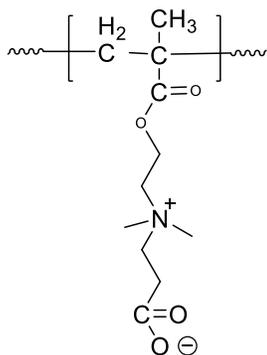


Sample Name:

Poly(carboxybetaine methacrylate)
(CBMA) based on (N,N-dimethylaminoethyl methacrylate)

Sample #: **P43944-CBMA**

Structure:



Composition:

Mn × 10 ³	PDI
50.0	1.02

Synthesis Procedure:

The polymer was synthesized by RAFT polymerization process.

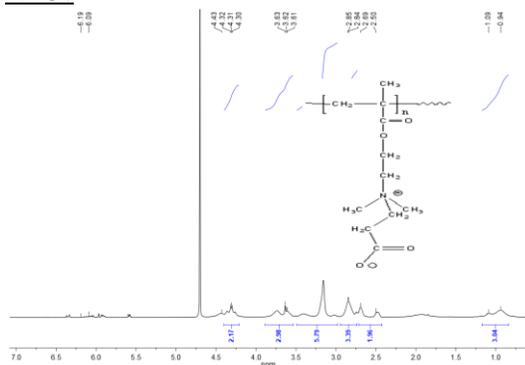
Characterization:

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

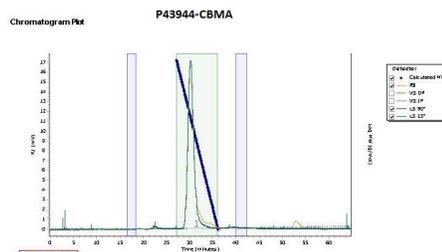
Solubility:

Polymer is soluble in water.

HNMR spectrum of the polymer run in D2O:



SEC elugram of Homopolymer:



Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz-1 (g/mol)	Mz (g/mol)	PDI
Peak 1	51000	49700	50200	50200	51000	50500	1.011