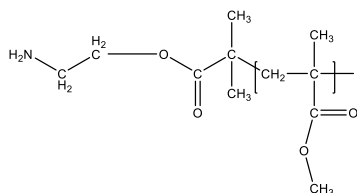


Sample Name: Poly (methyl methacrylate), α -amino-terminated; - atactic

Sample #: P41918-MMANH2

Structure:

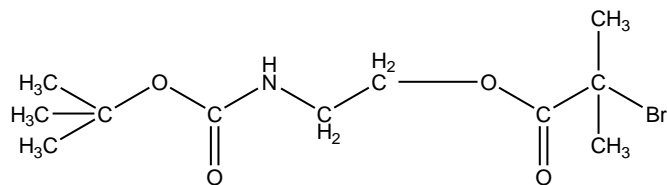


Composition:

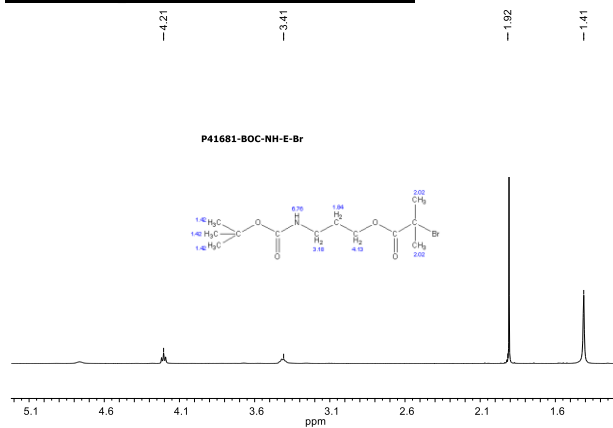
Mn x 10 ³	PDI
17.5	1.3

Synthesis Procedure:

The polymer was synthesized by ATRP polymerization process using following catalyst:



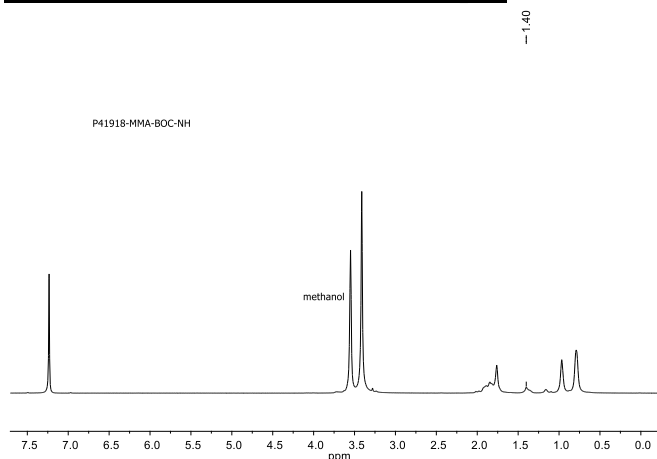
¹H NMR spectrum of the catalyst:



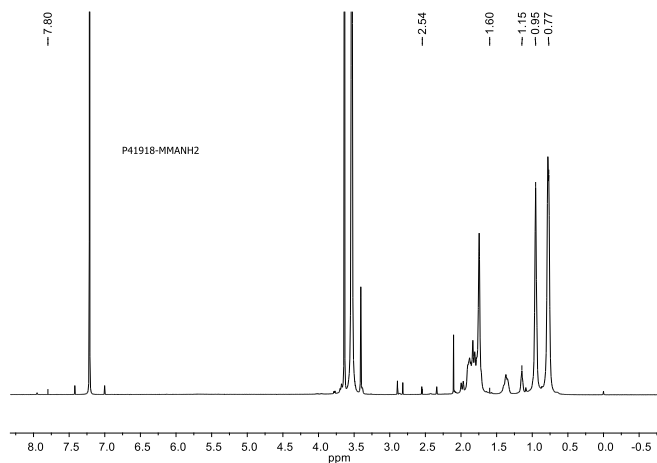
Characterization:

The product was characterized by size exclusion chromatography (SEC) and ¹H NMR.

¹H NMR of the BOC-NH-MMA-Sample:



After Removing BOC moiety:

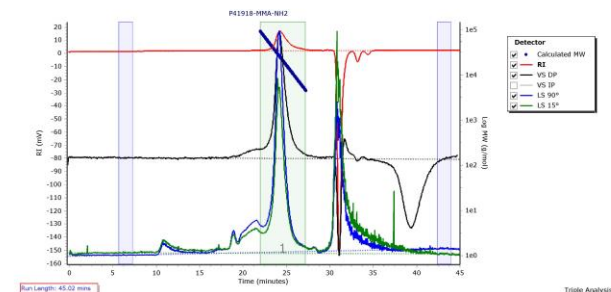


SEC elugram of the Sample:

Agilent GPC/SEC Software

P41918-MMA-NH2

Chromatogram Plot



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
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Peak 1	25637	17699	23219	29336	37186	28136	1.312
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Detector: RI