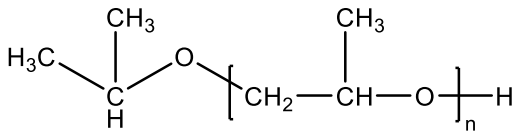
Sample Name:
Polypropylene glycol isopropyl ether

Sample #: **P42434I-PO-OiPr**

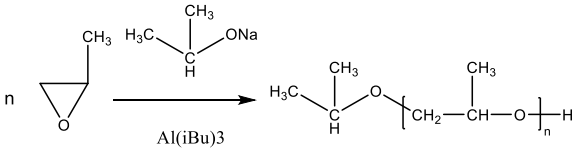
Structure:



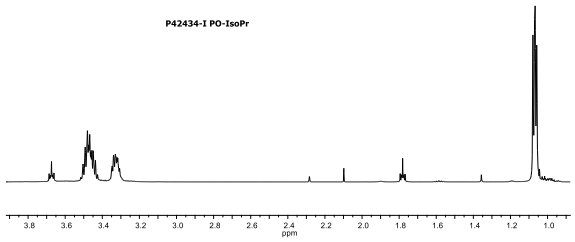
Composition:

Mn x 10^3	PDI
13.0	1.6

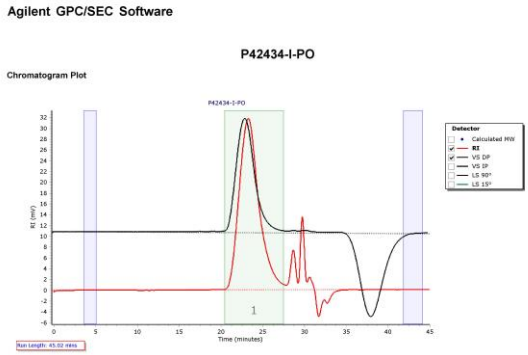
Synthesis Procedure:
Polypropylene oxide is synthesized by anionic polymerization of propylene oxide as illustrated in the reaction scheme below.



^{1}H NMR spectra of the Polymer in CdCl3:



SEC elugram of Homopolymer:



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	20234	13288	21464	29938	38196	28308	1.615