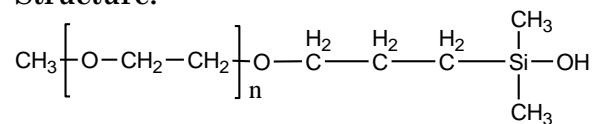


Sample Name:

**Silanol end functionalized  
Poly(ethylene glycol) methyl ether**  
Sample #: P18958A-EGOCH3SiOH

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
5.5	1.08
Functionality -SiOH	>99%

**Synthesis Procedure:**

Anionic polymer and modification of end group to silanol.

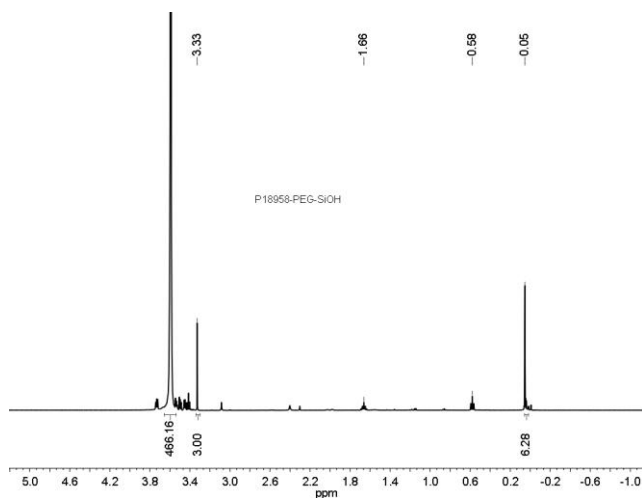
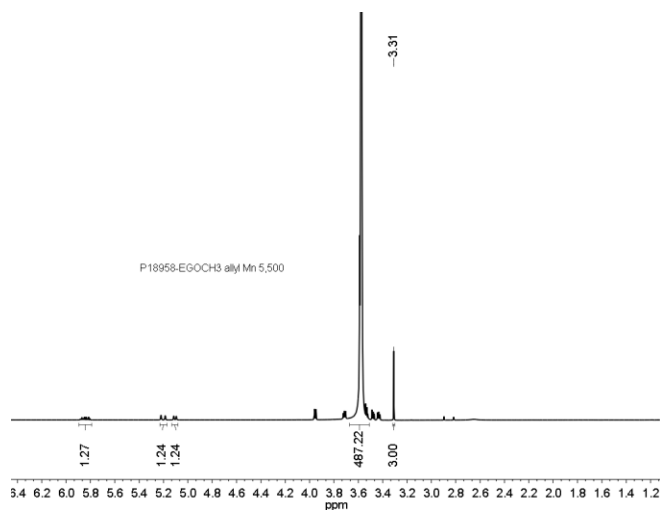
**Characterization:**

BY SEC , HNMR and FTIR .

**Solubility:**

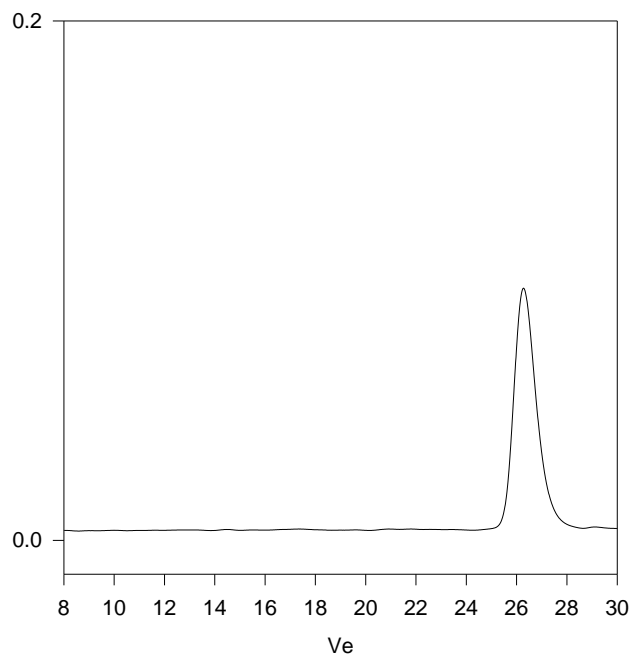
Polymer is soluble in water, methanol and ethanol, THF, CHCl<sub>3</sub>. It is precipitated out from cold ethanol, isopropanol, hexane and ether.

**H NMR:**



**SEC of Sample:**

**P18958-EGOCH3Allyl**



Size Exclusion Chromatography of the Polymer:

M<sub>w</sub>= 5,500, M<sub>n</sub>=6,000, M<sub>w</sub>/M<sub>n</sub>=1.08