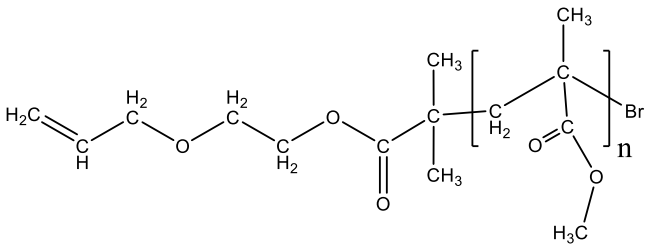
Sample Name: **Poly (methyl methacrylate), α-allyloxy-terminated**

Sample #: **P42298B-MMA-allyloxy**

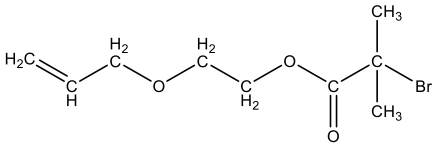
Structure:



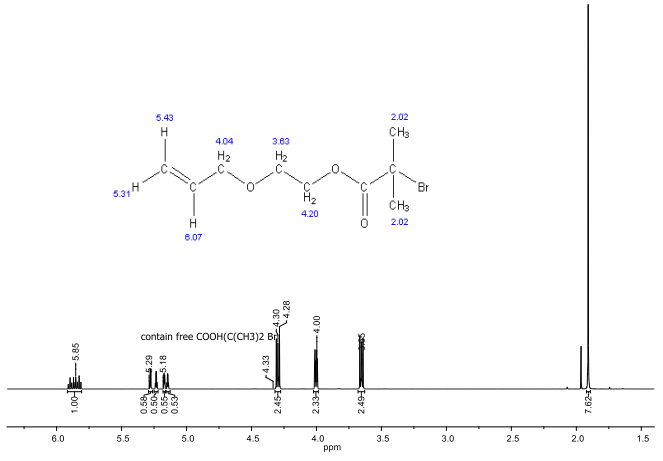
Composition:

Mn x 10^3	PDI
253.0	1.6

Synthesis:
The polymer was synthesized by ATRP polymerization.

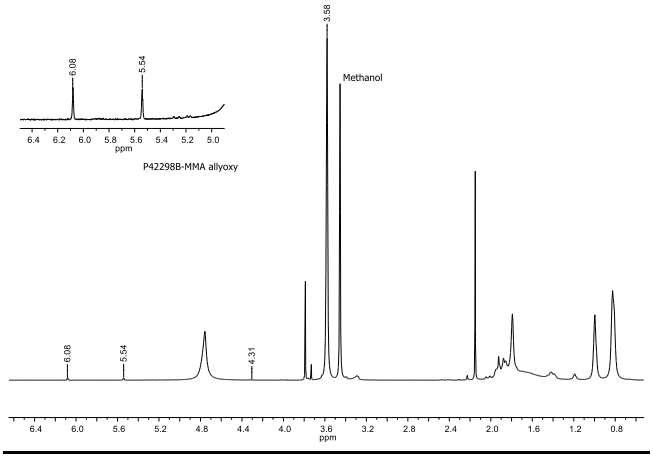


^{1}H NMR spectrum of the ATRP catalyst

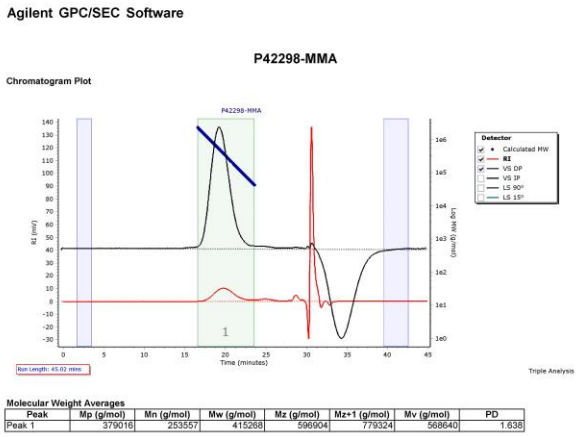


Characterization:
The product was characterized by size exclusion Chromatography (SEC) and ^{1}H NMR in CdCL3.

^{1}H-NMR Spectrum of the Allyloxy terminated PMMA



SEC elugram of the polymer:



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	379016	253557	415268	596904	779324	568640	1.638