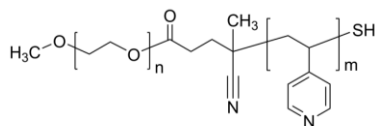


Sample Name: Poly(ethylene oxide)-b-poly(4-vinyl pyridine), (α -methoxy, ω -thiol)-terminated

Sample #: P42838A-EG-4VP-SH

Structure:

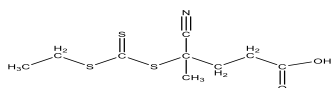


Composition:

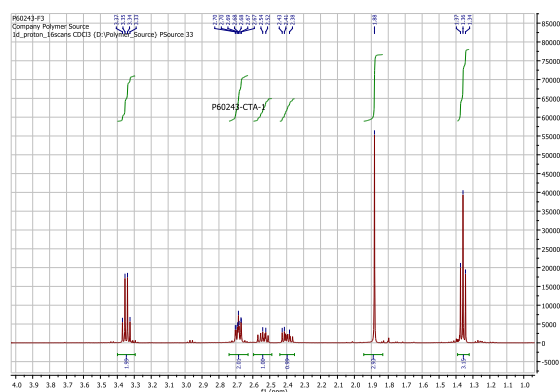
Mn x 10 ³ EG-b-4VP	Mw/Mn (PDI)
2.0-b-98.0	1.11

Synthesis Procedure:

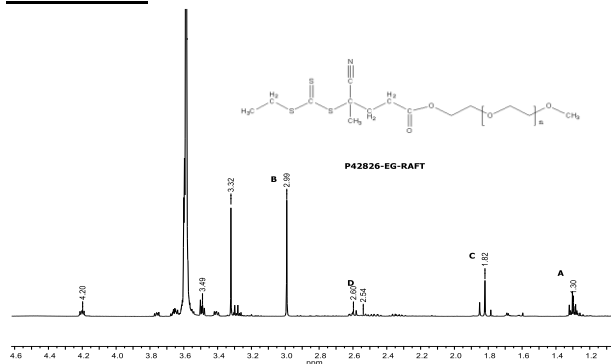
The polymer was synthesized by RAFT polymerization process using following RAFT reagent.



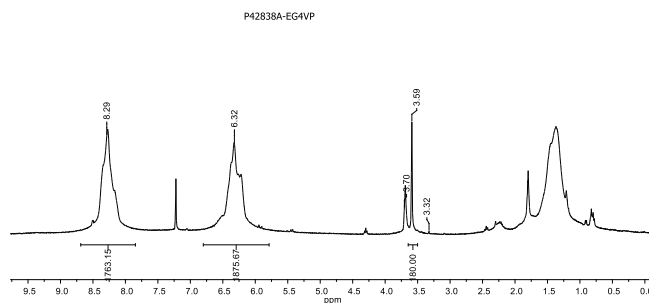
¹H-NMR(400 MHz, CDCl₃) spectrum of RAFT:



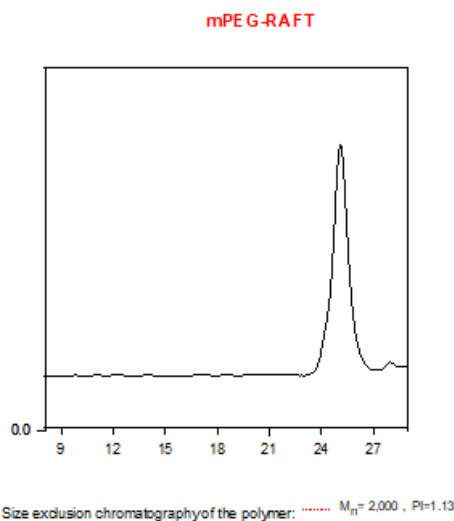
¹H-NMR (400 MHz, CDCl₃) spectrum of the EG-RAFT:



¹H-NMR (400 MHz, CDCl₃) spectrum of the P42838A-EG4VP:

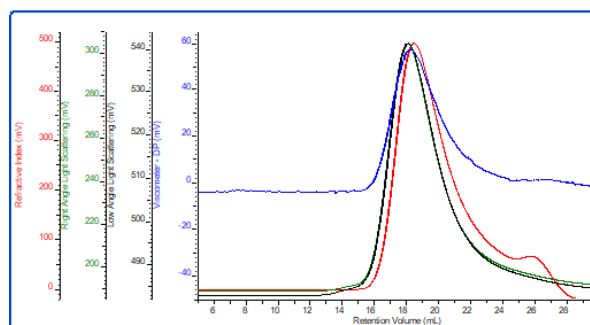


SEC elugram of the mPEG-RAFT:



Size exclusion chromatography of the polymer: M_n= 2,000 , PI=1.13

SEC elugram of the sample:



Sample	Mn	Mw	Mp	Mw/Mn
P42838A_1_2021-02-15	99,993	111,839	111,667	1.118