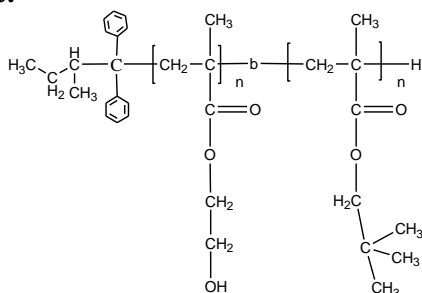


Sample Name: Poly (2-hydroxyethyl methacrylate-b-neopentyl methacrylate)

Sample #: P41482-HEMANPMA

Structure:



Composition:

$M_n \times 10^3$	M_w/M_n
HEMA-NPMA	
6.0-b-155.0	1.19

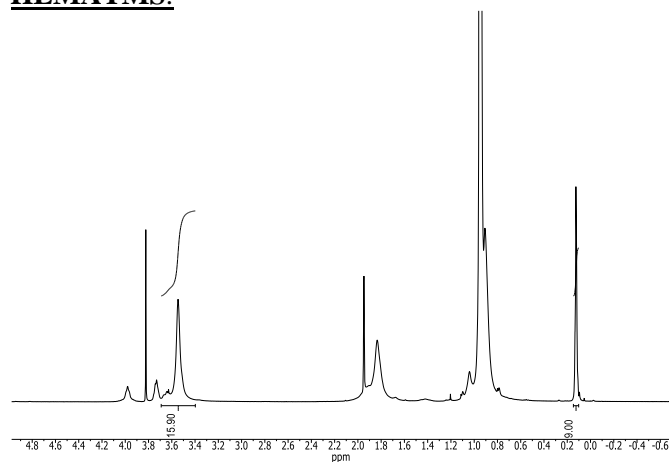
Synthesis:

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

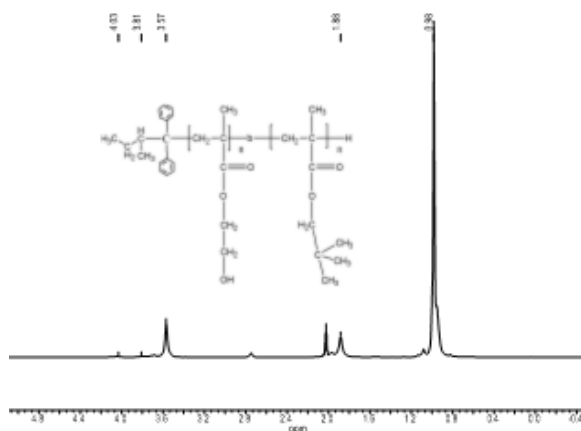
Characterization:

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

$^1\text{H NMR}$ (500 MHz, in CdCl_3) of NPMA-HEMATMS:

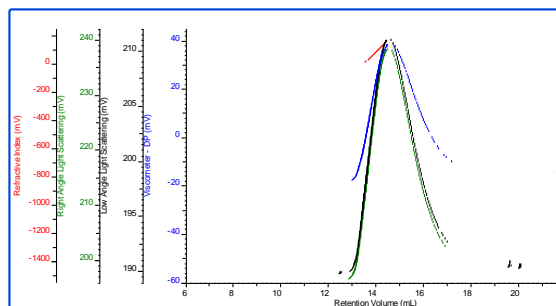


$^1\text{H NMR}$ spectrum of the Sample:



SEC elugram of the HEMA-b-NPMA:
P41482-HEMANPMA

dn/dc	0.0650
Flow	0.7000
Solvent	DMF with LiBr
Method	PSS column-PMMA64K-Oct2018-0008.vcm



Sample	M_n	M_w	M_z	IV	M_w/M_n
P41482_1_2018-11-15	161,392	192,490	315,317	0.3258	1.193