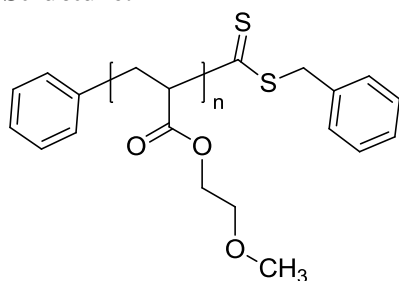


Sample Name: Poly (2-Metoxy ethylacrylate)

Sample #: P41074C-2MeOEA

Structure:



Composition:

Mn x 10 ³	PDI
53.0	1.35

Synthesis Procedure:

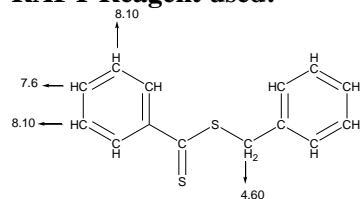
The polymer was synthesized by RAFT polymerization Process.

Characterization:

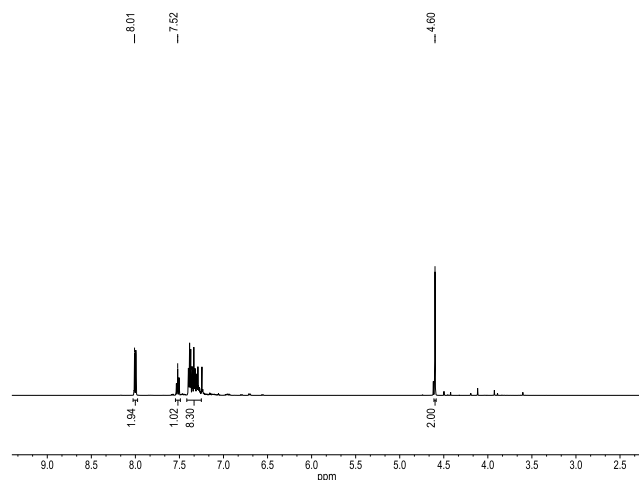
The product was characterized by size exclusion chromatography (SEC) and ¹H NMR.

The chemical structure of the product was confirmed by FT-IR and ¹H NMR.

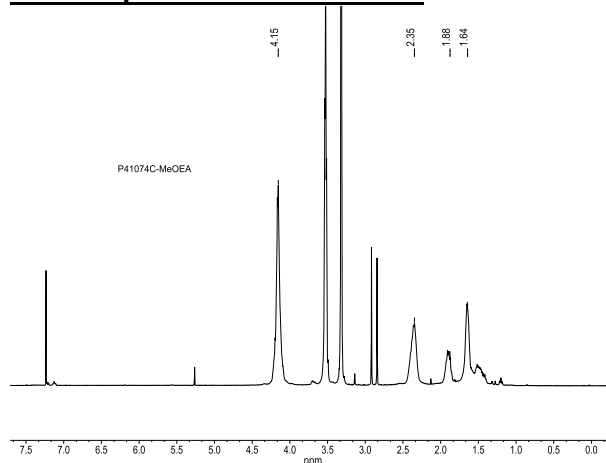
RAFT Reagent used:



¹H NMR spectrum (500 MHz, CDCl₃) of the RAFT product:



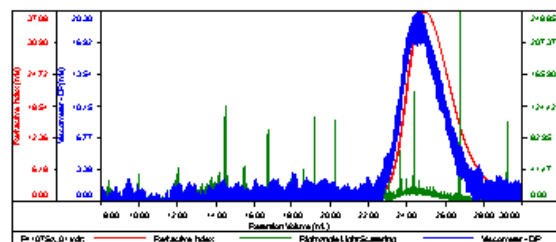
¹H NMR spectrum of the Product:



SEC elugram of the Sample:

P41074C-2MeOEA

Concentration (mg/mL)	5.5628
Sample chkb (mL/g)	0.0940
Method File	PS105K-Appl 16-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
	53,165	71,230	1.340	0.2885	35,488