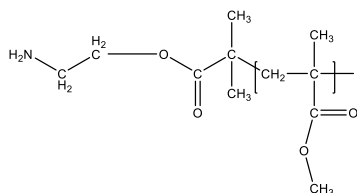


Sample Name: Poly (methyl methacrylate), α -amino-terminated; - atactic

Sample #: P41918A-MMANH2

Structure:

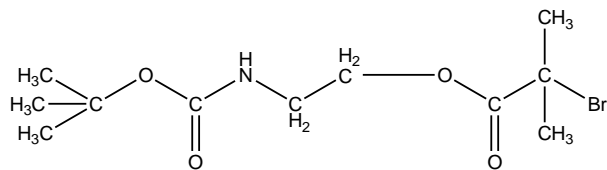


Composition:

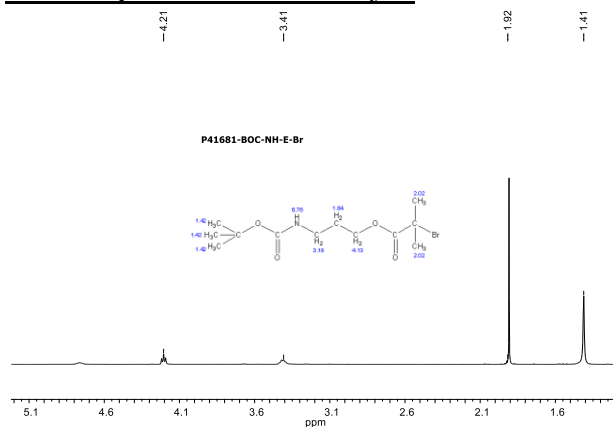
Mn x 10 ³	PDI
10.5	1.3

Synthesis Procedure:

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



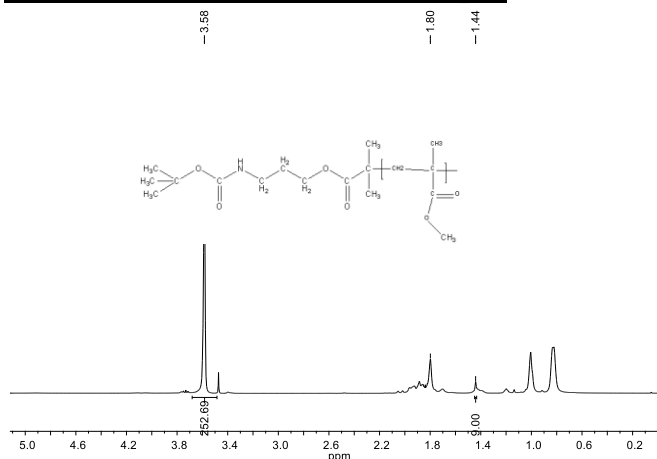
HNMR spectrum of the catalyst:



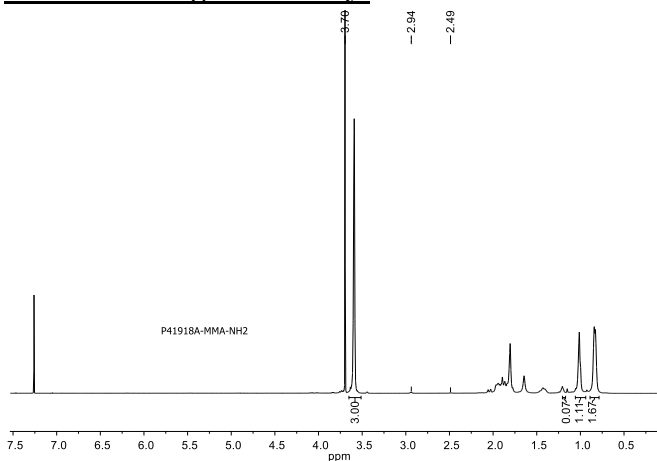
Characterization:

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

H NMR of the BOC-NH-MMA-Sample:

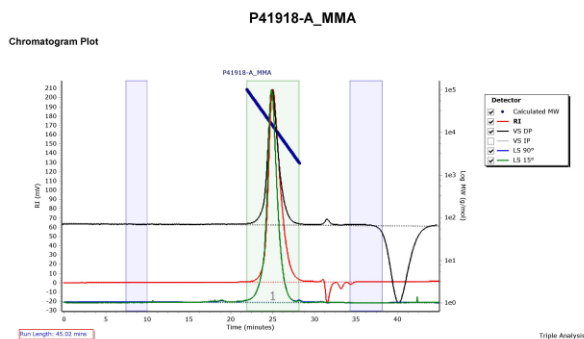


After Removing BOC moiety:



SEC elugram of the Sample:

Agilent GPC/SEC Software



Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	14329	10429	13502	17252	23412	16183	1.205