Supporting Information

Formation and Properties of Chitosan–Cellulose Nanocrystal Polyelectrolyte–Macroion Complexes for Drug Delivery Applications

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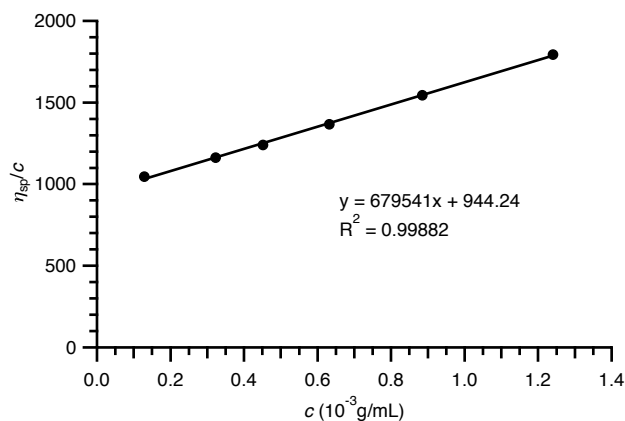*Corresponding author. E-mail: maren.roman@vt.edu. Tel: +1 540-231-1421. Fax: +1 540-231-8176.

Figure S1. Plot of the reduced viscosity, η_{sp}/c, versus concentration, c, for determination of the intrinsic viscosity of the purified chitosan
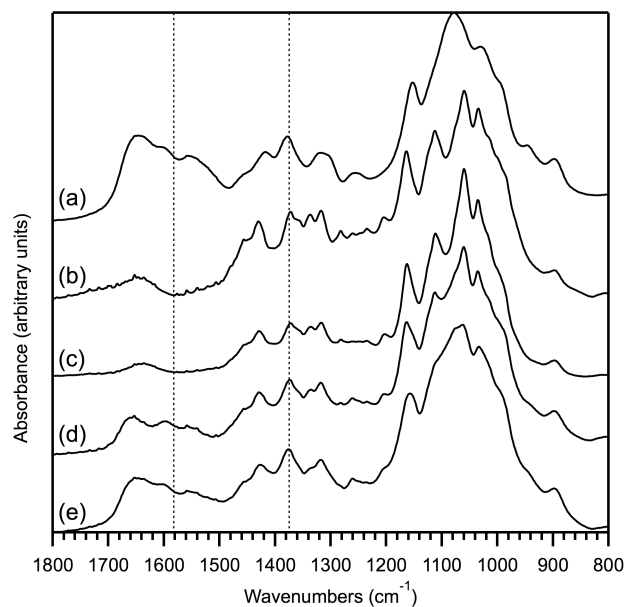
Figure S2. Fingerprint regions of the FTIR spectra shown in Figure 6. The ratios of the absorbances at 1581 and 1375 cm^{-1} (A_{1581}/A_{1375}) were used for quantification of the chitosan content.
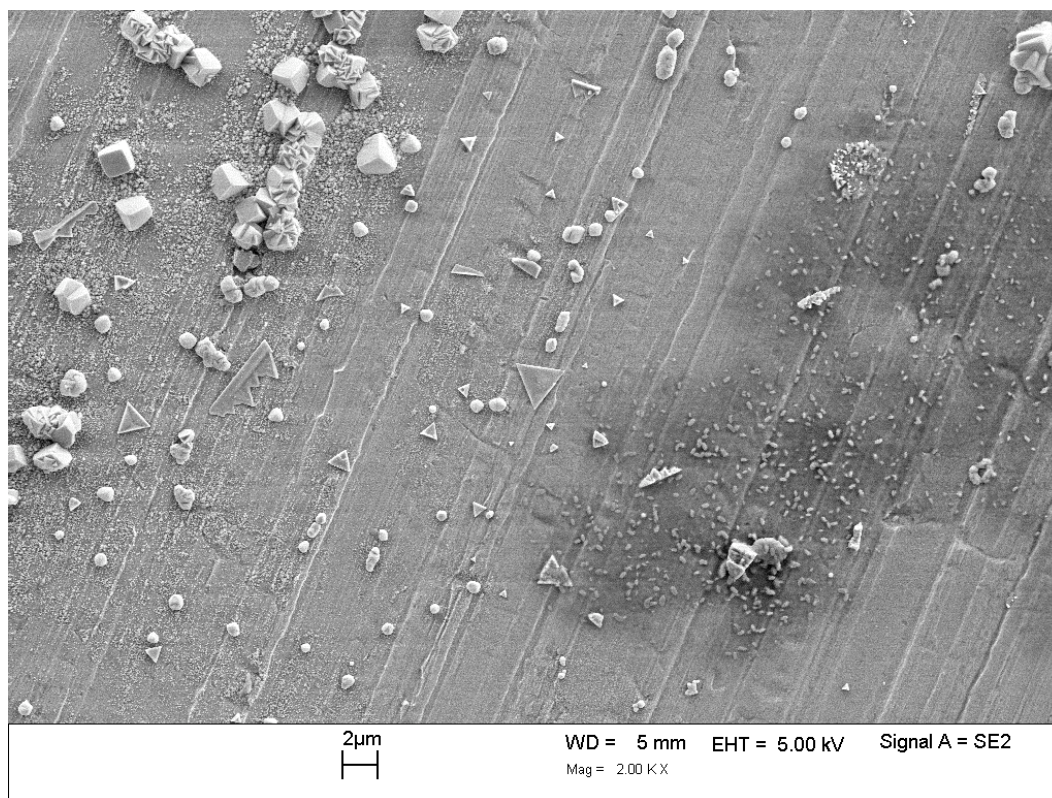

Figure S3. FE-SEM image of PMC particles showing salt crystals and other artifacts.
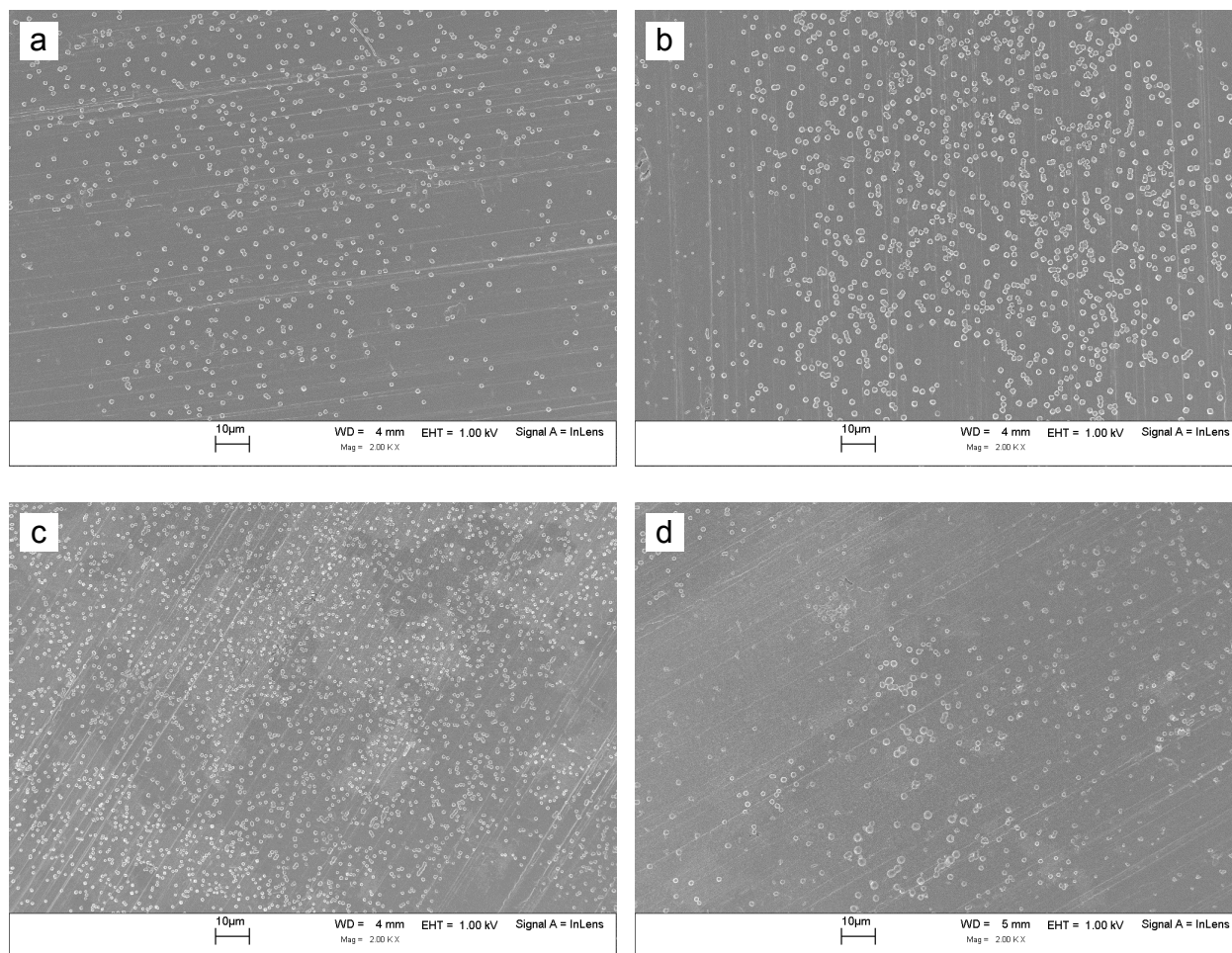
Figure S4. Lower magnification images of select images of Figure 7; reaction mixture N/S ratios of (a) 0.33, (b) 0.66, (c) 0.99, (d) 1.66.