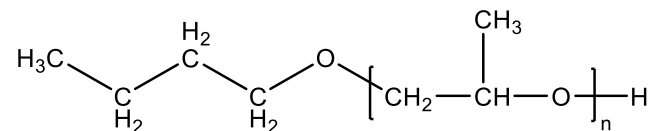


**$\alpha$ , butyl ether-terminated-polypropylene oxide**

**Structure:**



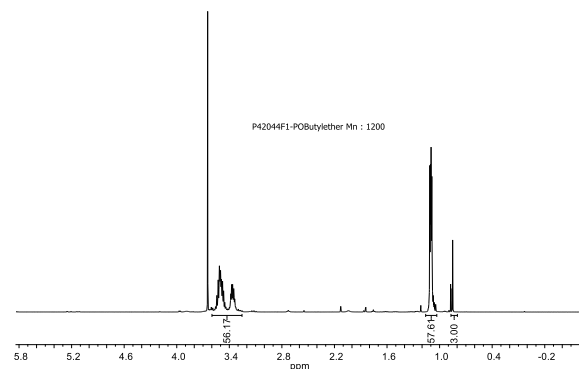
**Composition:**

Mn x 10 <sup>3</sup>	PDI
1.2	1.22

Polypropylene oxide is synthesized by anionic polymerization of propylene oxide using n- butyl alcohol cesium salt at 135°C.

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

**HNMR of the polymer:**



**SEC elugram of Homopolymer:**

Agilent GPC/SEC Software

