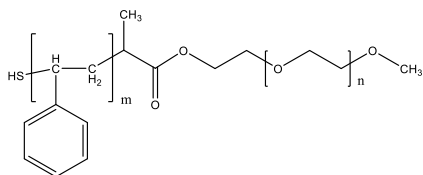


Sample Name: α -Methoxy- ω -thiol terminated Poly (ethylene oxide-b-Styrene)

Sample #: P42830B-EG-S-SH

Structure:

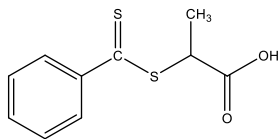


Composition:

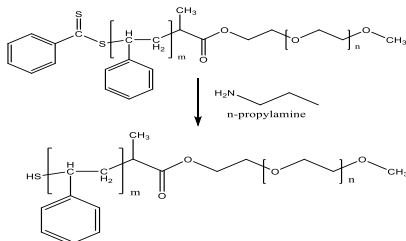
Mn x 10 ³ EG-b-S	Mw/Mn (PDI)
2.0-b-38.0	1.06

Synthesis Procedure:

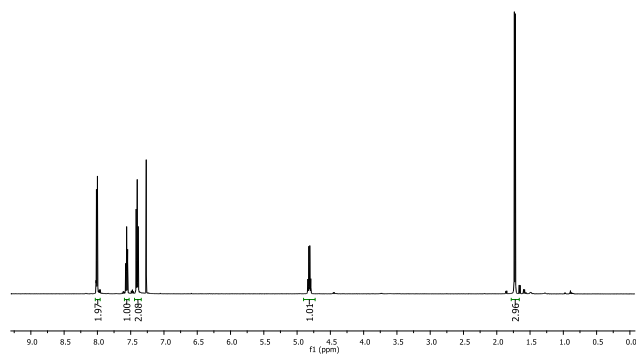
The polymer was synthesized by RAFT polymerization process using following RAFT reagent:



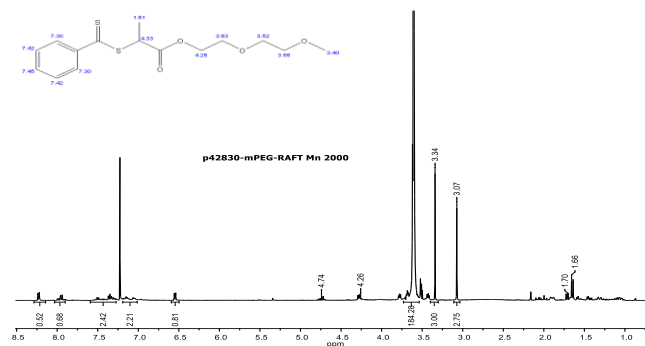
Lot#: P60007



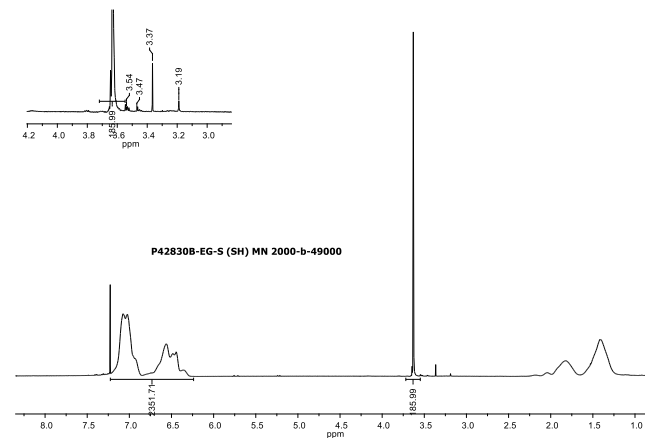
¹H-NMR spectrum (400 MHz, CDCl₃-d) of RAFT:



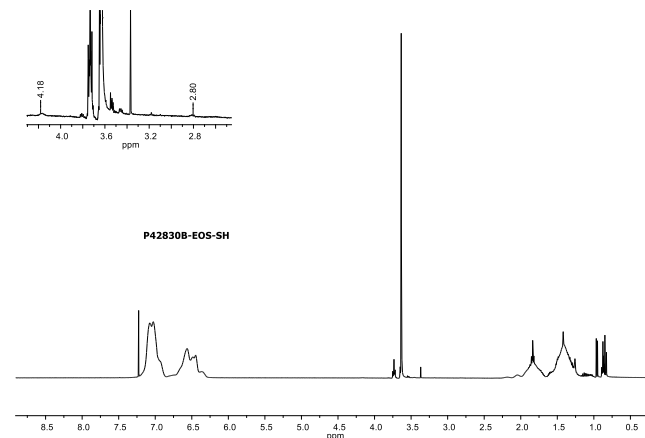
¹H-NMR spectrum (400 MHz, CDCl₃) of the mPEG-RAFT:



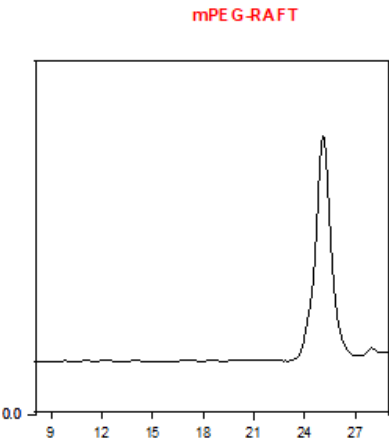
¹H-NMR spectrum (400 MHz, CDCl₃) of the EG-b-S RAFT:



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



SEC elugram of mPEG-RAFT:



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

SEC elugram of the sample:

