

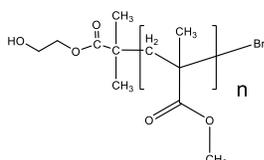
Sample Name:

Poly(methyl methacrylate), α -hydroxypropyl-terminated

Sample ID #: **P43599-MMAOH**

CAS registry number: 9011-14-7

Structure:

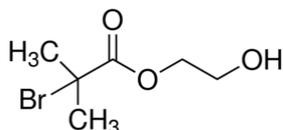


Composition:

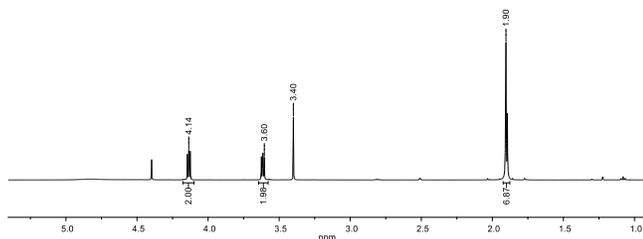
$M_n \times 10^3$ (g/mol)	M_w/M_n
4.3	1.9

Synthesis Procedure:

Poly(methyl methacrylate) was obtained by ATRP process using following ATRP.



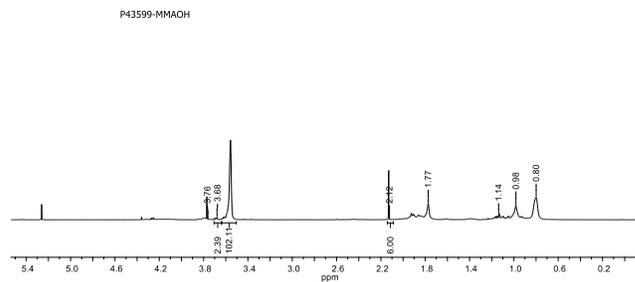
1 H-NMR spectrum of the ATRP:



Characterization:

The molecular weight and polydispersity index of the polymer were determined by size exclusion chromatography (SEC). SEC analysis was performed on Agilent Technologies 1260 Infinity II GPC/SEC system equipped with triple detector, three columns and using tetrahydrofuran (THF) as a mobile phase.

H NMR spectrum of the Sample:



SEC chromatogram of the polymer:

