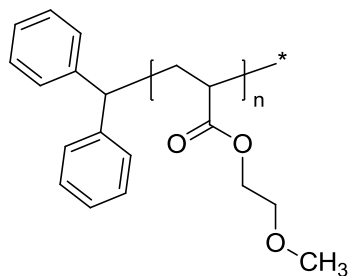


Sample Name: Poly (2-Metoxy ethylacrylate)

Sample #: P41065-2MeOEA

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
5.0	1.28

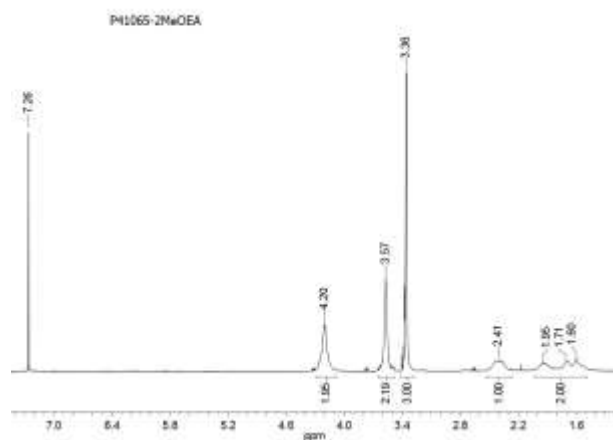
**Synthesis Procedure:**

The polymer was synthesized by anionic polymerization Process using diphenyl methyl potassium for 24h reaction at -78°C.

**Characterization:**

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

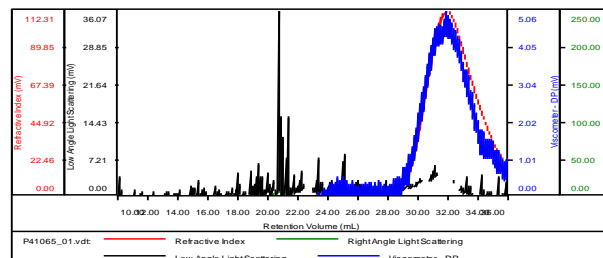
**HNMR spectrum of the product;**



**SEC elugram of the Sample:**

**P41065-2MeOA**

Concentration (mg/mL)	22.5932
Sample dn/dc (mL/g)	0.0940
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)
P41065_01.vdt	5,200	6,672	1.283	0.0376	6,781