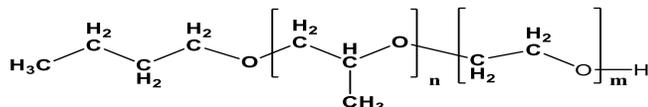


Sample Name:
Poly(Propylene oxide-b-Ethyleneoxide)

Sample #: P42430B-POEO

Structure:



Composition:

$M_n \times 10^3$ (g/mol) PO-b-EO	M_w/M_n
3.1-b-9.5	1.13

Synthesis Procedure:

Poly(Propylene oxide-ethylene oxide) diblock copolymer was prepared by living anionic polymerization.

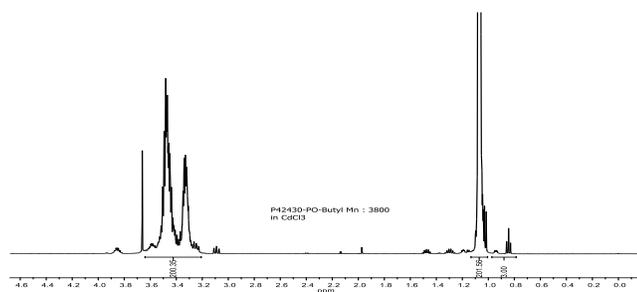
Characterization:

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

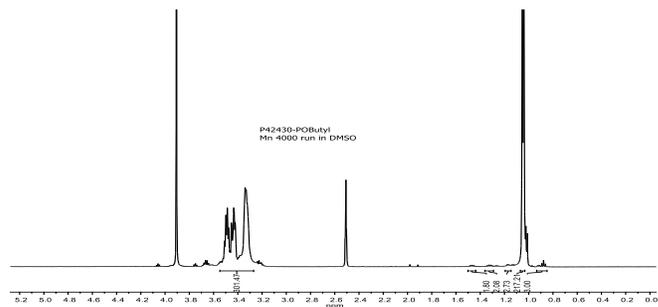
Solubility:

Poly(ethylene oxide-b-propylene oxide) is soluble in chloroform, THF, methanol and ethanol. The polymer precipitates from hexane and ether.

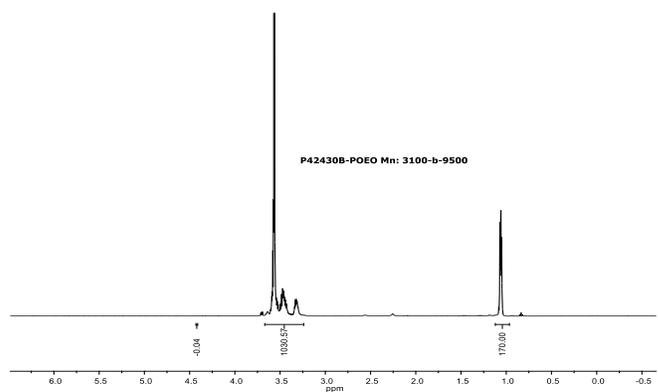
¹H-NMR spectrum of lot# P42430-PO-OBu in CdCl3 500MHZ:



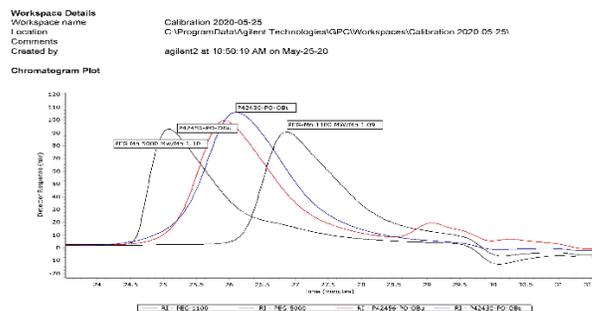
¹H-NMR spectrum of lot# P42430-PO-OBu in DMSO 500MHZ:



¹H-NMR spectrum of lot# P42430B-POEO in CdCl3:



SEC elugram of lot#P42430-PO-OBu:



SEC elugram of P42430B-POEO:

