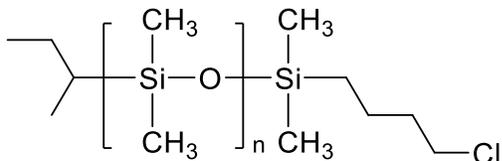


Sample Name: **ω -Chloro-terminated Polydimethylsiloxane****Sample # P1291-DMSCI****Structure:****Composition:**

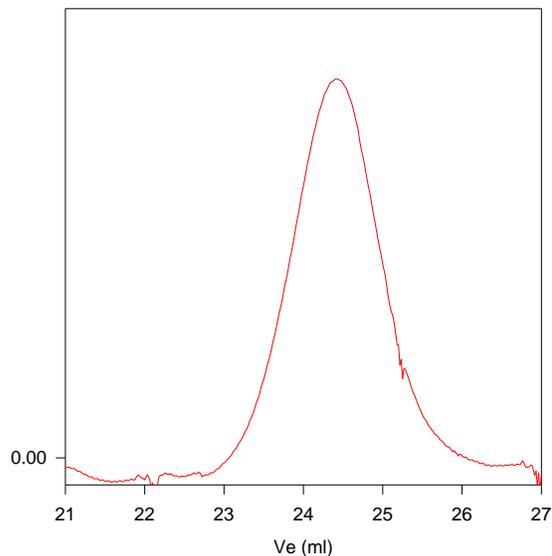
$M_n \times 10^3$ (g/mol)	M_w/M_n
2.6	1.16

Synthesis procedure:

Chloro-terminated poly(dimethyl siloxane) was synthesized by anionic polymerization process.

Characterization:

The molecular weight and polydispersity index were determined by size exclusion chromatography (SEC). The chemical structure and purity were confirmed by proton NMR spectroscopy.

SEC chromatogram:**P1291-DMS-Cl**

Size exclusion chromatography of chloro-terminated poly(dimethyl siloxane):

$M_n=2600$, $M_w=3000$, $M_w/M_n=1.16$

 ^1H NMR spectrum: