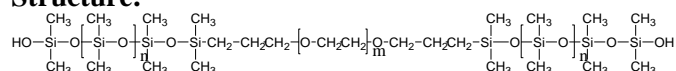


Sample Name: Poly(dimethyl siloxane-b-ethylene oxide-b-dimethyl siloxane)

Sample #: P44028F2-DMSEODMS

Structure:



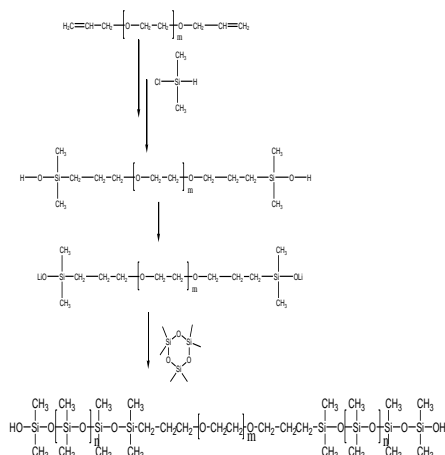
Composition:

Mn x 10 ³ PDMS-b-PEO-b-PDMS	PDI
0.8-b-4.0-b-0.8	1.4

Dp: 11-b-90-b-11 From HNMR

Synthesis Procedure:

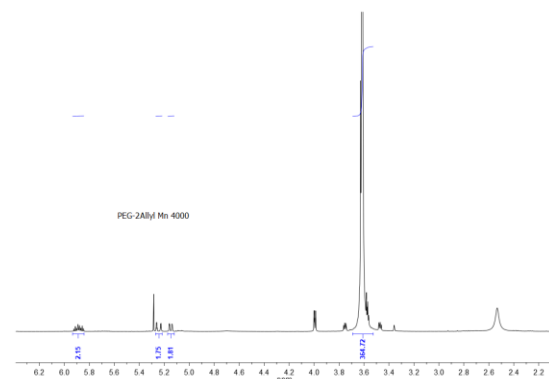
The polymer can be obtained by one of the following routes:



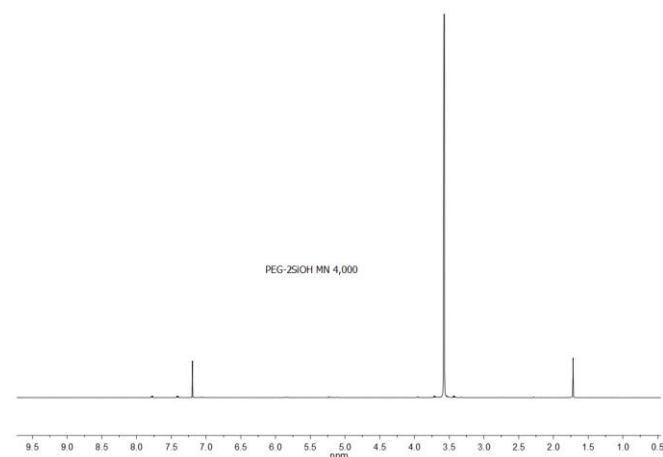
Characterization:

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

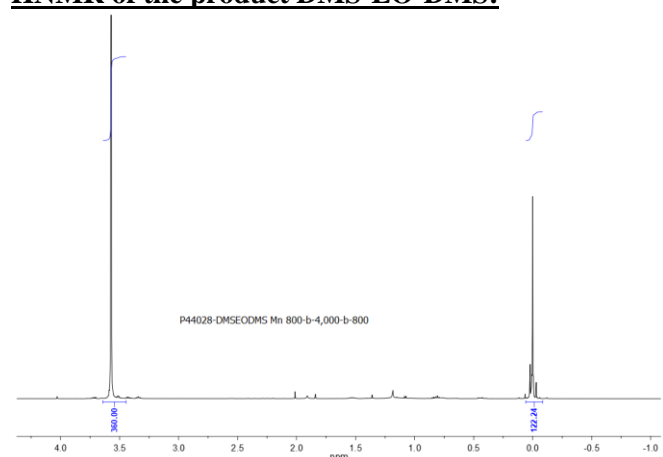
¹H-NMR of allyl terminated PEO Mn 4,000



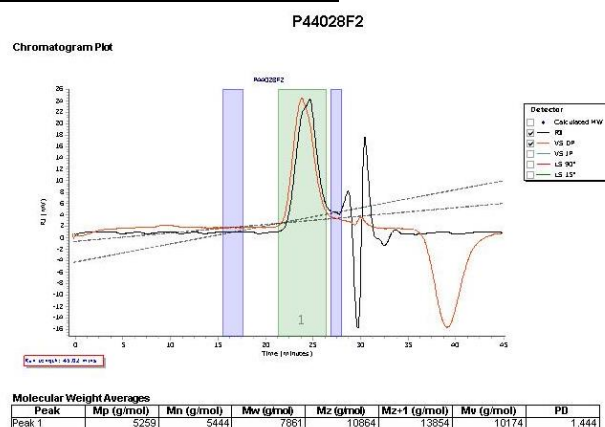
¹H-NMR Spectrum of the EG-2SiOH terminated:



HNMR of the product DMS-EO-DMS:



SEC profile of the polymer:



Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mo (g/mol)	PD
Peak 1	5259	5444	7861	10864	13854	10174	1.444