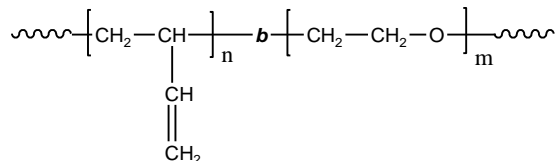


**Sample Name:** Poly(butadiene-b-ethylene oxide)  
*Poly butadiene rich in 1,2 microstructures*

**Sample #:** P41690A-BdEO

**Structure:**



**Composition:**

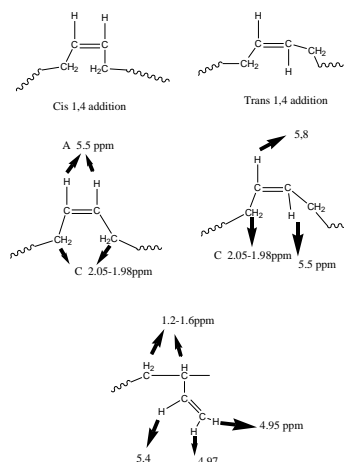
Mn x 10 <sup>3</sup> Bd-b-EO	Mw/Mn (PDI)	% 1,2 addition Butadiene
1.9-b-1.6	1.02	95%

**Synthesis Procedure:**

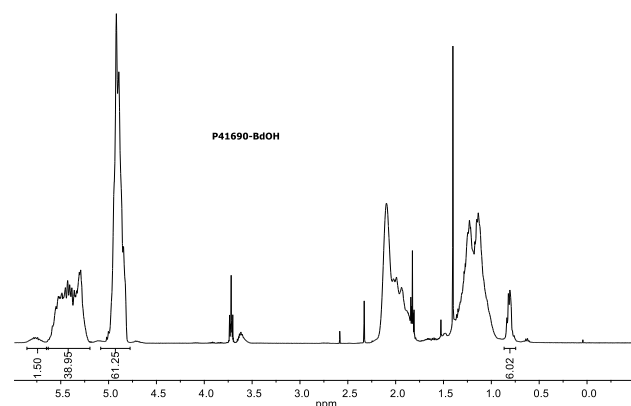
The polymer was synthesized by anionic process using cumyl potassium initiator.

**Characterization:**

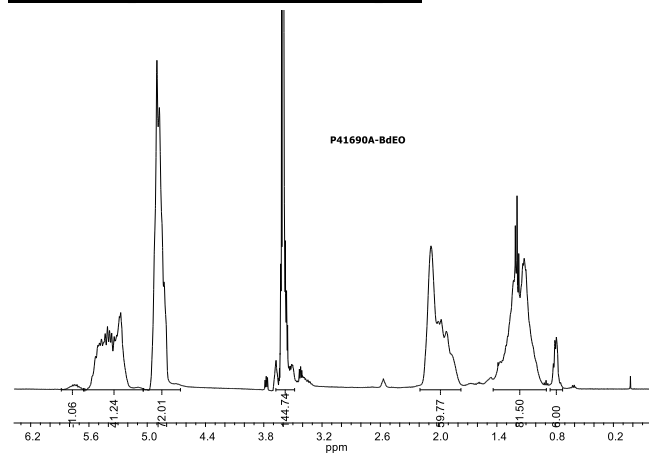
The product was characterized by size exclusion chromatography (SEC) and <sup>1</sup>HNMR.



**<sup>1</sup>HNMR spectrum of the BdOH Sample:**

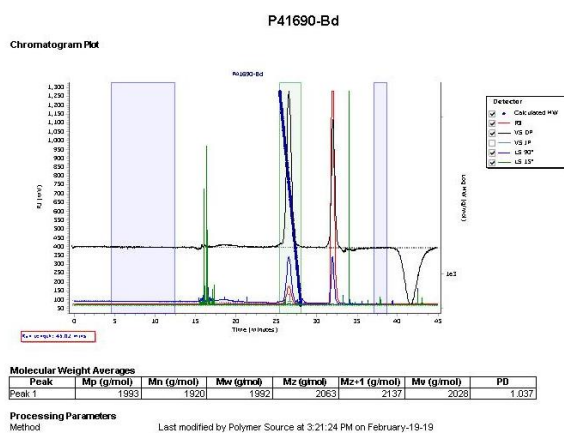


**<sup>1</sup>H NMR spectrum of the Sample:**



**SEC elugram of the Bd Block:**

Agilent GPC/SEC Software



**SEC elugram of the sample:**

Agilent GPC/SEC Software

