

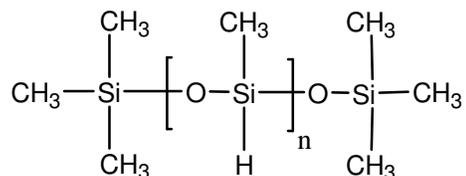
Sample Name: Poly(methyl siloxane)

SEC elugram of Homopolymer:

Sample #: P19714B-MS

P19714B-MS

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
0.8	1.18

**Synthesis Procedure:** The polymer was synthesized by condensation polymerization using methyl dichlorosilane and end capping with Trimethyl chlorosilane.

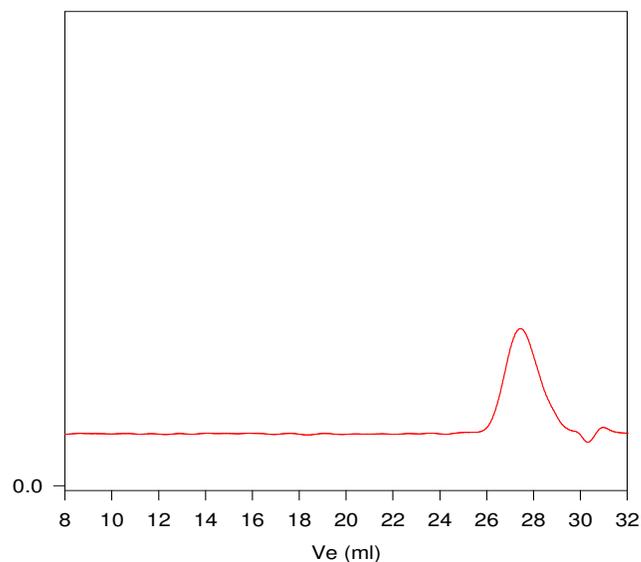
**Characterization:**

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

**Solubility:**

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

**<sup>1</sup>H NMR spectrum of Homopolymer:**



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

M<sub>n</sub> = 800, M<sub>w</sub> = 950, PI = 1.18

