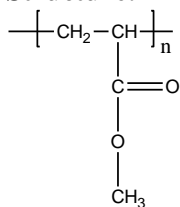


Sample Name: Poly (methyl acrylate)

Sample #: P40249-MA

By GTP process

Structure:



Composition:

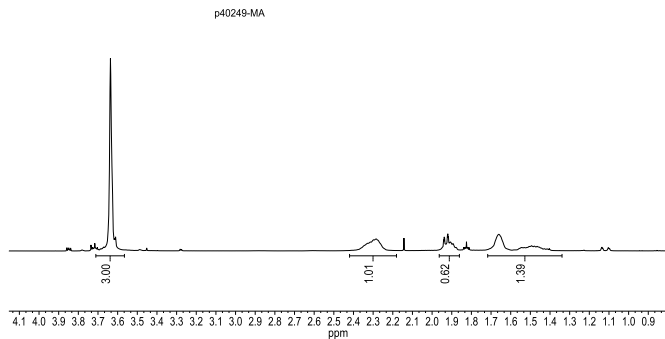
Mn x 10 ³	PDI
6.5	1.45

Synthesis Procedure: The polymer was synthesized by GTP polymerization process.

Characterization:

The polymer was characterized by SEC.

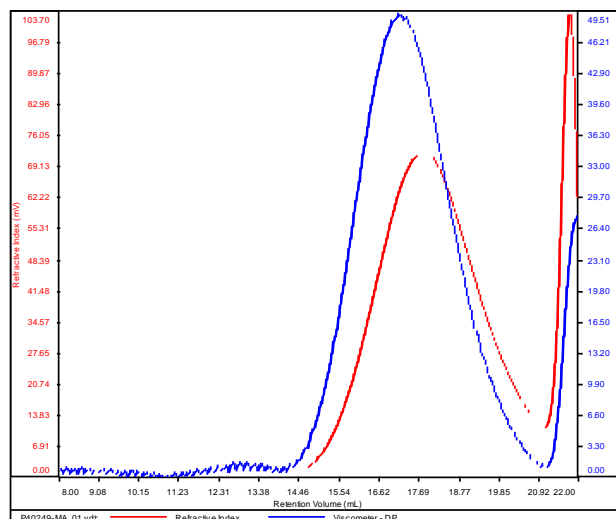
¹H NMR of the Sample:



SEC elugram of the Sample:

P40249-MA

Conc (mg/mL)	22.0318
dn/dc (mL/g)	0.0650
Method	PS80k-Nov162016-0000.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	Mn	Mw	Mp	Mw/Mn	IV
P40249-MA_01.vdt	6,678	9,807	8,710	1.469	0.0768

References:

1. Ph. Teyssie, Ph. Bayard, R. Jerome, **S. K. Varshney**, and J. S. Wang, *35th IUPAC International Union of Pure & Applied Chemistry International Symposium on Macromolecules* 1994, 67.
2. R. Fayt, R. Forte, C. Jacobs, R. Jerome, T. Ouhadi, Ph. Teyssie and **S. K. Varshney**, *Macromolecules*, 1987, 20, 1442-1444.
3. Jerome, R. Forte, **S. K. Varshney**, R. Fayt, and Ph. Teyssie, "The Anionic Polymerization of Alkylacrylates: A Challenge" in the Recent Advances in Mechanistic and Synthetic Aspects of Polymerization: M. Fontanille and A. Guyot Ed., NATO ASI Series C 215, 101 (1987), CA Vol. 108, 12, 094992.
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