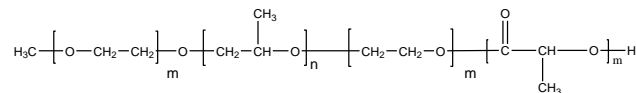


Sample Name: Monomethoxy Poly (ethylene oxide-b-propylene oxide -b- ethylene oxide)-b-lactide) tetrablock copolymer α - Monomethoxy- ω -hydroxy terminal ends

Sample #: P41654A-EOPOEOLA

Structure:



Composition:

| Mn x 10 ³ EO-b-PO-b-EO-b-LA | PDI |
|---|-----|
| 4.2-b-1.3-b-2.6-b-12.0 | 1.3 |
| Dp:95-b-23-b-59-166 | |

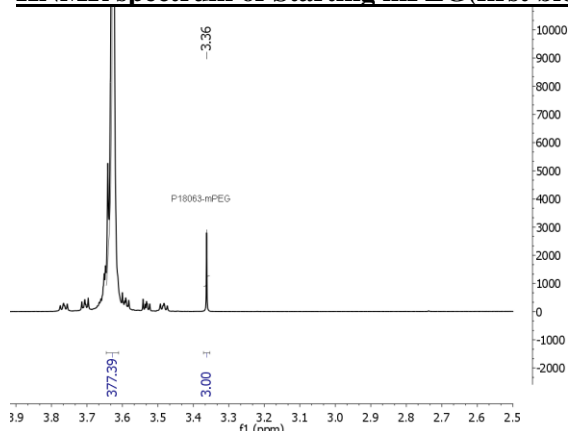
Synthesis Procedure:

The polymer was synthesized by anionic polymerization process.

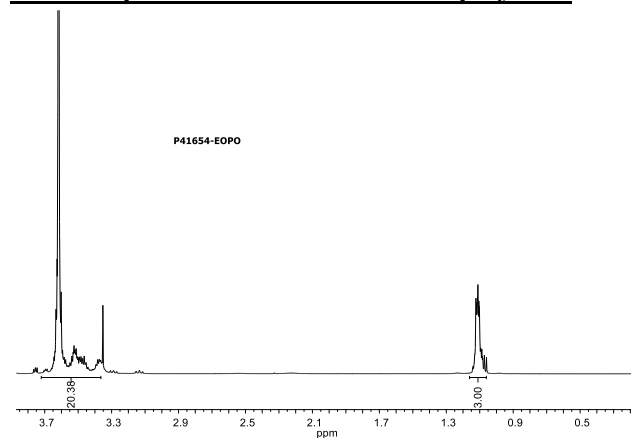
Characterization:

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

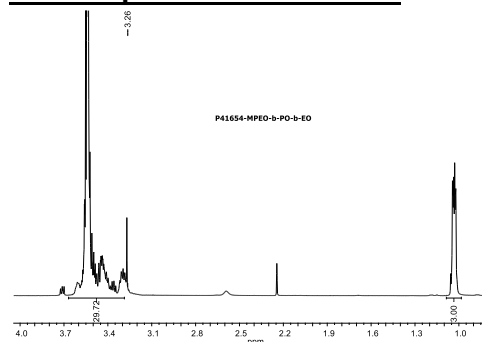
HNMR spectrum of Starting mPEG(first block):



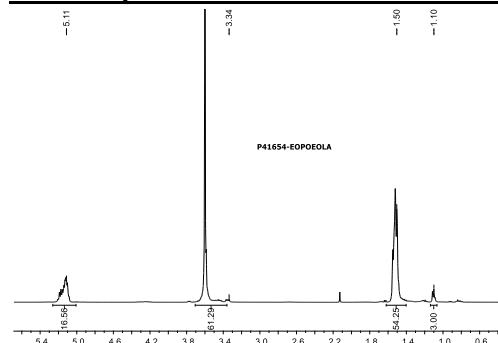
HNMR spectrum of EOPO diblock polymer:



HNMR spectrum of EOPOEO:

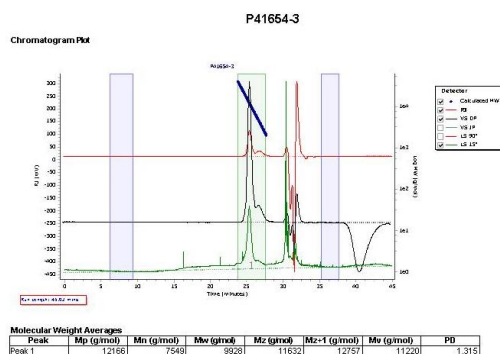


HNMR spectrum of EOPOEOLA tetrablock:



SEC elugram of the EOPOEO polymer:

Agilent GPC/SEC Software



SEC elugram of the Sample:

Agilent GPC/SEC Software

