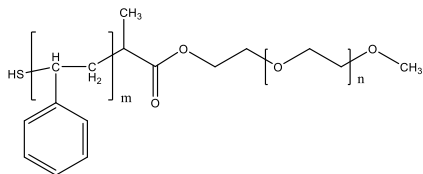


Sample Name: α -Methoxy- ω -thiol terminated Poly (ethylene oxide-b-Styrene)

Sample #: P42830A-EG-S-SH

Structure:

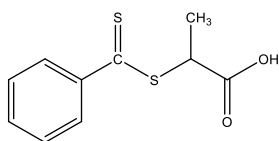


Composition:

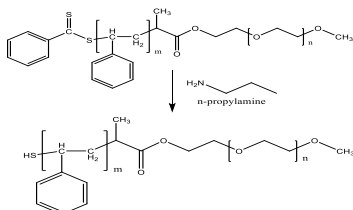
| Mn x 10 ³ EG-b-S | Mw/Mn (PDI) |
|--------------------------------|-------------|
| 2.0-b-38.0 | 1.06 |

Synthesis Procedure:

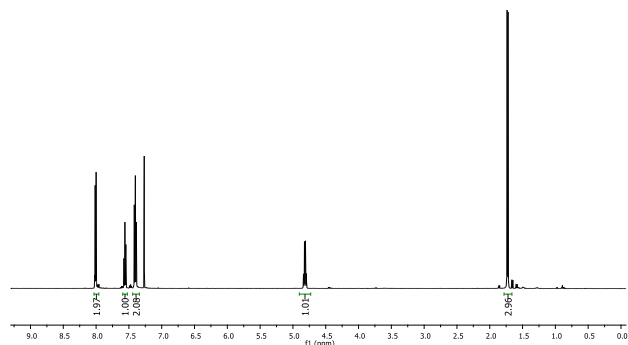
The polymer was synthesized by RAFT polymerization process using following RAFT reagent:



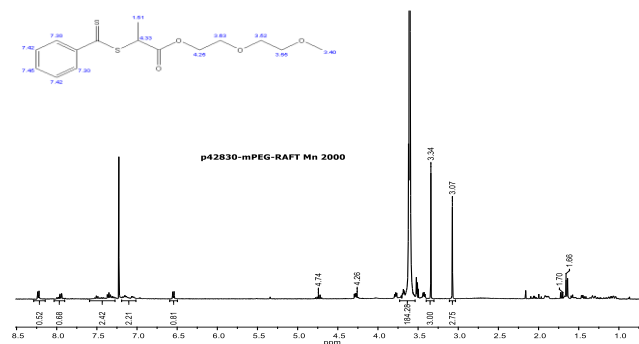
Lot#: P60007



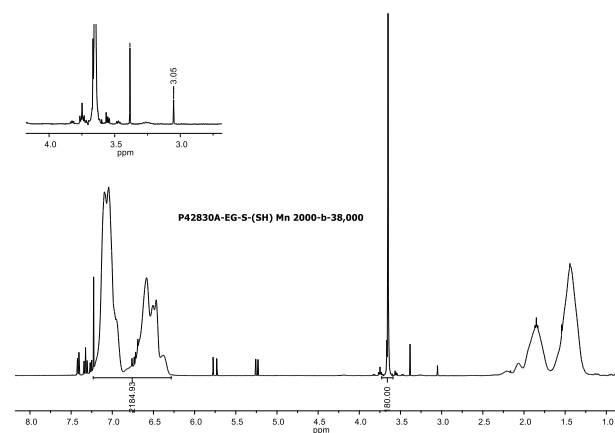
¹H-NMR spectrum (400 MHz, CDCl₃-d) of RAFT:



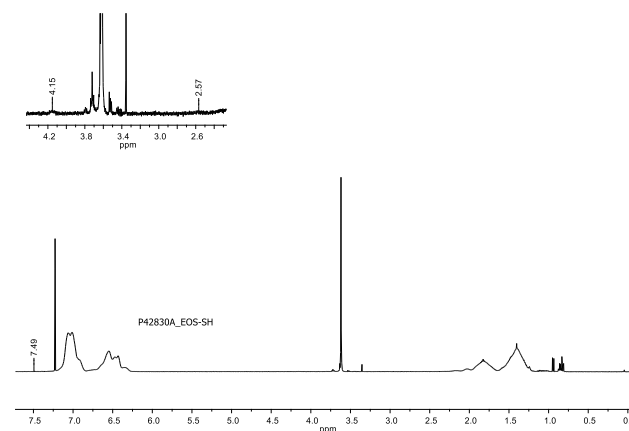
¹H-NMR spectrum (400 MHz, CDCl₃) of the mPEG-RAFT:



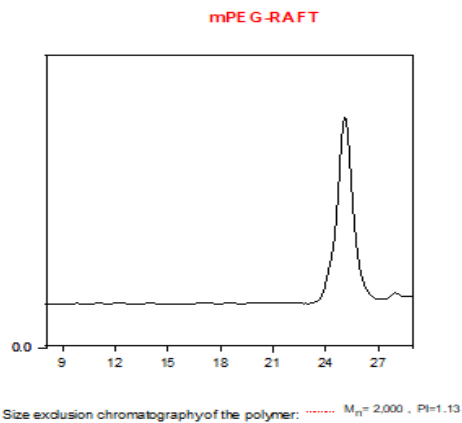
¹H-NMR spectrum (400 MHz, CDCl₃) of the EG-b-S RAFT:



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



SEC elugram of the mPEG-RAFT:



SEC elugram of the Sample:

