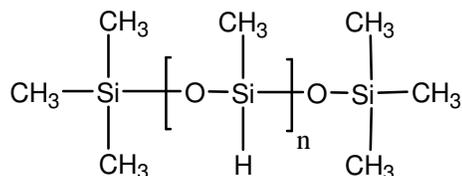


Sample Name: Poly(methyl siloxane)

Sample #: P19718-MS

Structure:



Composition:

Mn x 10 ³	PDI
2.6	1.3

Synthesis Procedure:

The polymer was synthesized by condensation polymerization using methyl dichlorosilane and end capping with Trimethyl chlorosilane

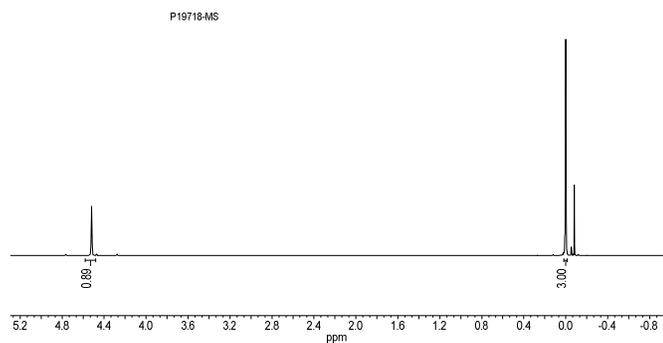
Characterization:

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

Solubility:

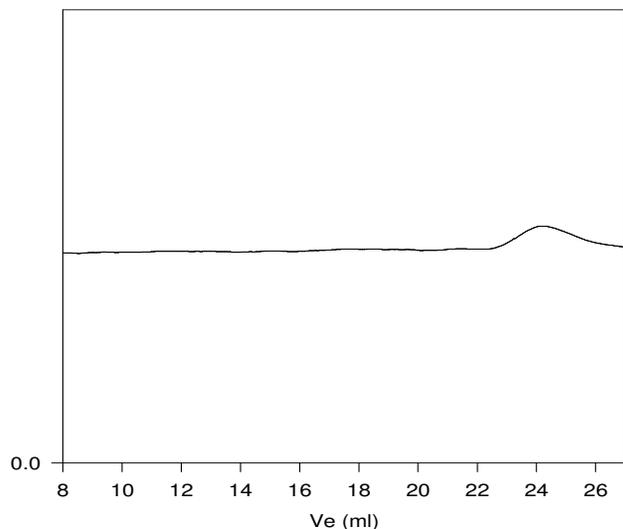
Polysiloxane is soluble in hexane, toluene, cyclohexane, THF and chloroform.

¹H NMR spectrum of Homopolymer:



SEC of Homopolymer:

P19718-MS



Size Exclusion Chromatography in THF at 35 °C w.r.t PDMS standards.

M_n = 2,600, M_w = 3,400, PI = 1.3