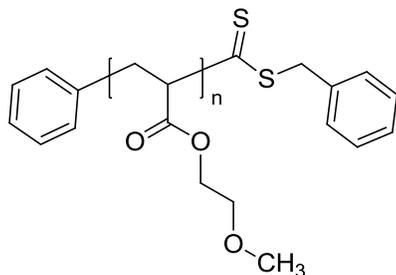


Sample Name: Poly (2-Metoxy ethylacrylate)

Sample #: P41069-2MeOEA

Structure:



Composition:

Mn x 10 ³	PDI
33.0	1.03

Synthesis Procedure:

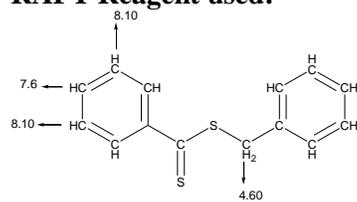
The polymer was synthesized by RAFT polymerization Process.

Characterization:

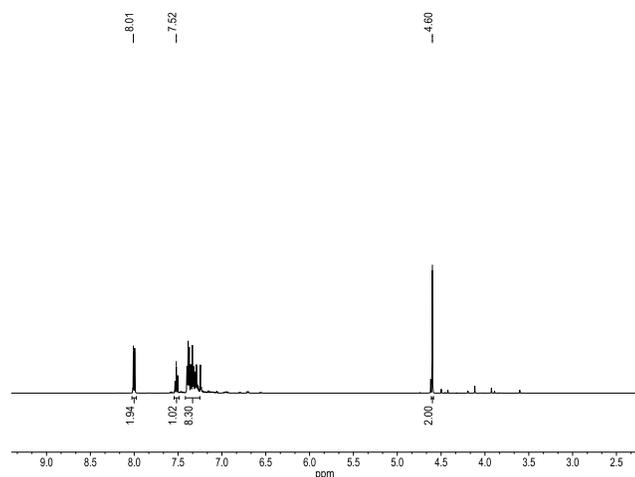
The product was characterized by size exclusion chromatography (SEC) and ¹H NMR.

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

RAFT Reagent used:



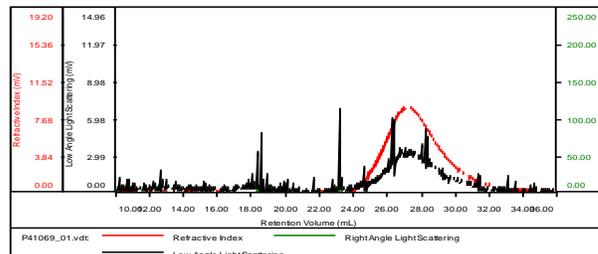
HNMR spectrum (500 MHz, CDCl₃) of the product:



SEC elugram of the Sample:

P41069-2MeOA

Concentration (mg/mL)	0.7649
Sample dn/dc (mL/g)	0.1850
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)
P41069_01.vdt	32,379	33,277	1.028	1,1566	35,115