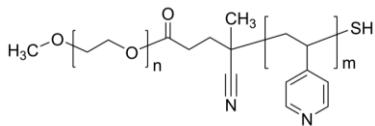


Sample Name: Poly(ethylene oxide)-b-poly(4-vinyl pyridine), (α -methoxy, ω -thiol)-terminated

Sample #: P42838B-EG-4VP-SH

Structure:

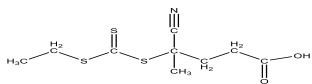


Composition:

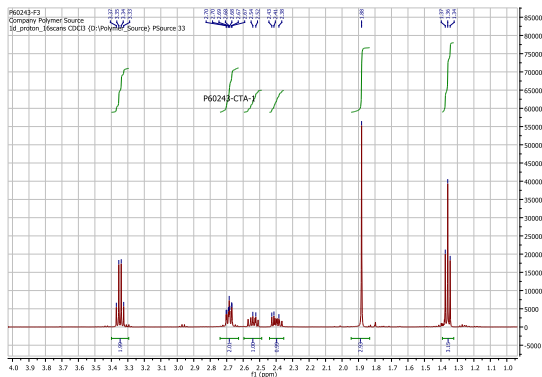
Mn x 10 ³ EG-b-4VP	Mw/Mn (PDI)
2.0-b-27.0	1.16

Synthesis Procedure:

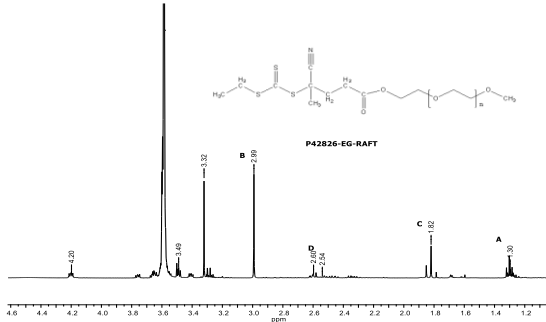
The polymer was synthesized by RAFT polymerization process using following RAFT reagent.



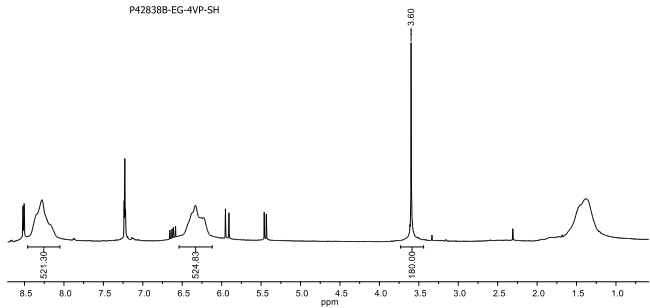
¹H-NMR(400 MHz, CDCl₃) spectrum of RAFT:



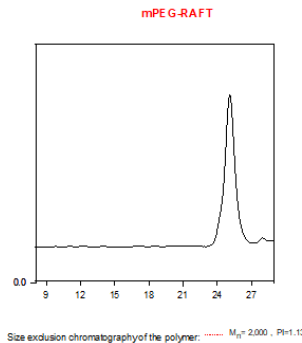
¹H-NMR(400 MHz, CDCl₃) spectrum of the EG-RAFT:



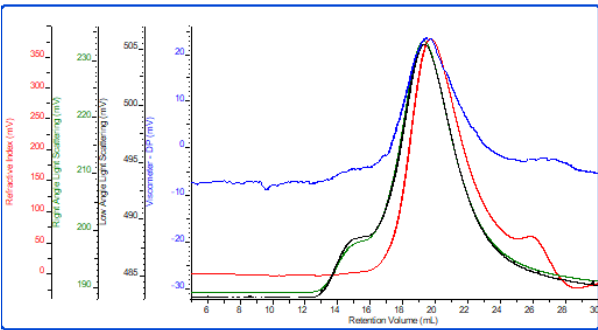
¹H-NMR(400 MHz, CDCl₃) spectrum of the Sample:



SEC elugram of the mPEG-RAFT:



SEC elugram of the sample:



Sample	Mn	Mw	Mp	Mw/Mn
P42838B_1_2021-02-15	30,964	36,120	30,888	1.167