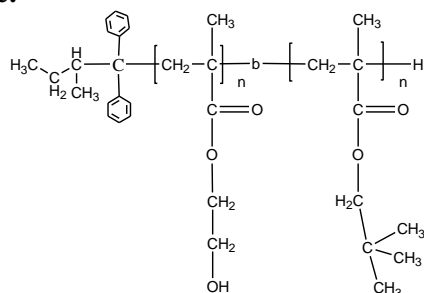


Sample Name: Poly (2-hydroxyethyl methacrylate-b-neopentyl methacrylate)

Sample #: P40915-HEMANPMA

Structure:



Composition:

$M_n \times 10^3$ HEMA-NPMA	M_w/M_n
5.0-b-150.0	1.12

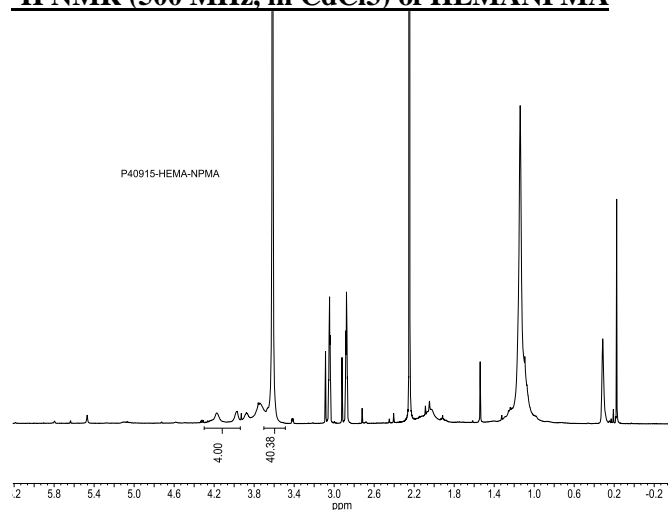
Synthesis:

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

Characterization:

The polymer was characterized by $^1\text{H-NMR}$ and size exclusion chromatography (SEC).

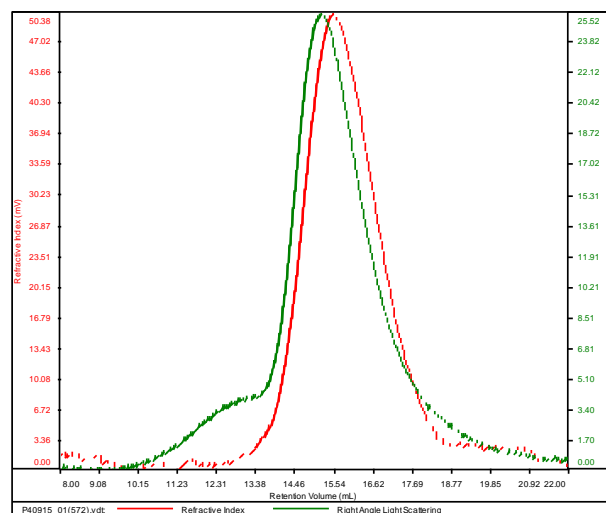
$^1\text{H NMR}$ (500 MHz, in CdCl_3) of HEMANPMA



SEC elugram of the Sample:

P40915-HEMANPMA

Conc	7.3766
dn/dc	0.0650
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS-80k_2018-04-02-0000.vcm



Sample	M_n	M_w	M_p	M_w/M_n	IV
P40915_01(572).vdt	155,357	174,871	158,292	1.126	0.2513