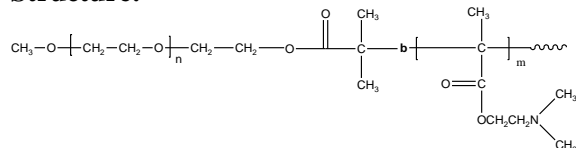


**Sample Name:** Poly(ethylene oxide)-b-poly(N,N-dimethylaminoethyl methacrylate)

**Sample #:** P43273-EODMAEMA

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup> PEO-b-PDMAEMA	PDI
5.0-b-11.5	1.15

**Synthesis Procedure:**

The polymer was synthesized by anionic and controlled radical processes.

**Characterization:**

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

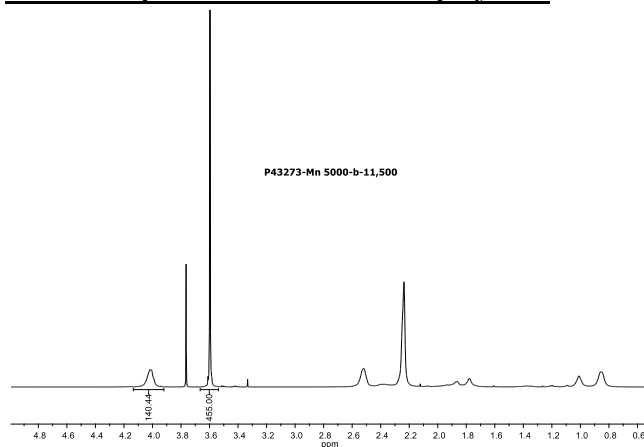
**Purification:**

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

**Solubility:**

The polymer is soluble in water.

**<sup>1</sup>H-NMR Spectrum of the block copolymer:**



**SEC elugram of the Sample:**

