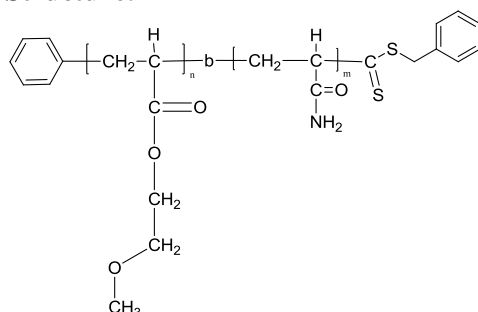


Sample Name: Poly (2-Metoxo ethylacrylate-b-Acrylamide)

Sample #: P41078-2MeOEA-AMD

Structure:



Composition:

Mn x 10 ³ 2MeOEA-b-AMD	PDI
18.0-b-5.0	1.35

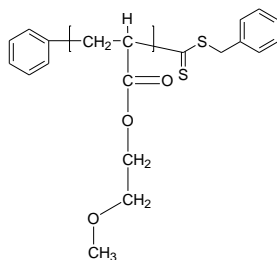
Synthesis Procedure:

The polymer was synthesized by RAFT process.

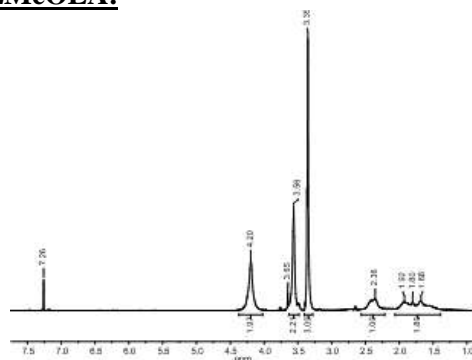
Characterization:

The product was characterized by size exclusion chromatography (SEC) and ¹H NMR.

Macroinitiator of P2MeOEtA:



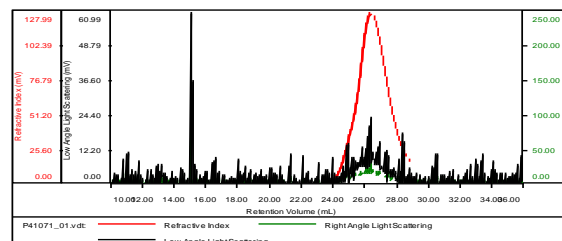
HNMR spectrum of the RAFT end terminated P2MeOEA:



SEC elugram of the Sample lot# P41071-RAFT:

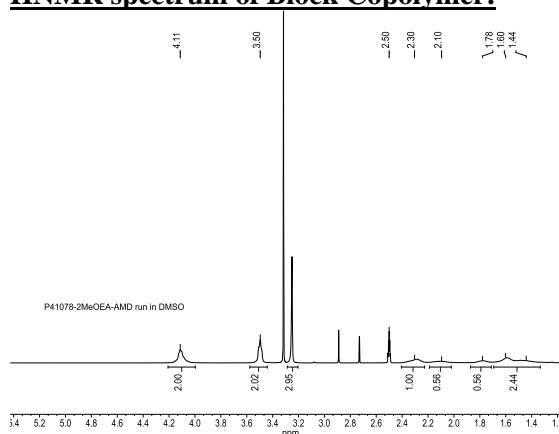
P41071-2MeOEA

Concentration (mg/mL)	15.6281
Sample dn/dc (mL/g)	0.0840
Method File	PS80K-mar5-2018-0002.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	MP (Da)
P41071_01.vdt	17,718	20,174	1.139	0.1026	17,523

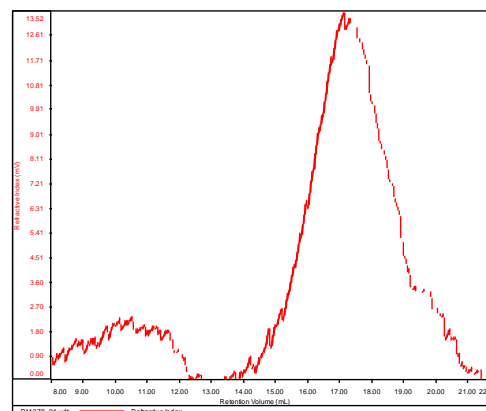
HNMR spectrum of Block Copolymer:



SEC elugram of the Sample:

P41078-2MeOEA-AMD

Conc	1.7593
dn/dc	0.0870
Solvent	DMF w/ 0.023M LiBr
Flow Rate	0.7000
Method	PS-80K_2018-04-02-0000.vcm



Sample	Mn	Mw	MP	Mw/Mn	IV
P41078_01.vdt	23,698	31,428	21,459	1.326	0.2443