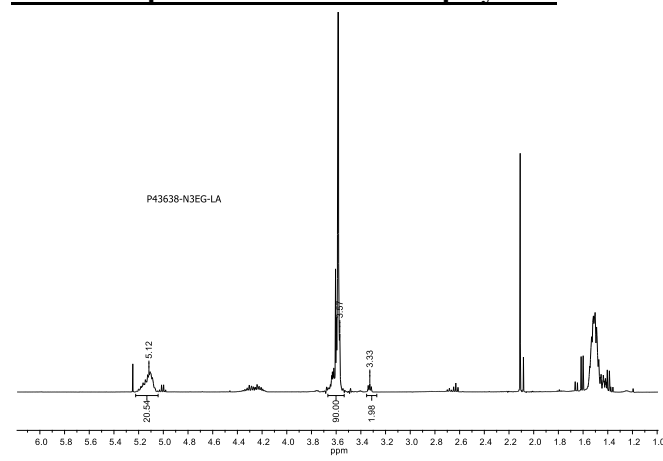
The product was characterized by size exclusion chromatography (SEC), and <sup>1</sup>H NMR.



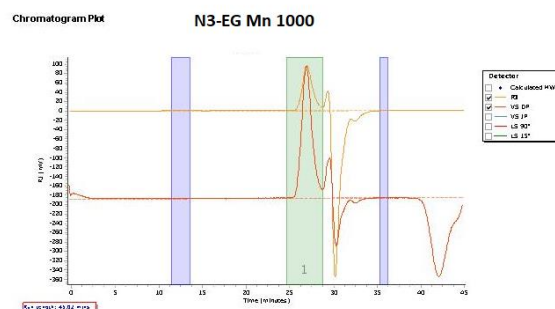
**HNMR spectrum of  $\alpha$ -azide- $\omega$ -OH terminated PEG: Lot # P43620A**



**<sup>1</sup>H-NMR Spectrum of the block copolymer:**

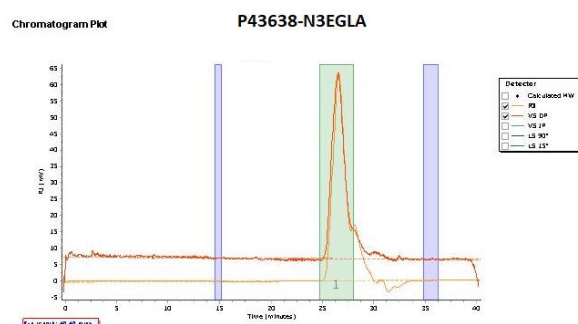


**SEC profile of the Polymer PEG-LAOH:**



Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mw (g/mol)	PDI
Peak 1	1322	1014	1336	1725	2310	1576	1.318

**SEC elugram of the polymer:**



Composition calculated from HNMR and Mw/Mn by GPC.