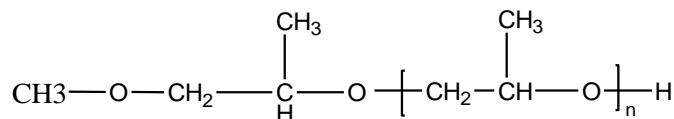
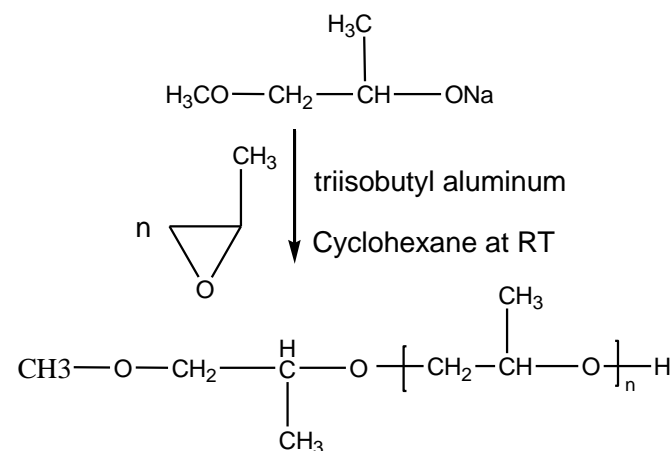
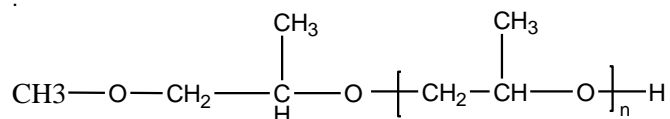
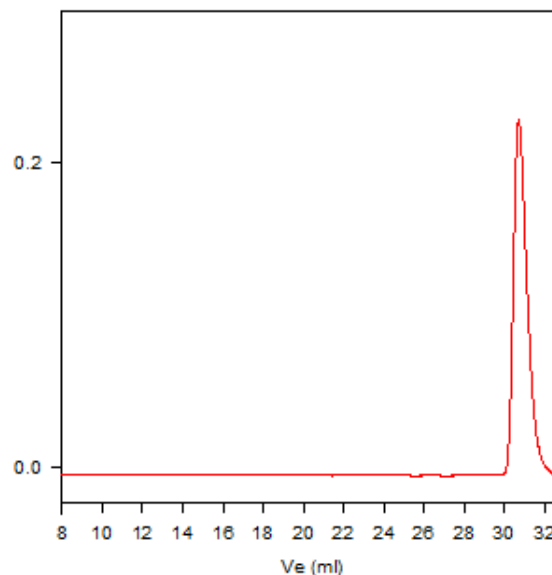


Sample Name: **α -methyl ether-terminated-poly propylene oxide or
Poly propylene glycol methyl ether****SEC of Homopolymer:****Sample #: P9218-POOH3****Structure:****Composition:**

$M_n \times 10^3$	PDI
0.206	1.04

Synthesis Procedure:

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

**P9218-POOH3**

Size Exclusion Chromatography of Poly(propylene glycol) methyl ether
 $M_n = 206$, $M_w = 214$, $PI = 1.04$

Characterization:

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

Purification:

Polymer purified by passing through Al_2O_3 packed column to remove the catalytic impurities.