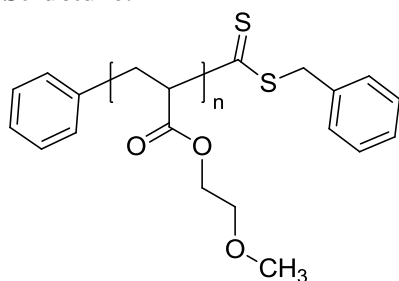


Sample Name: Poly (2-Metoxy ethylacrylate)

Sample #: P41074B-2MeOEA

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
31.0	1.9

**Synthesis Procedure:**

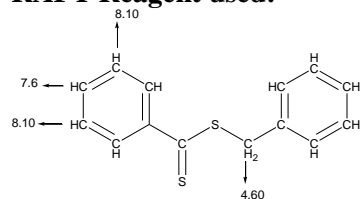
The polymer was synthesized by RAFT polymerization Process.

**Characterization:**

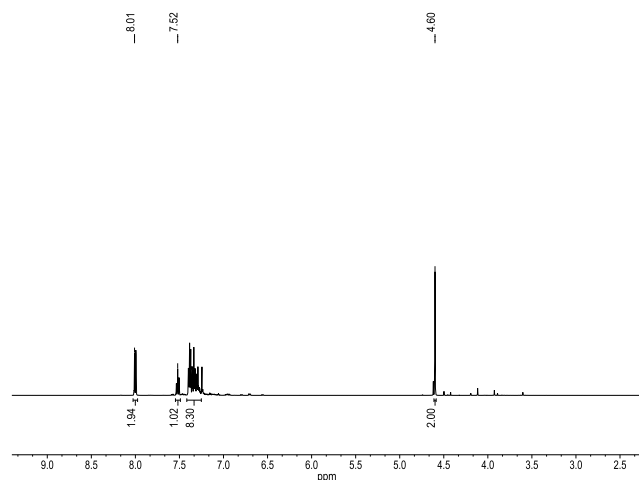
The product was characterized by size exclusion chromatography (SEC) and <sup>1</sup>H NMR.

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

**RAFT Reagent used:**



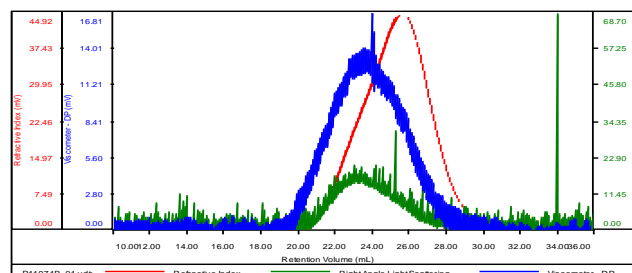
**HNMR spectrum (500 MHz, CDCl<sub>3</sub>) of the product:**



**SEC elugram of the Sample:**

**P41074-2MeOEA**

Concentration (mg/mL)	11.1106
Sample dn/dc (mL/g)	0.0840
Method File	PS105K-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
P41074B_01.vdt	30,776	58,319	1.895	0.3300	27,436