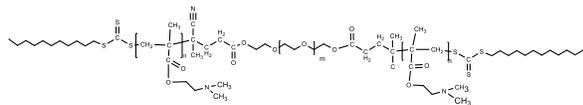


### Sample Name:

**Poly(N,N-dimethylamino ethyl methacrylate)-b-poly(ethylene oxide)-b-poly(N,N-dimethylamino ethyl methacrylate)**

**Sample #:** P43969-DMAEMAEODEAEMA

### Structure:

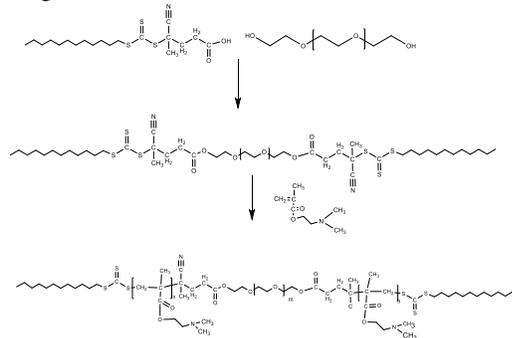


### Composition:

Mn x 10 <sup>3</sup>	PDI
PDMAEMA-b-EO-DEAEMA	
13.0-b-10.0-13.0	1.29

### Synthesis Procedure:

RAFT terminated Poly(ethylene glycol) was prepared by reaction of OH terminated PEG with RAFT reagent.



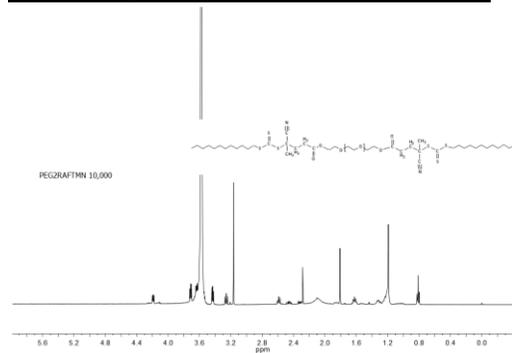
### Characterization:

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

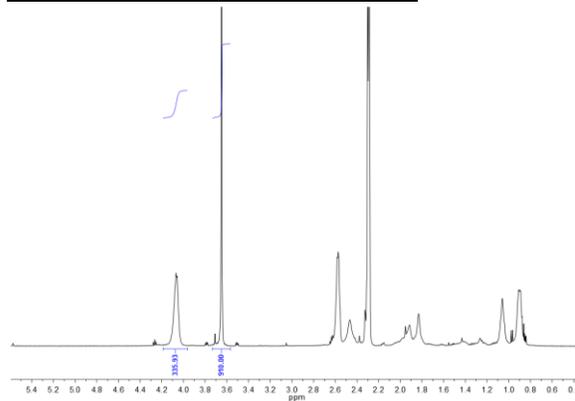
### Solubility:

Polymer is soluble in water, methanol, ethanol, THF.

### H NMR spectrum of the PEG-2RAFT:



### HNMR spectrum of the product:



### SEC profile of the Sample:

