Supplementary

A Comparison of Hemostatic Activities of Zeolite-Based Formulary Finishes on Cotton Dressings

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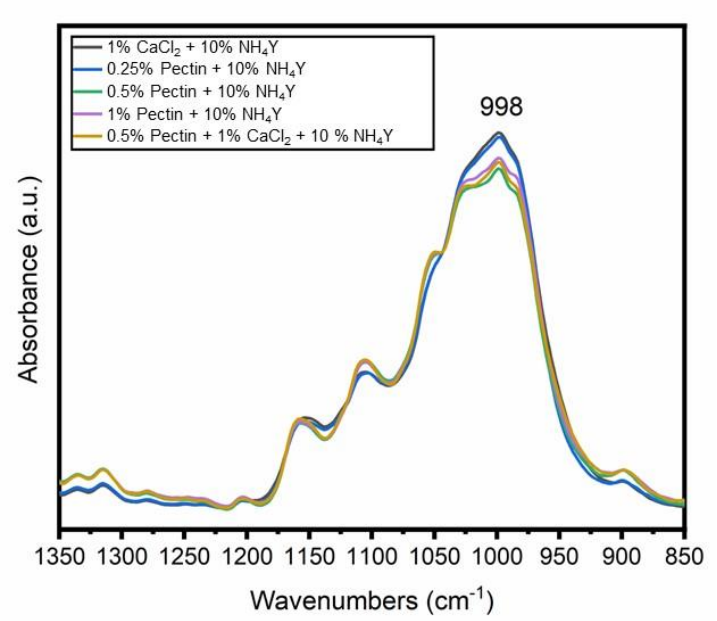


Figure S1. FTIR spectra of TGz fabrics treated with NH_4Y zeolite and various amounts of the pectin and $CaCl_2$. Spectra are presented normalized to 1050 cm^{-1} and as the average of 4 examination spots. A relative increase in the intensity of the 998 cm^{-1} peak is observed for gauze fabrics following treatment with NH_4Y zeolite and one other component.

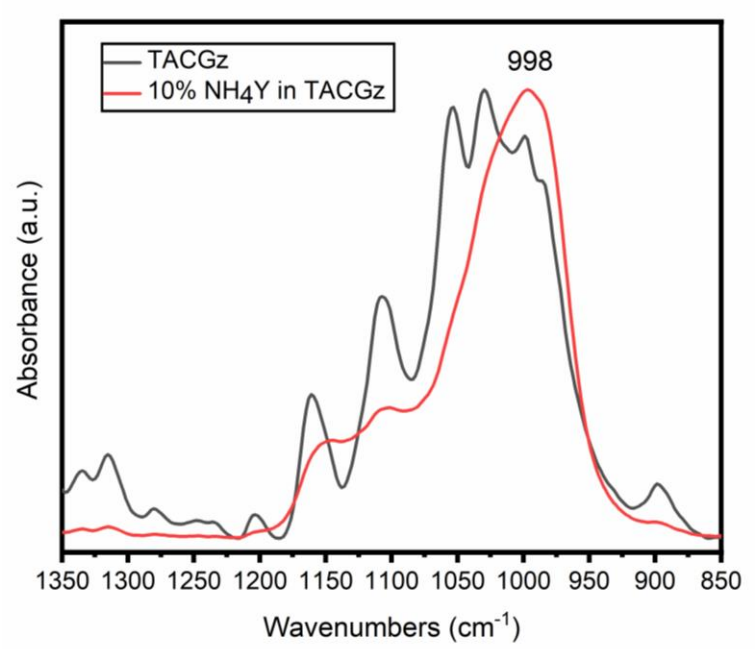


Figure S2. FTIR spectra of a TACGz gauze (black trace) and of NH_4Y zeolite on the gauze (red trace). Spectra are presented normalized to their highest peak, and as the average of 4 examination spots.

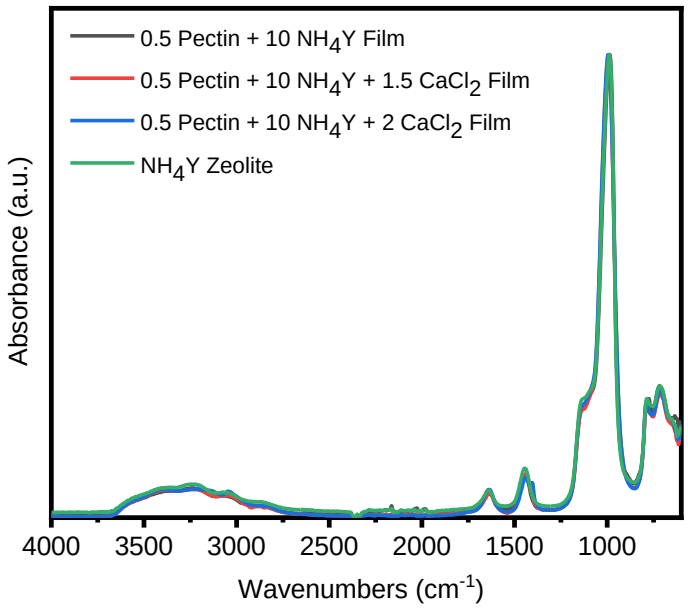


Figure S3. FTIR of ammonium Y zeolite(10%) and pectin(0.5%) films with/without addition of calcium chloride 1.5% and 2% respectively, and the zeolite powder control. This is the full spectrum of 6b.