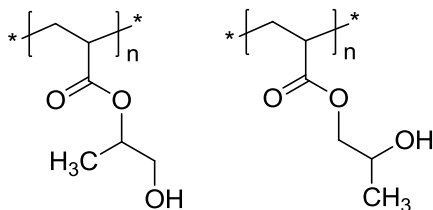


Sample Name: Poly(2-hydroxypropyl acrylate)
(mixture of isomers)

Sample #: P40759-HPA

Structure:



(mixture of isomers)

Composition:

Mn x 10 ³	PDI
4.0	1.7

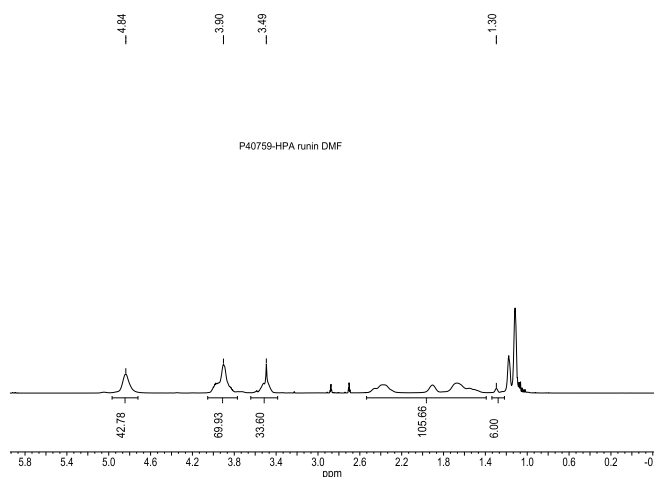
Synthesis Procedure:

The product was prepared by GTP polymerization process using 2-Trimethyl siloxy Propyl acrylate.

Characterization:

The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography (SEC) in THF. SEC analysis was performed on a Varian liquid chromatograph equipped with refractive and UV light scattering detectors. Three SEC columns from Supelco (G6000-4000-2000 HXL) were used with triple detectors from Viscotek Co.

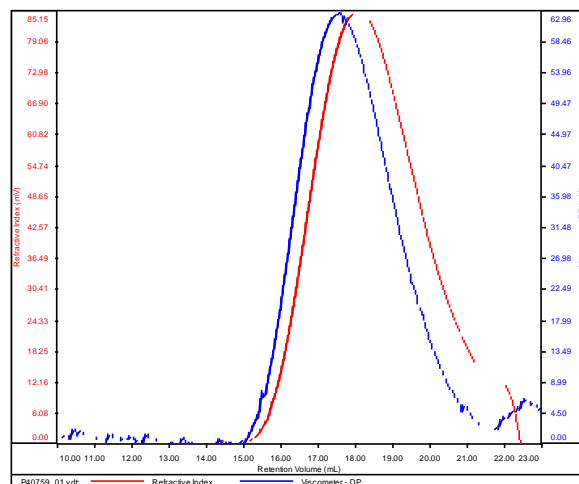
HNMR of the product in DMF:



SEC of Homopolymer:

P40759-HPA-TMS

Conc	33.1786
dn/dc	0.0650
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS-80k_2017-September-22-0000.vcm



Sample	Mn	Mw	Mp	Mw/Mn	IV
P40759_01.vdt	6,420	11,177	9,264	1.741	0.0663

After hydrolysis : P2HPA: Mn 4,000 Mw/Mn 1.7