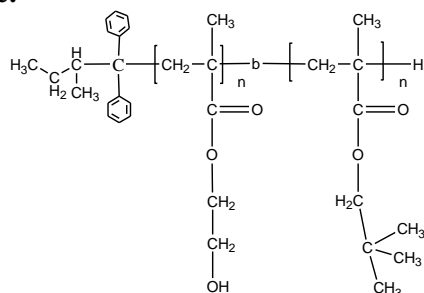


Sample Name: Poly (2-hydroxyethyl methacrylate-b-neopentyl methacrylate)

Sample #: P41188-HEMANPMA

Structure:



Composition:

$M_n \times 10^3$ HEMA-NPMA	M_w/M_n
15.0-b-385.0	1.16

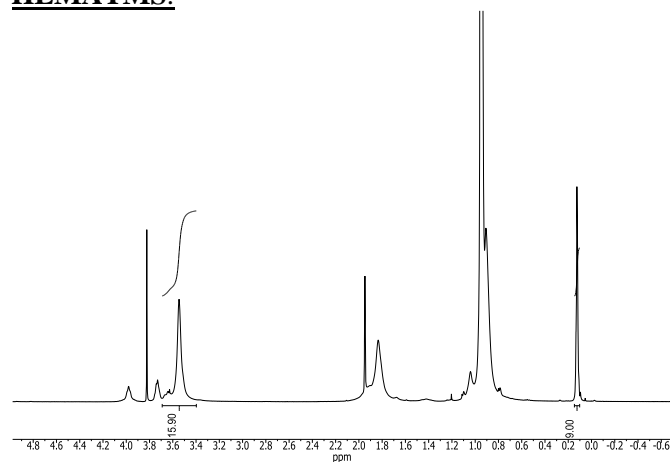
Synthesis:

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

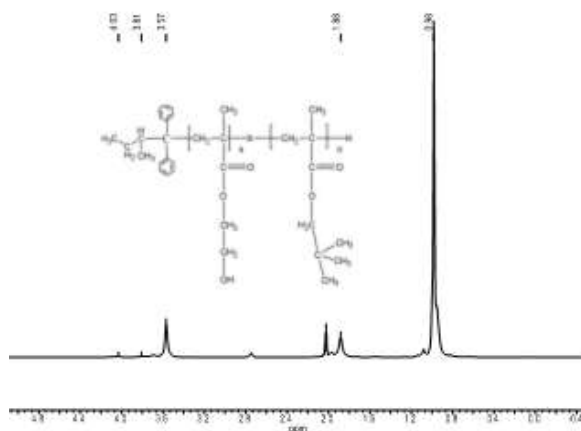
Characterization:

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

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

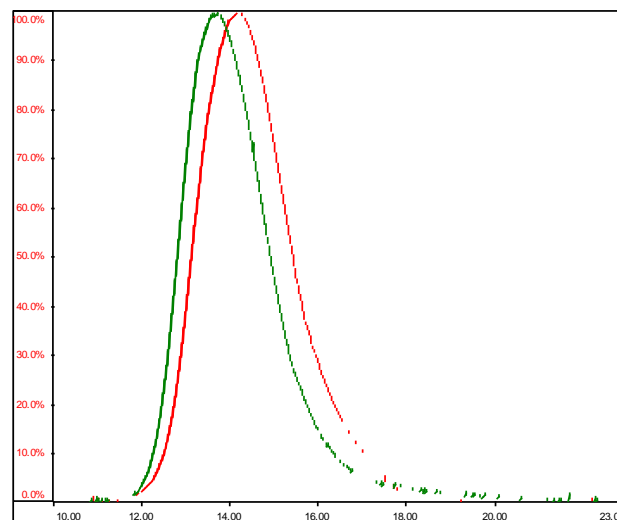


^1H NMR spectrum of the Sample:



SEC elugram of the HEMA-b-NPMA:
P41188-HEMANPMA

Conc	6.2509
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
P41188-HEMANPMA_01.vdt	400,885	466,612	455,266	1.164	1.7837