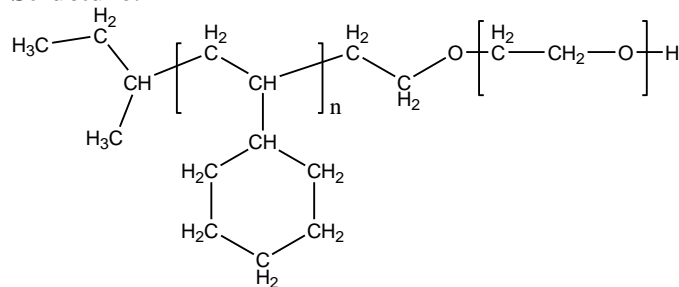


Sample Name:

**Poly Cyclohexyl ethylene-b-ethylene oxide)**

Sample #: **P40405A-VCHEO**

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
5.5-b-14.0	1.09
T <sub>g</sub> (°C)	92
% unsaturation on Benzene rings α-methylstyrene	<5%

**Synthesis Procedure:**

Poly Cyclohexyl ethylene-b-ethylene oxide) is obtained by anionic polymerization process using OH terminated PVCH-OH.

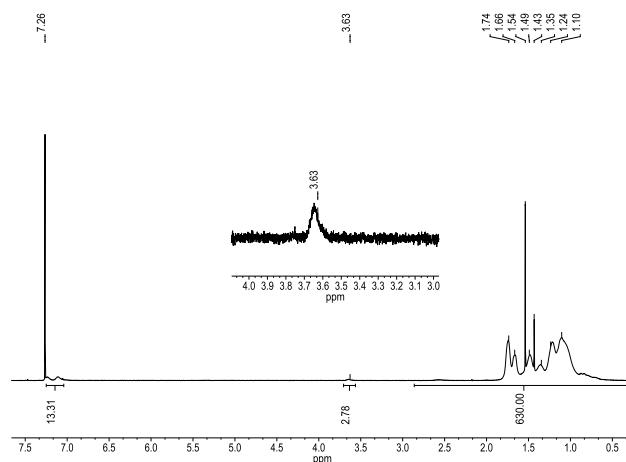
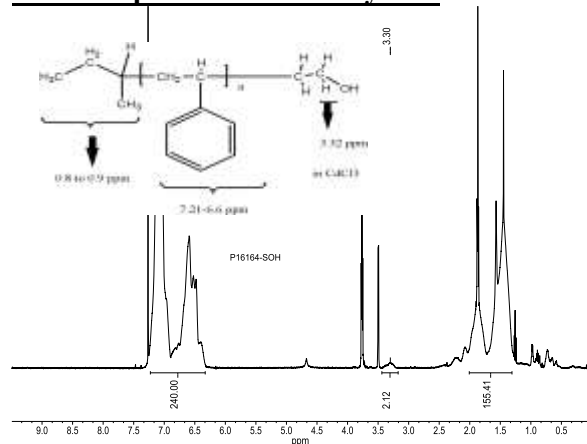
**Characterization:**

The product was characterized by size exclusion chromatography (SEC) and <sup>1</sup>H NMR.

**Solubility:**

Polymer is soluble in toluene, THF, CHCl<sub>3</sub> and can be precipitated in water and cold methanol.

**<sup>1</sup>H NMR spectrum of the Polymer:**



**SEC elugram of the Sample:**

**P40405A-VCH-EO**

