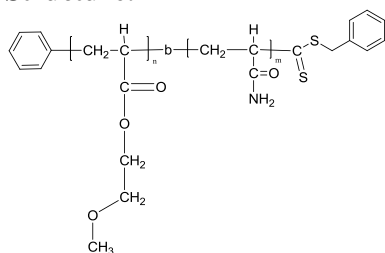


Sample Name: Poly (2-Methoxy ethylacrylate-b-Acrylamide)

Sample #: P41078B-2MeOEA-AMD

Structure:



Composition:

Mn x 10 ³ 2MeOEA-b-AMD	PDI
18.0-b-40.0	-

Synthesis Procedure:

The polymer was synthesized by RAFT process.

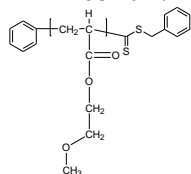
Characterization:

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

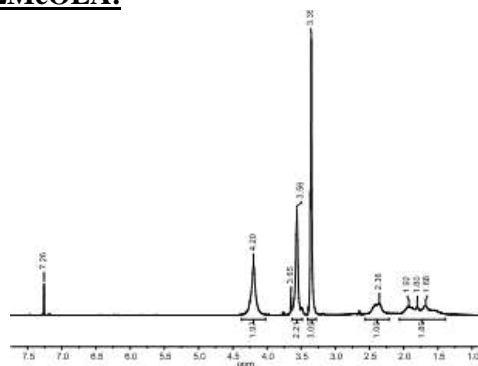
Solubility:

The polymer is soluble in DMSO, and is not soluble in DMF. In water there will be a cloudy solution.

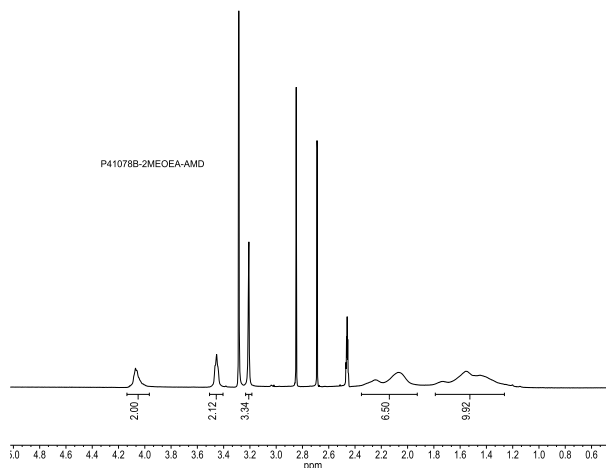
Macroinitiator of P2MeoEtA:



HNMR spectrum of the RAFT end terminated P2MeOEA:



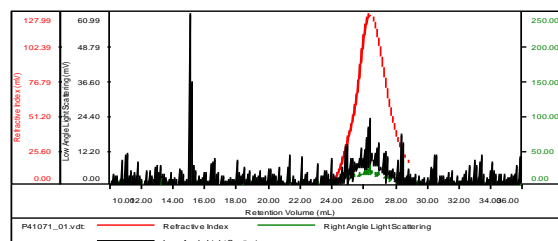
HNMR spectrum of Block Copolymer:



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