

# The Influence of Synthesis Method on Characteristics of Buffer and Organic Solutions of Thermo- and pH-Responsive Poly(N-[3-(diethylamino)propyl]methacrylamide)s

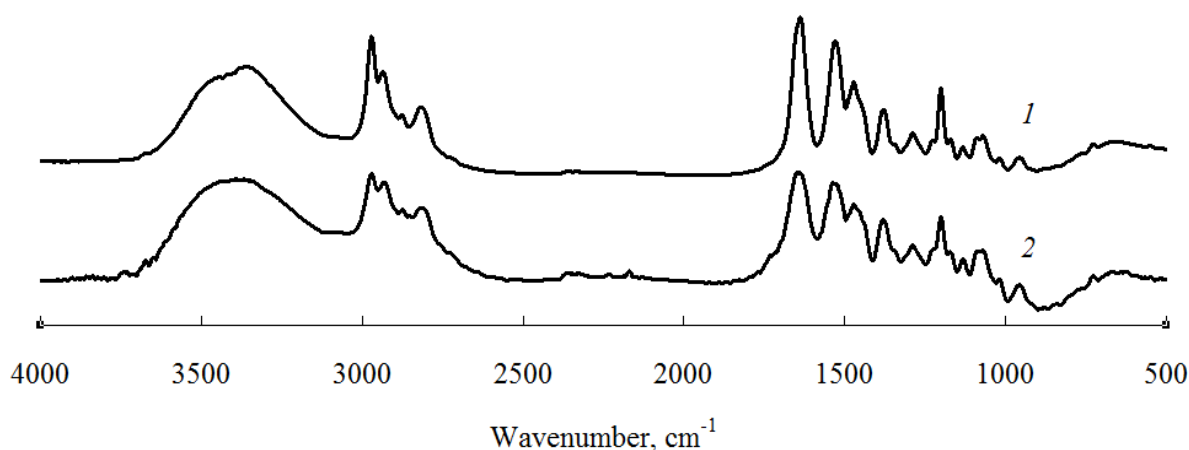
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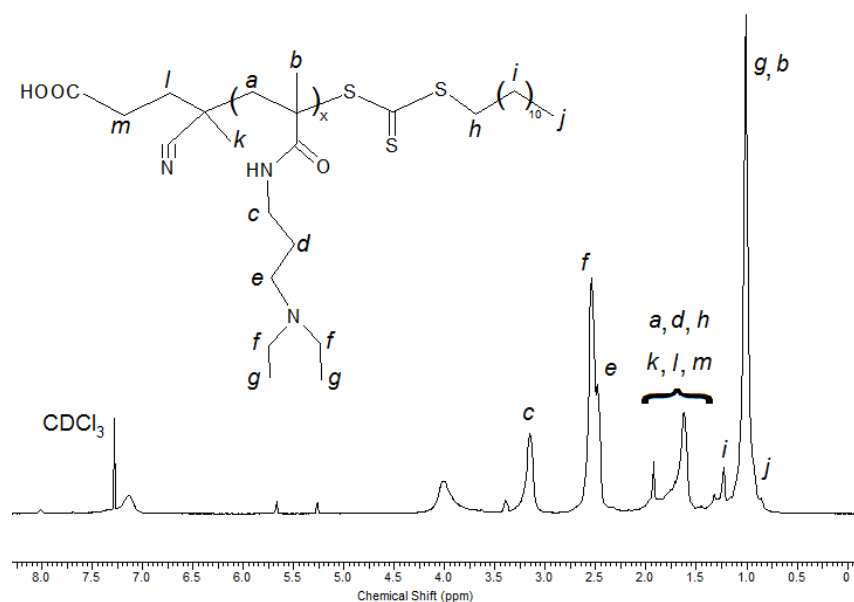
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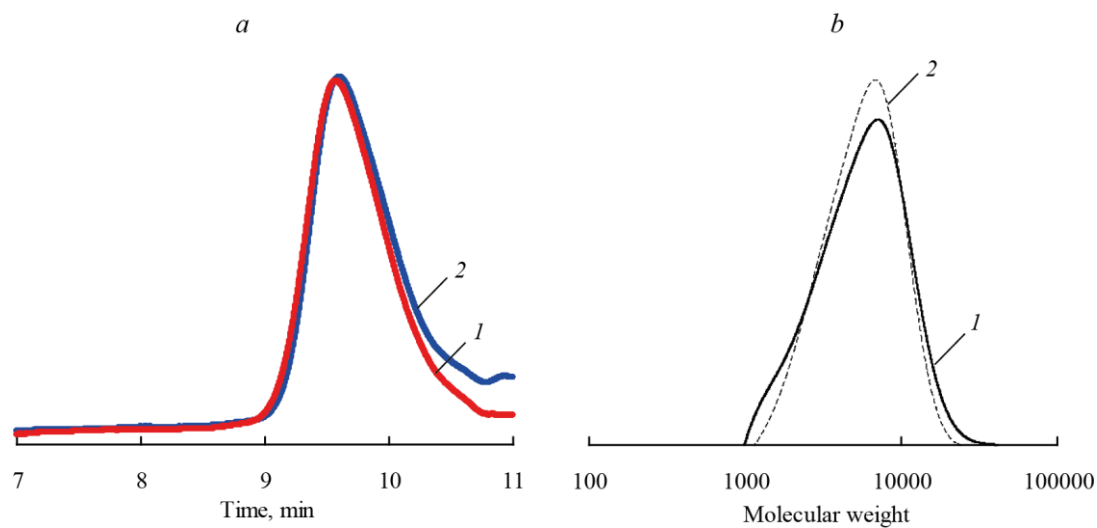
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**Figure S1.** IR spectra of the PDEAPMA-C (1) and PDEAPMA-R (2).



**Figure S2.**  $^1\text{H}$  NMR spectrum of the PDEAPMA-R.



**Figure S3.** Figure S3: SEC traces (a) and molecular weight distribution (b) for the PDEAPMA-C (1) and PDEAPMA-R (2).