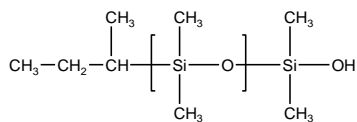


Sample Name: Polydimethyl siloxane
Mono silanol end terminal group

Sample #: P44372-DMS-Silanol

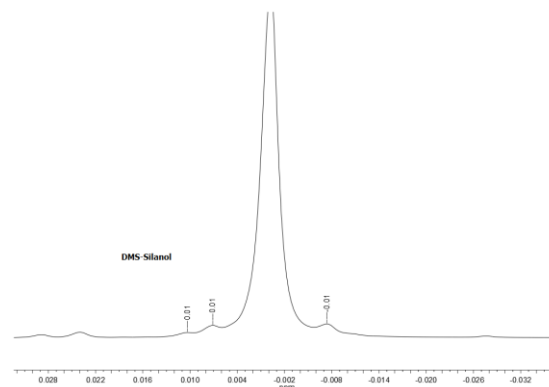
Structure:



Composition:

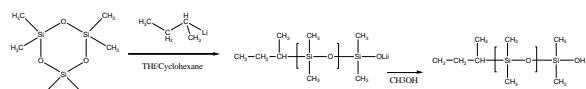
Mn x 10 ³	PDI
10.0	1.28

¹H NMR spectrum of Homopolymer:

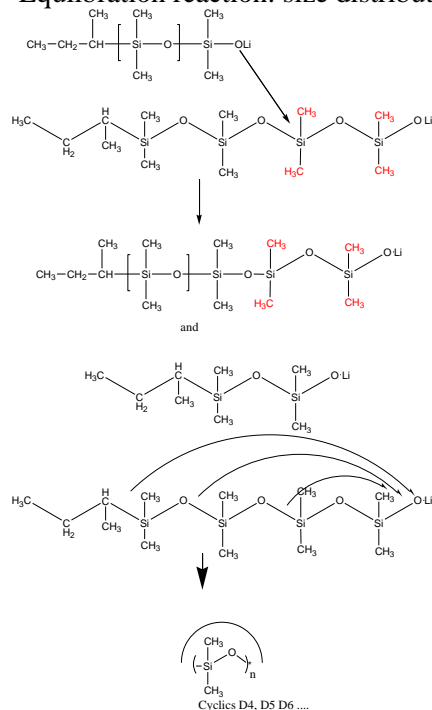


Synthesis Procedure:

The polymer was synthesized by anionic polymerization process:



Equilibration reaction: size distribution



Characterization:

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

Solubility:

Polysiloxane is soluble in hexane, toluene, cyclohexane, THF and chloroform but precipitates from methanol and ethanol.

SEC elugram of Homopolymer:

