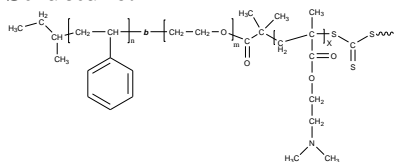


Sample Name: Poly(styrene-b-ethylene oxide-N,N-dimethyl amino ethyl methacrylate)

Sample #: P41689-SEODMAEMA

Structure:

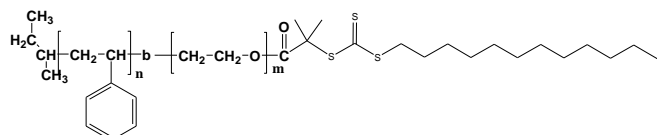


Composition:

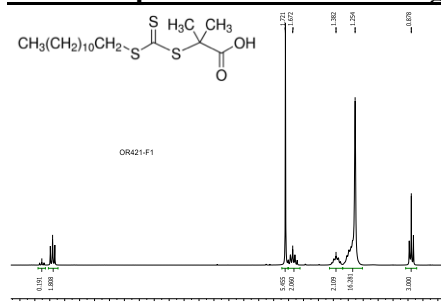
Mn x 10 ³ S-b-EO-b-DMAEMA	Mw/Mn (PDI)
10.0-b-11.5-b-11.5	1.4
T _g for PS block: 80°C	T _g for DMAEMA block: Not distinct

Synthesis Procedure:

The polymer was synthesized by RAFT polymerization process using following macroinitiator (lot# P41521).



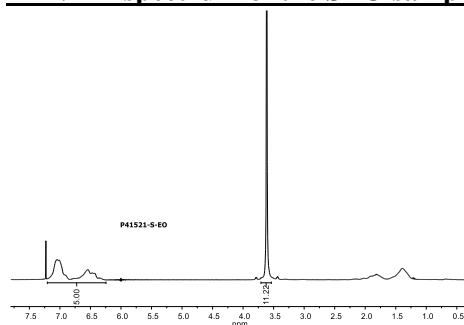
¹H NMR spectrum of the Raft reagent:



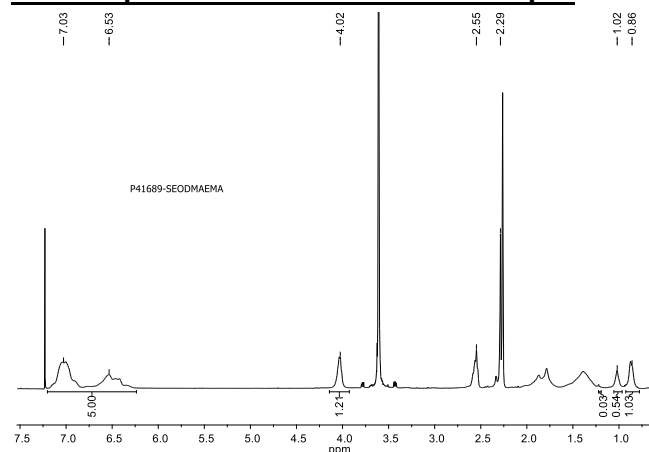
Characterization:

The product was characterized by size exclusion chromatography (SEC) and ¹H NMR.

¹H NMR spectrum of the SEO sample:

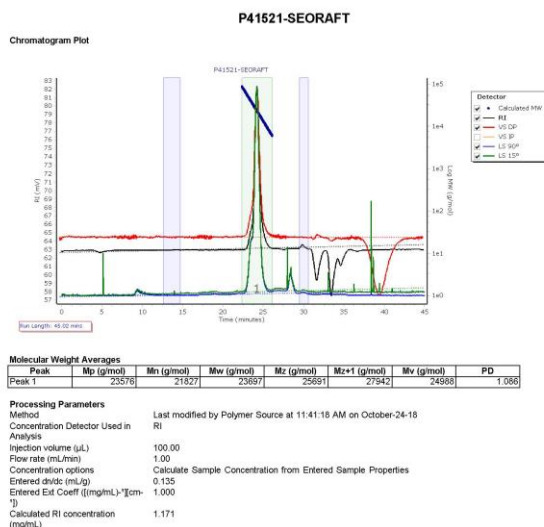


HNMR spectrum of SEODMAEMA Sample:



SEC profile of the SEO Sample:

Agilent GPC/SEC Software



SEC profile of the SEODMAEMA Sample:

Agilent GPC/SEC Software

