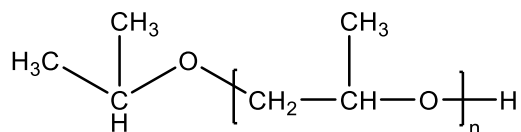


Sample Name:
Polypropylene glycol isopropyl ether

Sample #: **P42434J-PO-OiPr**

Structure:

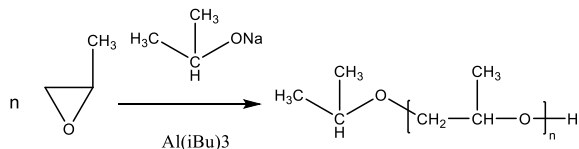


Composition:

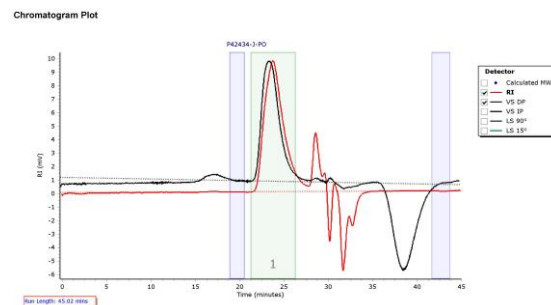
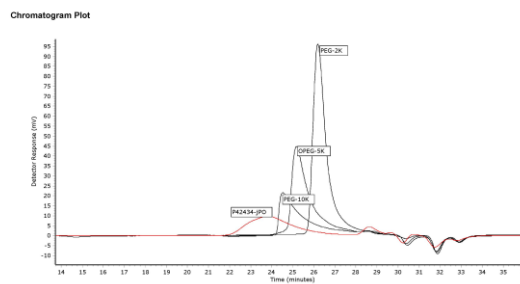
$\text{Mn} \times 10^3$	PDI
7.0	1.4

Synthesis Procedure:

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



SEC elugram of Homopolymer:



Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	10143	7291	10517	14008	17238	13099	1.442