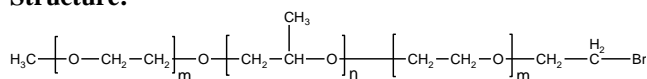


**Sample Name:**

**Mono bromo end Functionalized Poly(ethylene oxide-b- propylene oxide -b- ethylene oxide)**

**Sample #: P11312-EOPOEOBr**

**Structure:****Composition:**

Mn x 10 <sup>3</sup>	PDI
0.4-b-1.4-b-0.3	1.09

**Synthesis Procedure:**

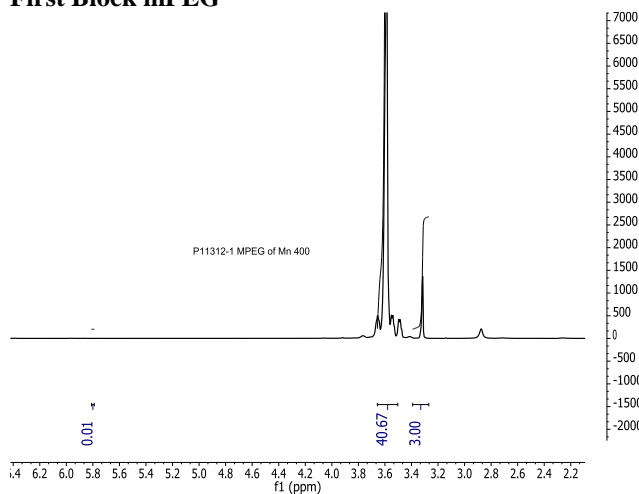
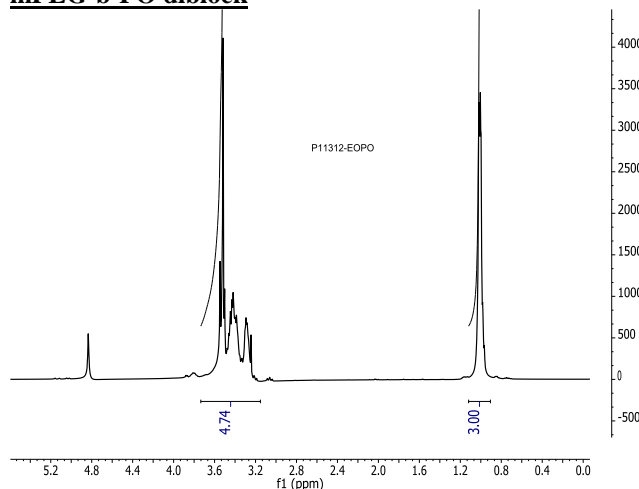
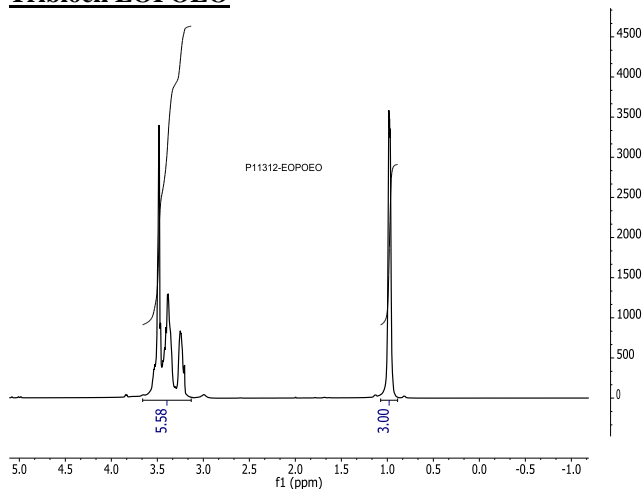
Poly(ethylene oxide-b- propylene oxide -b- ethylene oxide) is prepared by living anionic polymerization with sequence addition of monomer EO and propylene oxide. Functionalization was carried out in toluene using thionyl bromide.

**Characterization:**

The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector.

**Solubility:**

Polymer is soluble in THF, CHCl<sub>3</sub>, and toluene.

**First Block mPEG****mPEG-b-PO diblock****Triblock EOPOEO****SEC of Sample:**