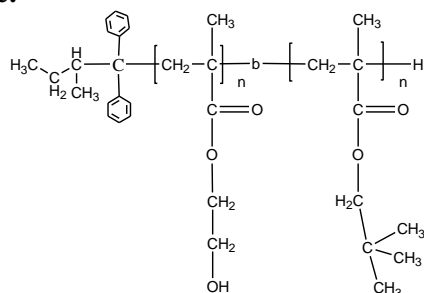


Sample Name: Poly (2-hydroxyethyl methacrylate-b-neopentyl methacrylate)

Sample #: P41185-HEMANPMA

Structure:



Composition:

$M_n \times 10^3$ HEMA-NPMA	M_w/M_n
4.5-b-60.0	1.25

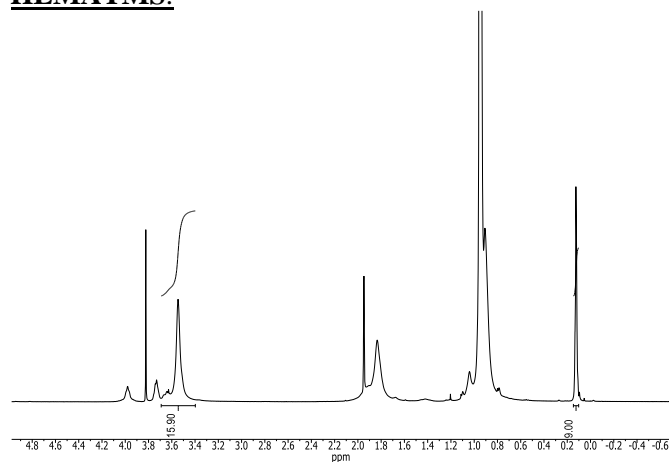
Synthesis:

The diblock copolymer was synthesized by anionic polymerization process, followed by hydrolysis under acidic condition.

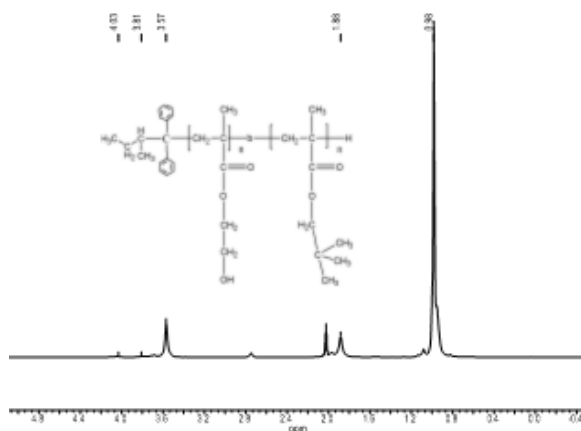
Characterization:

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

^1H NMR (500 MHz, in CdCl_3) of NPMA-HEMATMS:



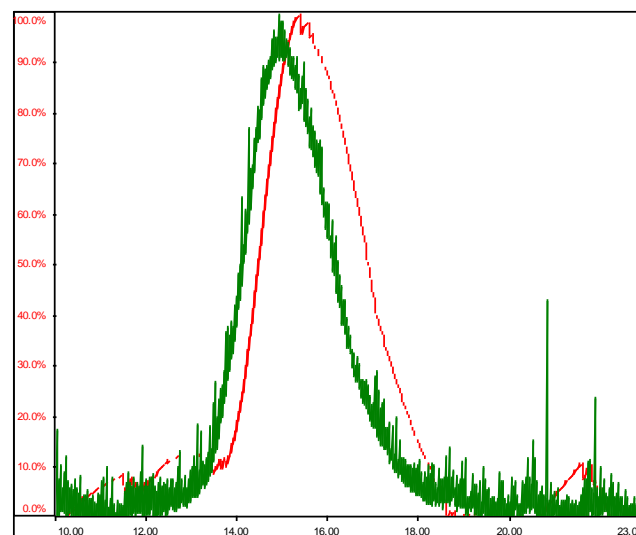
^1H NMR spectrum of the Sample:



SEC elugram of the HEMA-b-NPMA:

P41185-3

Conc	2.2602
dn/dc	0.0650
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS99k_2018-05-30-0000.vcm



Sample	M_n	M_w	M_p	M_w/M_n	IV
P41185-3_01.vdt	64,645	81,235	82,113	1.257	0.6595