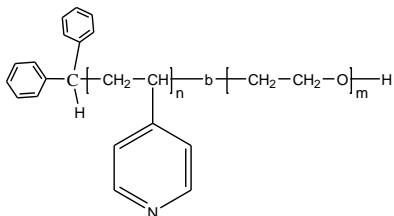


Sample Name:

Poly(4-vinyl pyridine -b- ethylene oxide)

Sample #: **P18966A-4VPEO**

Structure:



Composition:

Mn x 10 ³ P4VP-b-PEO	PDI
3.5-b-1.0	1.7

Synthesis Procedure:

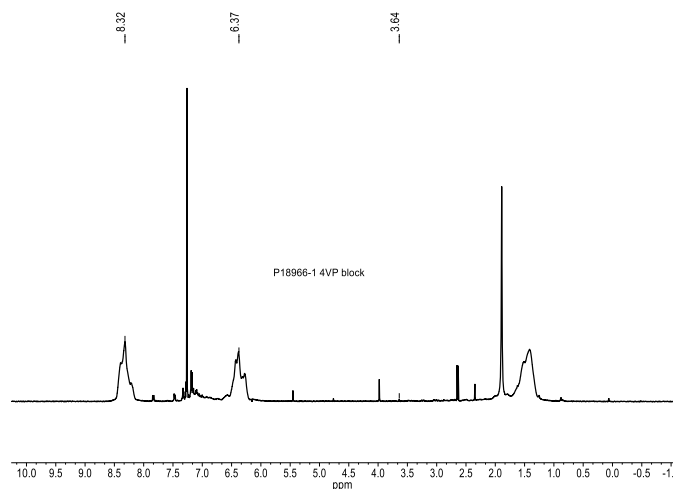
The polymer was synthesized by anionic polymerization process.

Ref: S. K. Varshney, X. F. Zhong and A. Eisenberg
"Anionic Homopolymerization and Block Copolymerization of 4-Vinylpyridine and Its Investigation by High-Temperature Size-Exclusion Chromatography in N-Methyl-2-Pyrrolidone"
CA Vol 118, 12, 102658 Macromolecules, 1993, 26, 701-706.

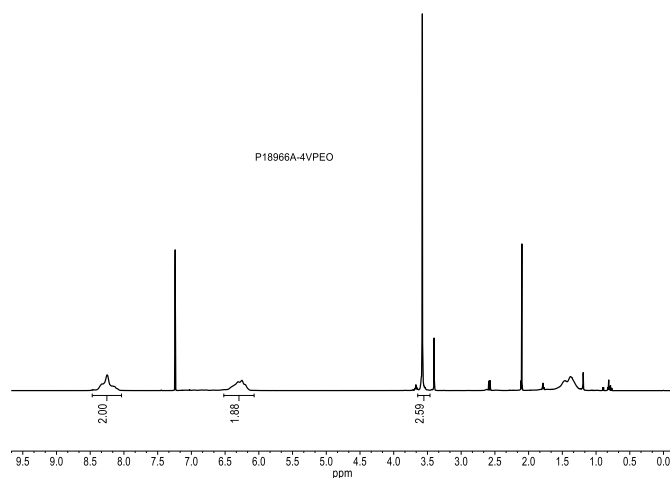
Characterization:

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

H NMR spectrum of the first block:

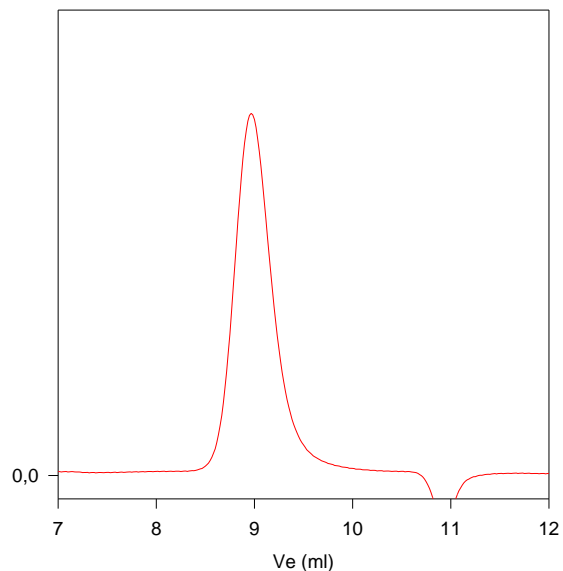


H-NMR Spectrum of the block copolymer:



SEC of the block copolymer:

P18966A-4VPEO



Size Exclusion Chromatography :