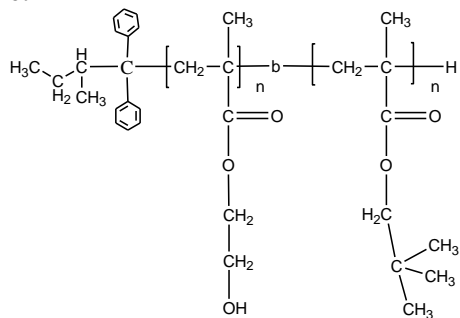


Sample Name: Poly (2-hydroxyethyl methacrylate)-
b-neopentyl methacrylate)

Sample #: P19798-HEMANPMA

Structure:



Composition:

Mn × 10 ³ HEMA-b-NPMA	Mw/Mn
2.0-b-97.0	1.14
HEMA:NPMA	4:96 molar ratio
T _g for NPMA block:	119°C

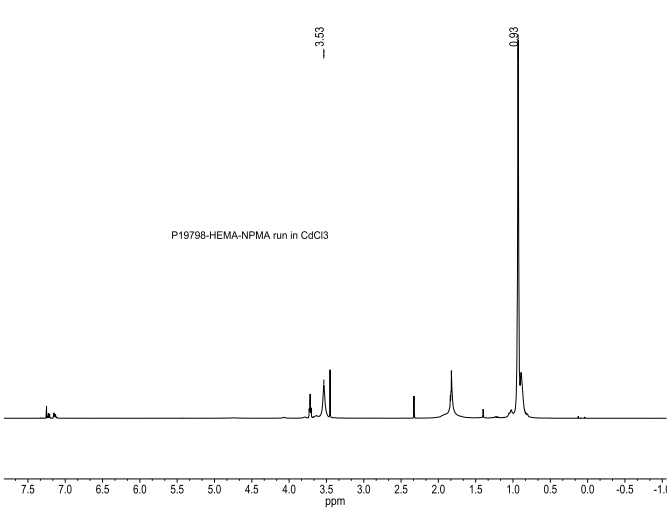
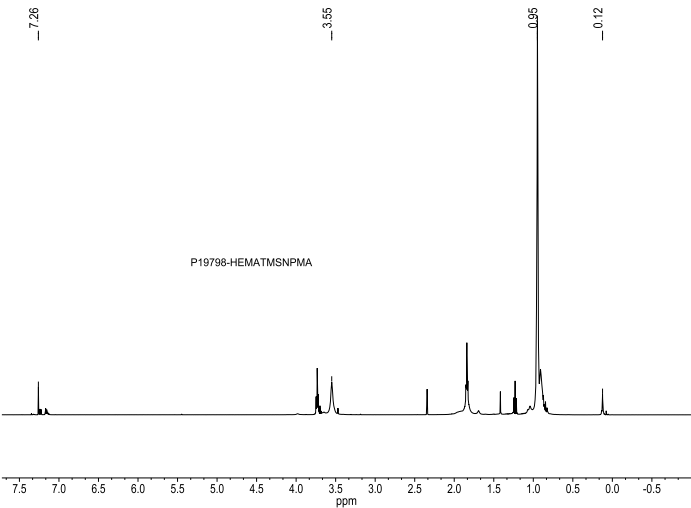
Synthesis:

The polymer was synthesized by anionic polymerization process.

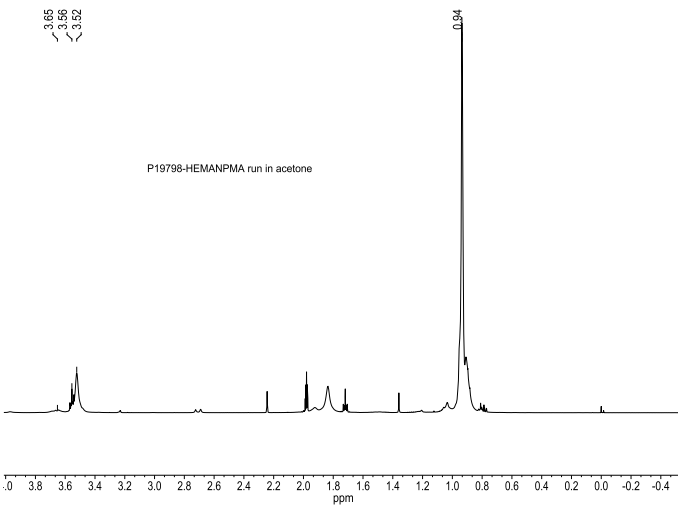
Characterization:

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

¹H NMR spectrum of polymer:



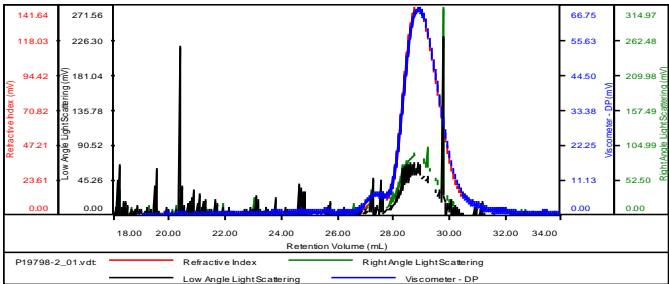
¹H NMR spectrum runs in Acetone:



SEC of HEMATMS-NPMA in THF:

Sample ID-P19798-2-HEMATMS-NPMA

Concentration (mg/mL)	1.5686
Sample dn/dc (mL/g)	0.0840
Method File	PS80K-March2016-0001.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Rh (nm)	Ret Vol (mL)
P19798-2_01.v dt	99,741	114,265	1.146	3.0039	22.57	28.817