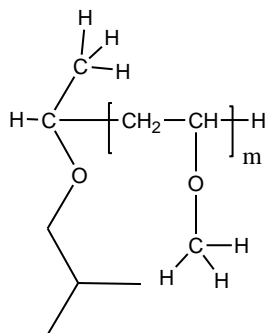


Sample Name: Poly(methyl vinyl ether)

Sample #: P40696-MVE

Structure:

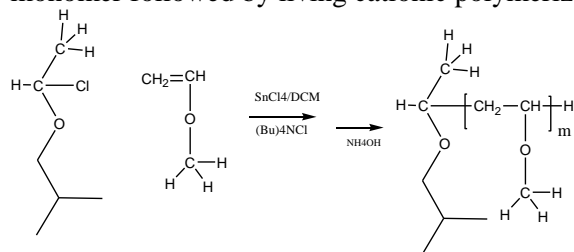


Composition:

$\text{Mn} \times 10^3$	PDI
3.0	1.06

Synthesis Procedure:

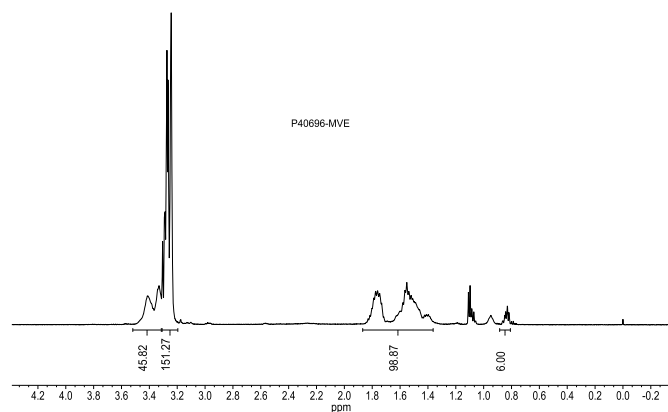
Poly(methyl vinyl ether) is obtained by synthesis of the monomer followed by living cationic polymerization.



Characterization:

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

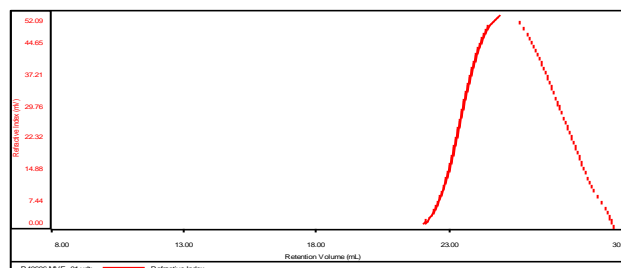
^1H NMR of the Polymer:



SEC elugram of the homopolymer:

P40696-MVE

Concentration (mg/mL)	1.1057
Sample dn/dc (mL/g)	0.1100
Method File	PS80K-June272017-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
P40696-MVE_01.vdt	2,977	3,168	1.064	0.3723	2,973