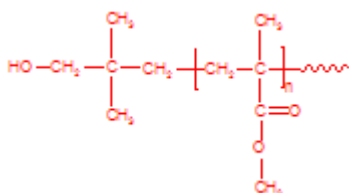


**Sample Name:** Hydroxy Terminated Poly (methyl methacrylate) hydroxyisopentyl terminated

**Sample #:** P2581-MMAOH

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
9.5	1.10

**Synthesis Procedure:**

Hydroxyl terminated poly (methyl methacrylate) was prepared by living anionic polymerization using a hydroxyl protected initiator.

**Characterization:**

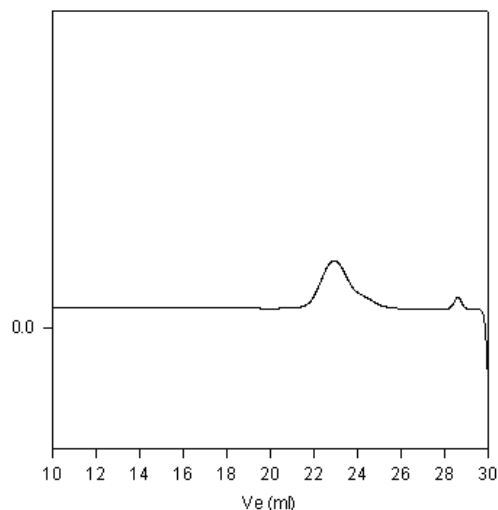
The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography (SEC) in THF. SEC analysis was performed on a Varian liquid chromatograph equipped with refractive and UV light scattering detectors. Three SEC columns from Supelco (G6000-4000-2000 HXL) were used with triple detectors from Viscotek Co.

**Solubility:**

Polymer is soluble in DMF, THF, toluene and CHCl<sub>3</sub>. It precipitates from methanol, ethanol, water and hexanes

**SEC of Sample:**

P2581-MMAOH



Size Exclusion Chromatogram of OH terminated Poly(methyl methacrylate)

— M<sub>n</sub>=9500, M<sub>w</sub>=5700, M<sub>w</sub>/M<sub>n</sub>=1.10