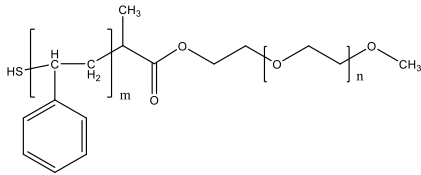


Sample Name: α -Methoxy- ω -thiol terminated Poly (ethylene oxide-b-Styrene)

Sample #: P42828B-EGS-SH

Structure:

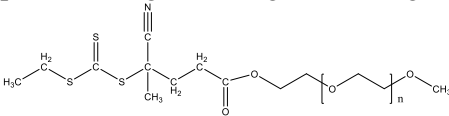


Composition:

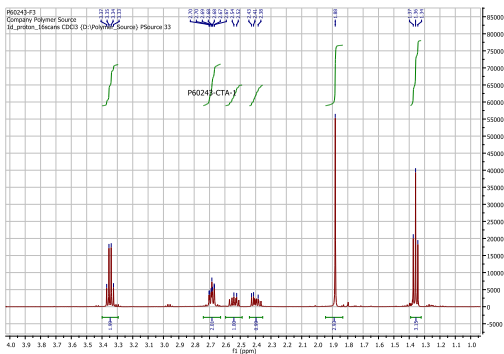
Mn x 10 ³ EG-b-S	Mw/Mn (PDI)
5.0-b-35.0	1.2

Synthesis Procedure:

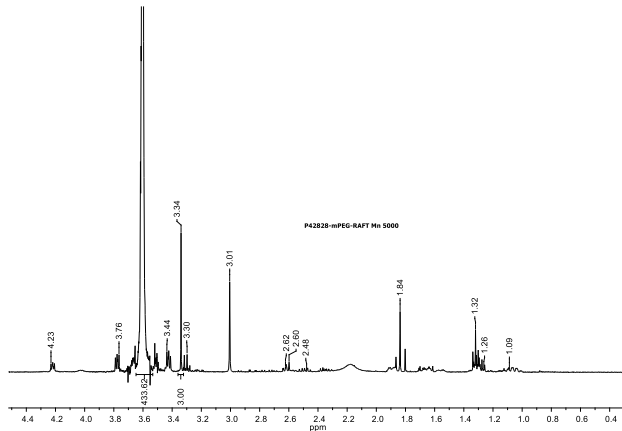
The polymer was synthesized by RAFT polymerization process using following RAFT reagent:



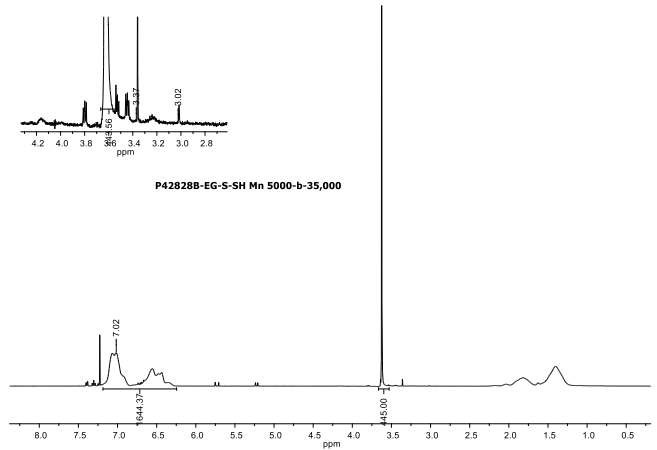
¹H-NMR (400 MHz, CDCl₃) spectrum of the RAFT:



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

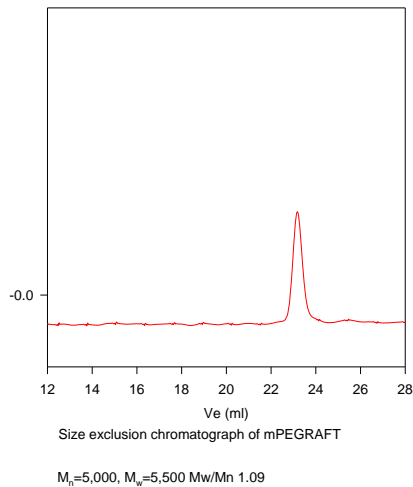


¹H-NMR spectrum (400 MHz, CDCl₃) of the EG-b-S RAFT:

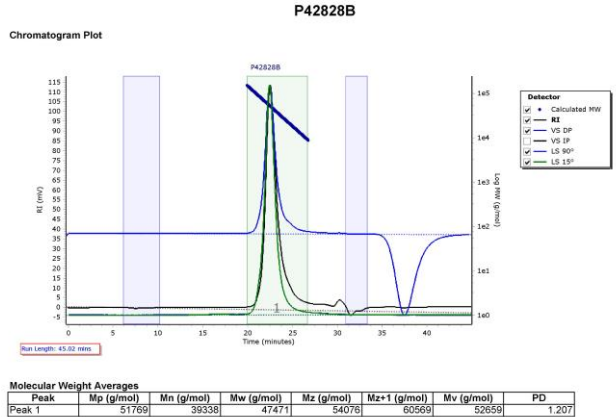


SEC elugram of P42828-EG-RAFT:

P42828-EG-RAFT



SEC elugram of the Sample:



Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	51769	39338	47471	54078	60569	62659	1.207