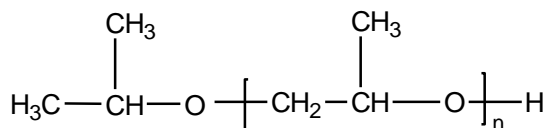


Sample Name:

α -Isopropyl ether-terminated-poly propylene oxide

Sample #: **P8983-POOH4**

Structure:

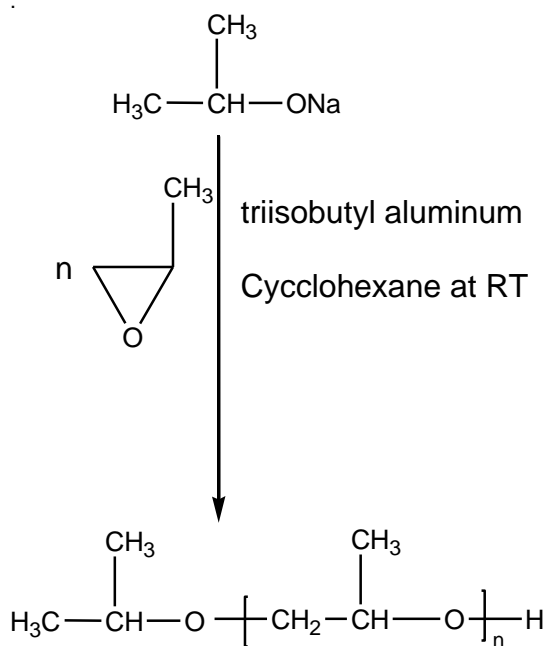


Composition:

$M_n \times 10^3$	PDI
6.0	1.45

Synthesis Procedure:

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



Characterization:

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

Purification:

Polymer purified by passing through Al₂O₃ packed column to remove the catalytic impurities.

SEC of Homopolymer:

P8983-POOH

