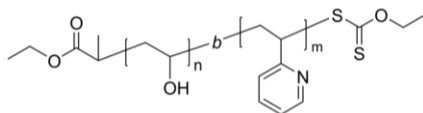


Sample Name: Poly(vinyl alcohol)-b-poly(2-vinyl pyridine)

Sample #: P60653E-VA2VP

Structure:



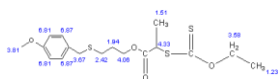
Composition:

Mn $\times 10^3$	PDI
2.8 -b-38.0	1.5

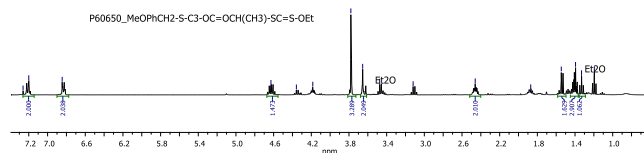
Synthesis Procedure:

The polymer is prepared by RAFT polymerization process using the following RAFT reagent:

^1H NMR of RAFT (400 MHz, CDCl_3):



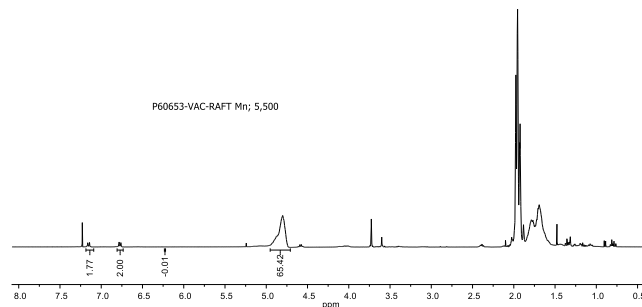
P60650_MeOPhCH2-S-C(=O)-OCH(CH3)-S-C(=O)-OEt



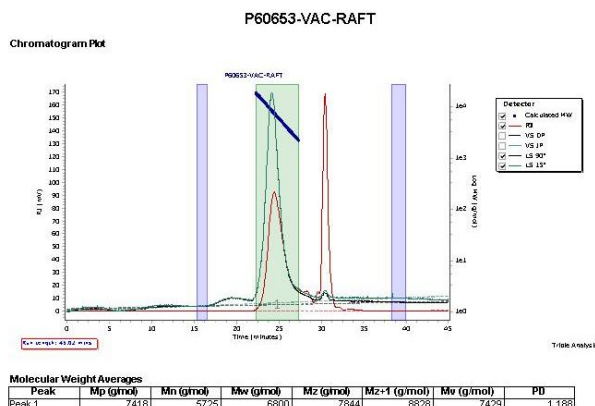
Characterization:

The molecular weight and polydispersity index (PDI) of the polymer are obtained by size exclusion chromatography (SEC) in THF as eluent.

^1H NMR spectrum of VAC RAFT (500 MHz, CDCl_3):



SEC elugram of the VAC RAFT Sample:



^1H NMR spectrum of the polymer:

