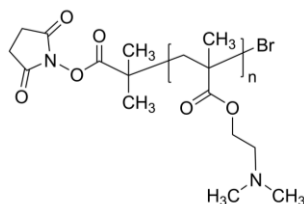


Sample Name: Poly(N,N-dimethylaminoethyl methacrylate), α -(N-hydroxysuccinimidyl)-terminated

Sample #: P60703A-DMAEMA-NHS

Structure:

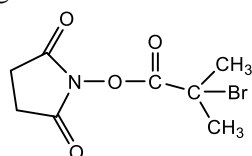


Composition:

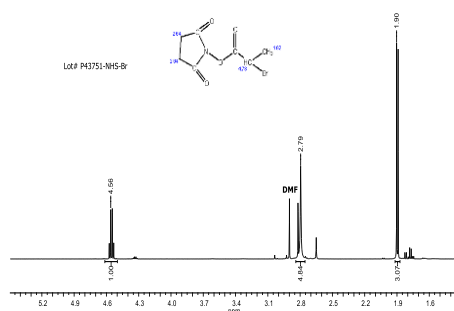
$M_n \times 10^3$	PDI
22.5	1.02

Synthesis Procedure:

The polymer was synthesized by ATRP polymerization process using following ATRP Reagent:



^1H NMR spectrum of ATRP (400 MHz, CDCl_3):



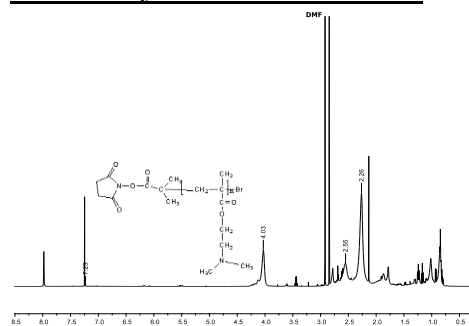
Characterization:

The product was characterized by size exclusion chromatography (SEC) and ^1H NMR data analysis, and FTIR for qualitative analysis.

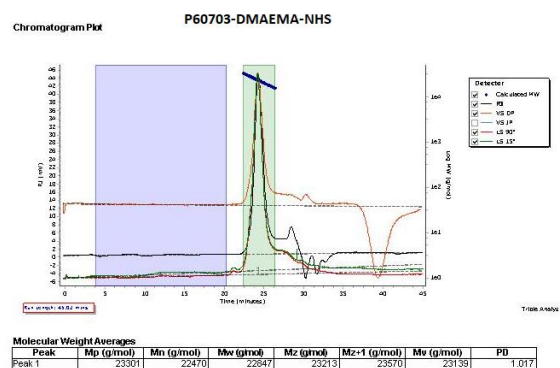
Solubility:

Polymer is soluble in water.

^1H NMR spectrum of the monomer run CdCl_2 Poly NNDMAEMA-NHS:



SEC elugram of the Sample:



FTIR spectrum of the Sample:

