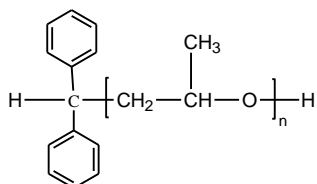


Sample Name: Polypropylene glycol Diphenyl end terminated

Sample #: P42434-PO-diphenyl

Structure:

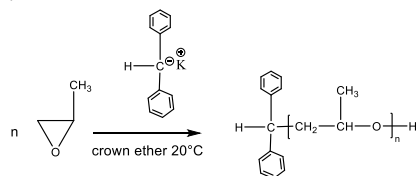


Composition:

Mn x 10 ³	PDI
9.0	1.05

Synthesis Procedure:

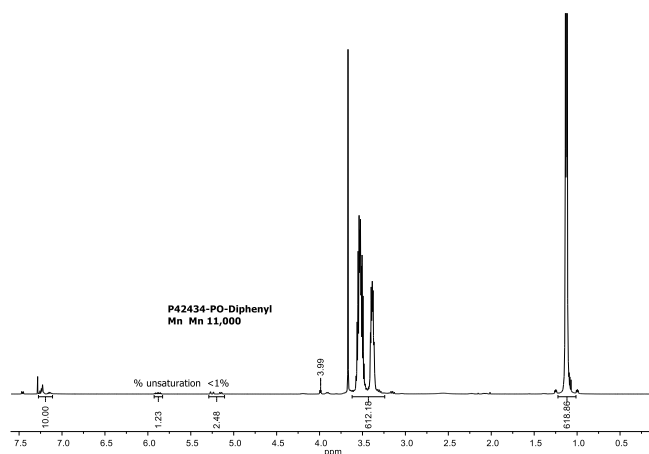
Polypropylene oxide is synthesized by anionic polymerization of propylene oxide as illustrated in the reaction scheme below



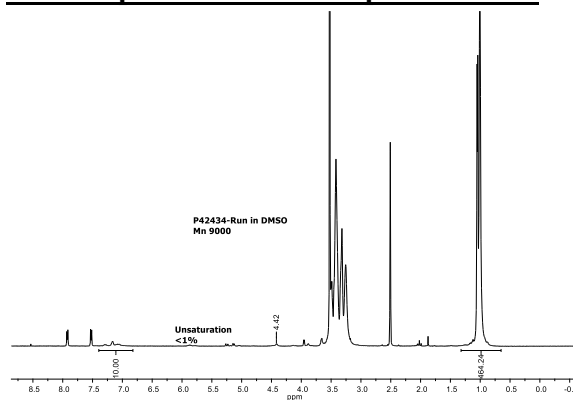
Characterization:

The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography.

¹H NMR spectra of the Polymer in CdCl₃:



HNMR spectrum of the Sample in DMSO:



SEC elugram of Homopolymer:

P42434-PO-DPI

