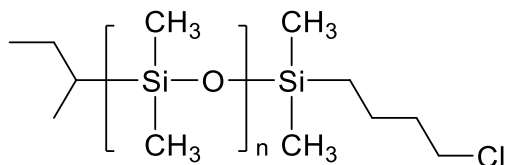


**Sample Name:** **$\omega$ -Chloro-terminated Polydimethylsiloxane****Sample # P1291-DMSCl****Structure:****Composition:**

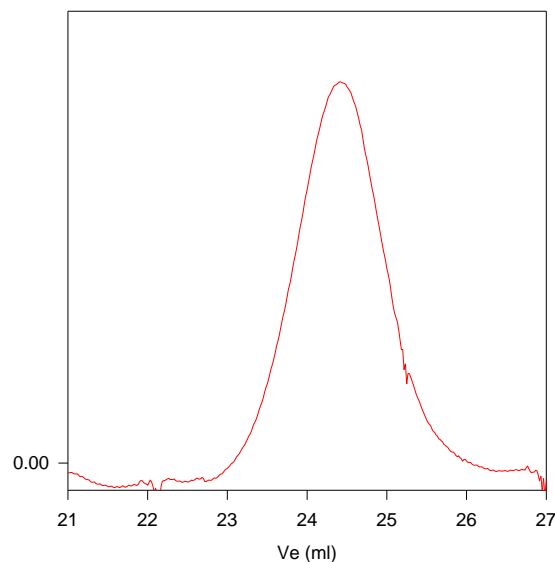
$M_n \times 10^3$ (g/mol)	$M_w/M_n$
2.6	1.16

**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):

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

 **$^1\text{H}$  NMR spectrum:**