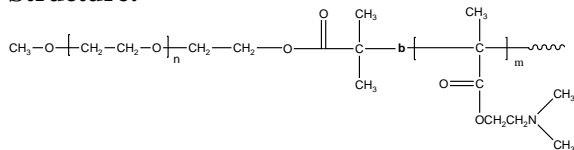


Sample Name: Poly(ethylene oxide)-b-poly(N,N-dimethylaminoethyl methacrylate)

Sample #: P43946-EODMAEMA

Structure:



Composition:

Mn x 10 ³ PEO-b-PDMAEMA	PDI
5.0-b-10.5	2.1

Synthesis Procedure:

The polymer was synthesized by anionic and controlled radical processes.

Characterization:

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

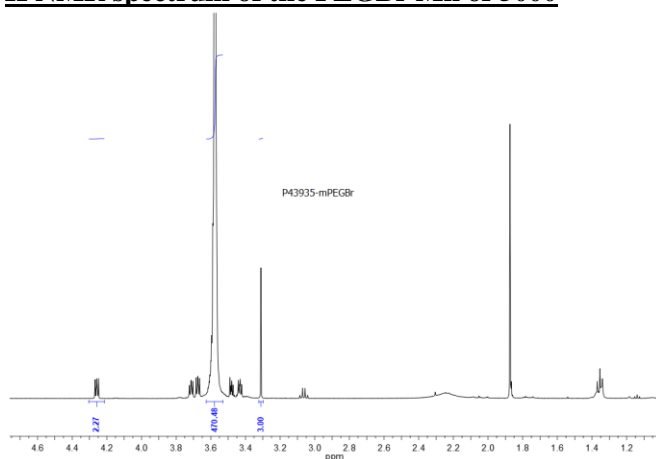
Purification:

The polymer purified further and any un-reacted homopolyethylene oxide removed from the diblock copolymer.

Solubility:

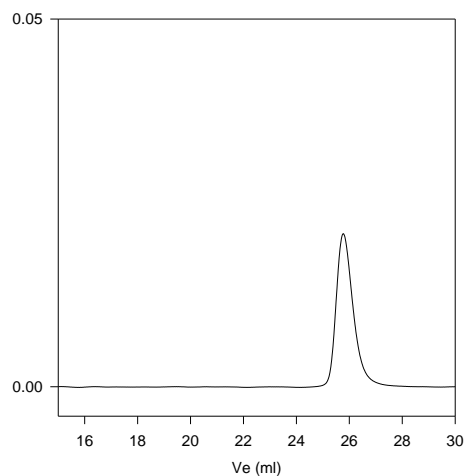
The polymer is soluble in water.

H NMR spectrum of the PEGBr Mn of 5000



SEC profile of the EGOCH3Br Sample:

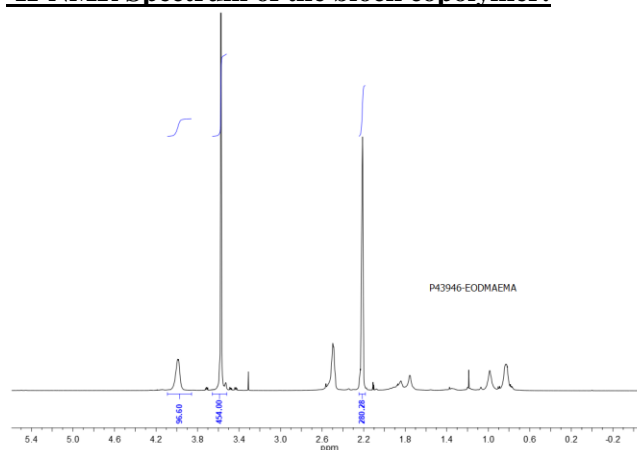
P43935-EGOCH3Br



Size exclusion chromatography:

— Bromo terminated Poly(ethylene glycol methyl ether),
M_n=5,000, M_w=5,400, PI=1.06

¹H-NMR Spectrum of the block copolymer:



SEC elugram of the Sample:

