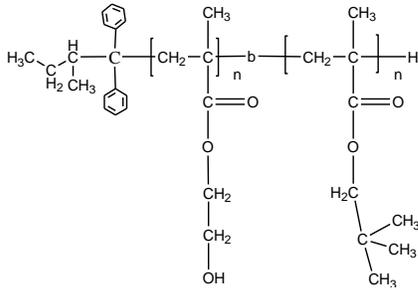Sample Name: **Poly (2-hydroxyethyl methacrylate-b-neopentyl methacrylate)**

Sample #: **P41171-HEMANPMA**

Structure:

Composition:

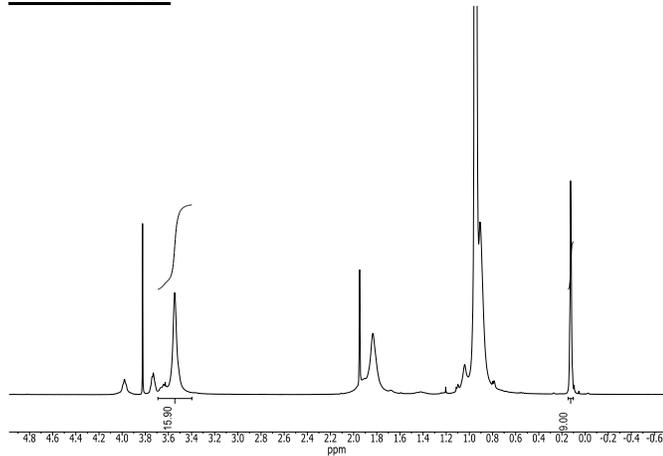| Mn × 10³ HEMA-NPMA	Mw/Mn
6.0-b-160.0	1.15

Synthesis:

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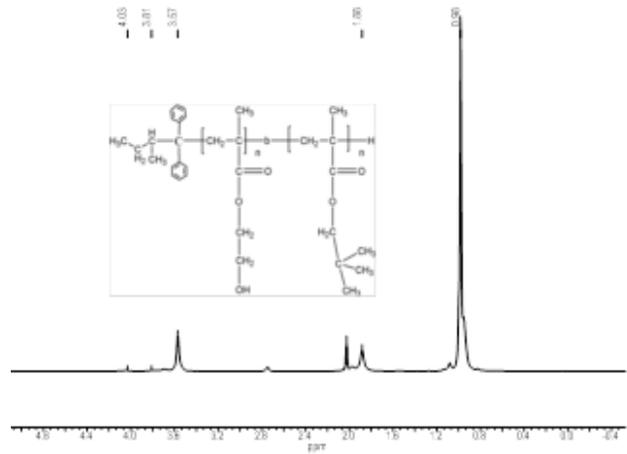
Characterization:

The polymer was characterized by ¹H-NMR and size exclusion chromatography (SEC).
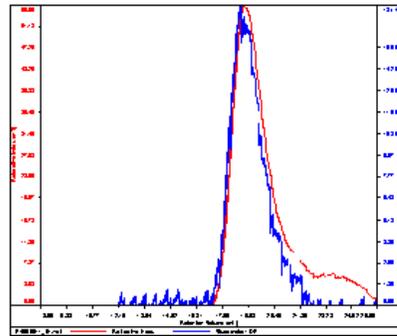
¹H NMR (500 MHz, in CdCl3) of NPMA-HEMATMS:

¹H NMR spectrum of the Sample:

SEC elugram of the first block HEMATMS:

SEC elugram of the HEMA-b-NPMA:
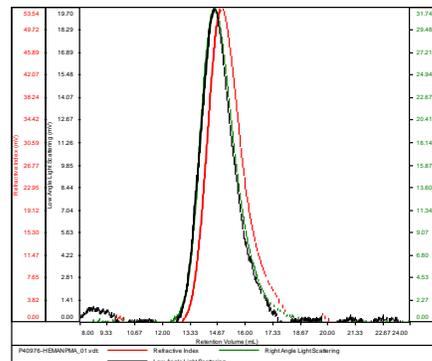

Sample	Mn	Mw	Mp	Mw/Mn	IV
P40976-HEMANPMA_01.vdt	166,572	189,568	175,485	1.138	0.3516

(v. R-01)