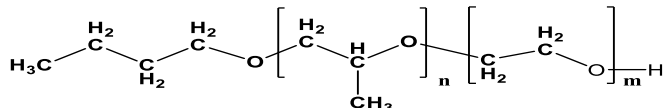


Sample Name:
Poly(Propylene oxide-b-Ethyleneoxide)

Sample #: P42456A-POEO

Structure:



Composition:

$M_n \times 10^3$ (g/mol) PO-b-EO	M_w/M_n
3.3-b-13.0	1.10

Synthesis Procedure:

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

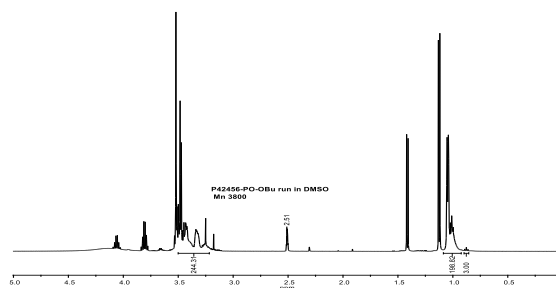
Characterization:

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

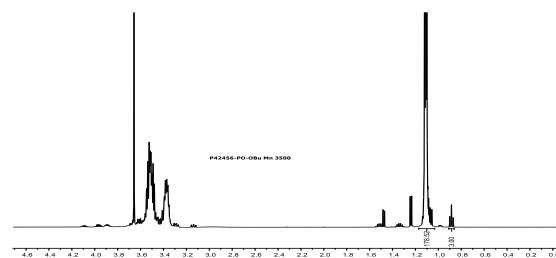
Solubility:

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

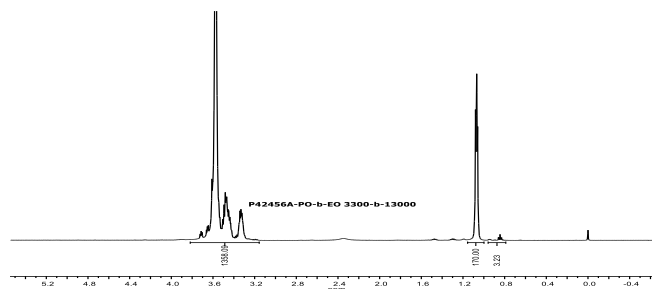
^1H -NMR spectrum of lot# P42456-PO-OBu in DMSO 500MHZ:



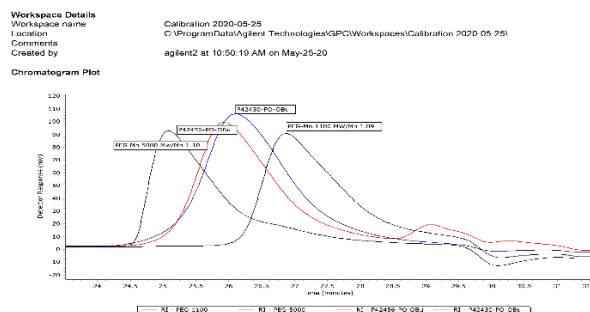
^1H -NMR spectrum of lot# P42456-PO-OBu in CdCl_2 500MHZ:



^1H -NMR spectrum of P42456A-POEO:



SEC elugram of P42456-PO-OBu:



SEC elugram of P42456A-POEO:

