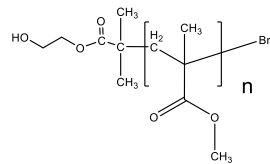


Sample Name:  
Poly(methyl methacrylate),  $\alpha$ -hydroxypropyl-terminated

Sample ID #: P42629A-MMAOH

CAS registry number: 9011-14-7

Structure:



Composition:

$M_n \times 10^3$ (g/mol)	$M_w/M_n$
18.0	1.13

Synthesis Procedure:

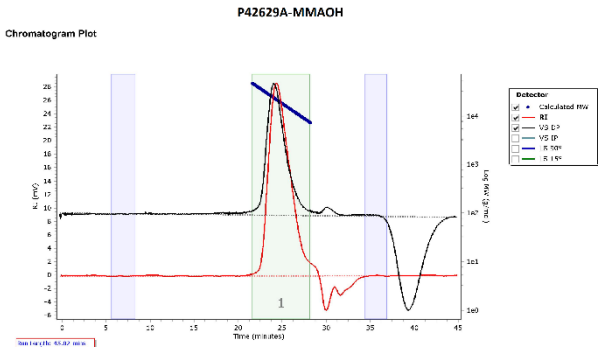
Poly(methyl methacrylate) was obtained by ATRP process.

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.

SEC chromatogram of the polymer:

Agilent GPC/SEC Software



Molecular Weight Averages							PD
Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	
Peak 1	21754	17848	19873	21791	23571	21564	1.113