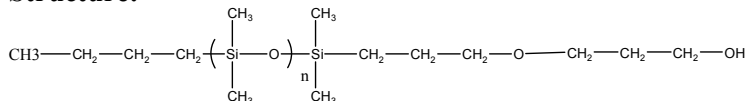


Sample Name:

**Hydroxy (carbinol) Terminated
Polydimethylsiloxane-Monofunctional**

Sample #: P40540-DMSOH

Structure:



Composition:

Mn x 10 ³	PDI
2.2	1.14

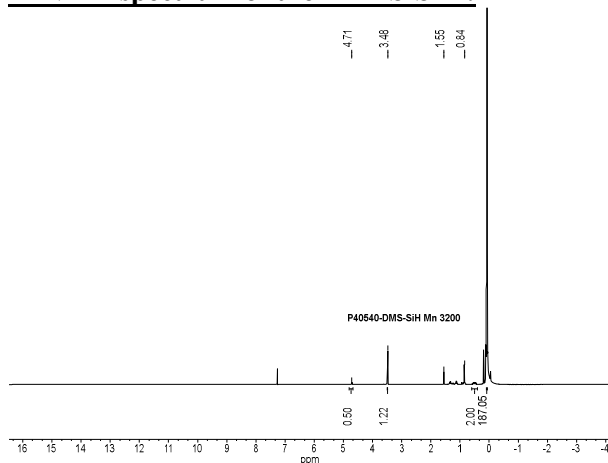
Synthesis Procedure:

Monohydroxyl (carbinol) terminated poly (dimethyl siloxane) was prepared by living anionic polymerization of hexamethyl cyclotrisiloxane. For the details please see the reference.

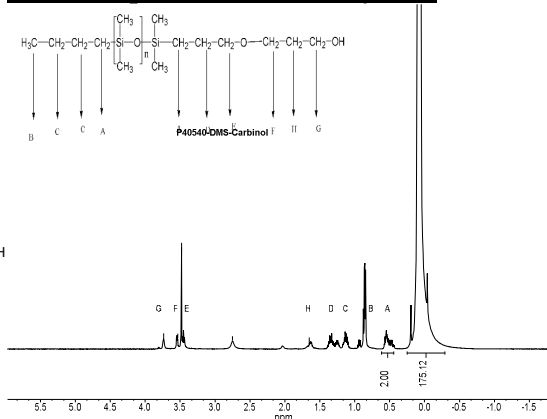
Characterization:

The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector.

¹HNMR spectrum of the PDMS-SiH:

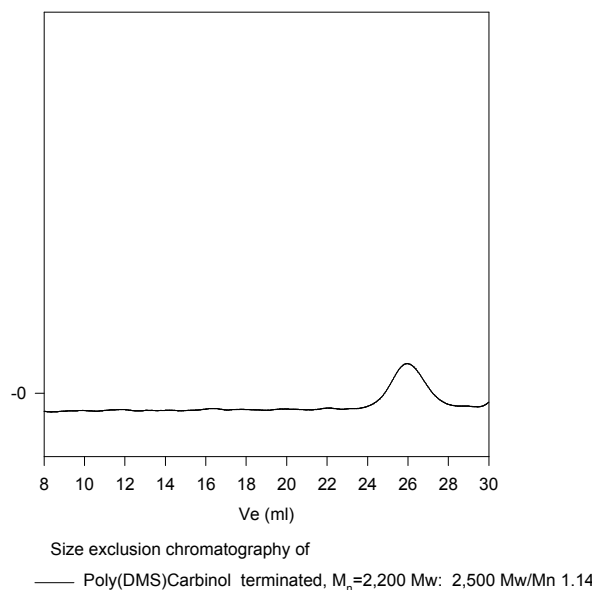


¹HNMR spectrum of the Polymer:



SEC elugram of the Polymer:

P40540-DMSOH



Reference:

J.X. Zhang, S.K. Varshney, "Simple Approach for the Scale-up Production of Block Copolymer of Polydimethylsiloxane with (Meth)acrylic Ester Monomers" Designed Monomers and Polymers, 2002, 1, 79.