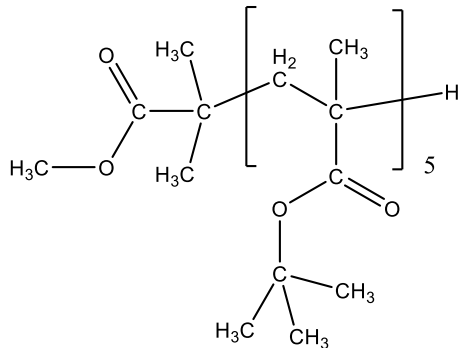


Sample Name:

**Oligomers of (tert-Butylmethacrylate)**

Sample #: **P42970F4-tBuMA**

**Structure:**



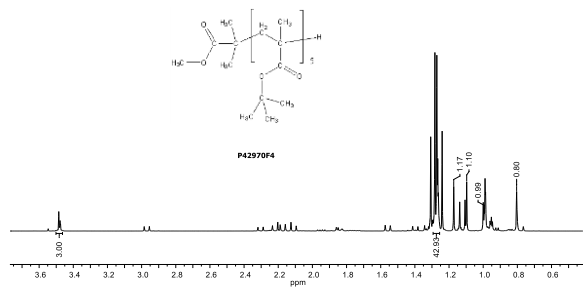
**Composition:**

Degree of Polymerization	Molecular weight
D <sub>p</sub> by <sup>1</sup> H NMR: 5	M <sub>n</sub> = 800

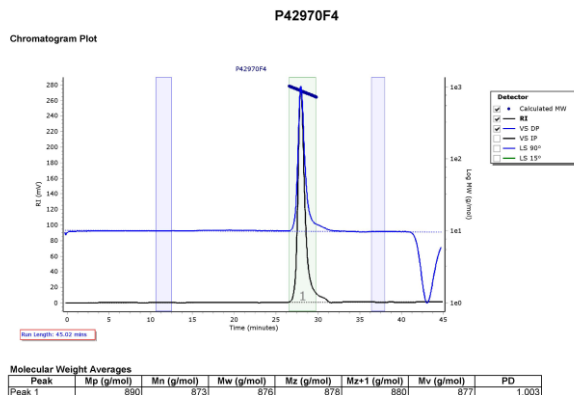
**Characterization:**

The degree of polymerization was determined by <sup>1</sup>H NMR spectroscopy.

**<sup>1</sup>H-NMR spectrum (500 MHZ, CDCl<sub>3</sub>) of the sample:**



**SEC elugram of the sample:**



Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	690	673	676	678	680	677	1.003

**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.
4. Ph. Teyssie, R. Fayt, C. Jacobs, R. Jerome, L. Leemans, and **S. K. Varshney** *Am. Chem. Soc., Polym. Prepr.* 1988, 28, 2, 52–53.