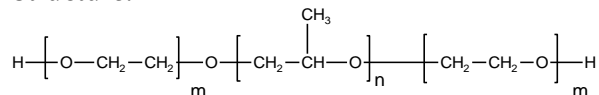


Sample Name:

Poly(ethylene oxide-b- propylene oxide -b- ethylene oxide) α - ω -dihydroxy terminal ends

Sample #: P19108-EOPOEO

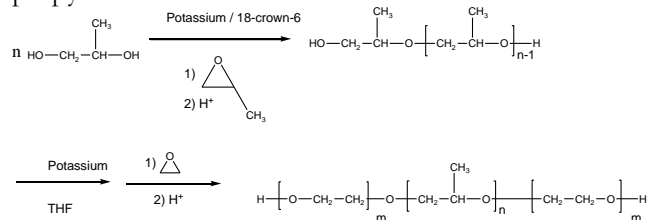
Structure:

**Composition:**

$M_n \times 10^3$	PDI
1.6-b-3.2-b-1.6	1.09
Dp: 36-b-55-b-36	

Synthesis Procedure:

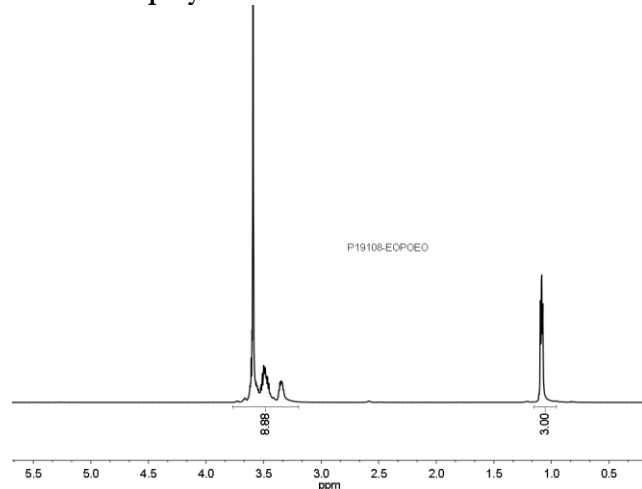
Poly(ethylene oxide-b- propylene oxide -b- ethylene oxide) is prepared by living anionic polymerization with sequence addition of monomer EO and propylene oxide.

**Characterization:**

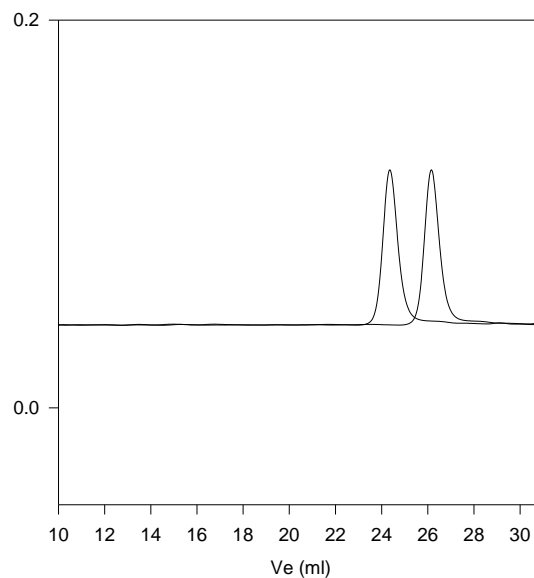
BY SEC and HNMR analysis

Solubility:

Polymer is soluble in THF, CHCl_3 , and toluene.

HNMR of polymer:**SEC of Sample:**

P19108- EOPOEO



Size Exclusion Chromatography of Poly(propylene glycol):

$M_n = 3200$, $M_w = 3300$, $PI = 1.05$

Block Copolymer: EO-b-PO-EO M_n 1600-b-3200-b-1600 M_w/M_n 1.09