

SUPPORTING INFORMATION

Engineered Cross-Linked Silane with Urea Polymer Thin Durable Coating onto Polymeric Films for Controlled Antiviral Release of Activated Chlorine and Essential Oils

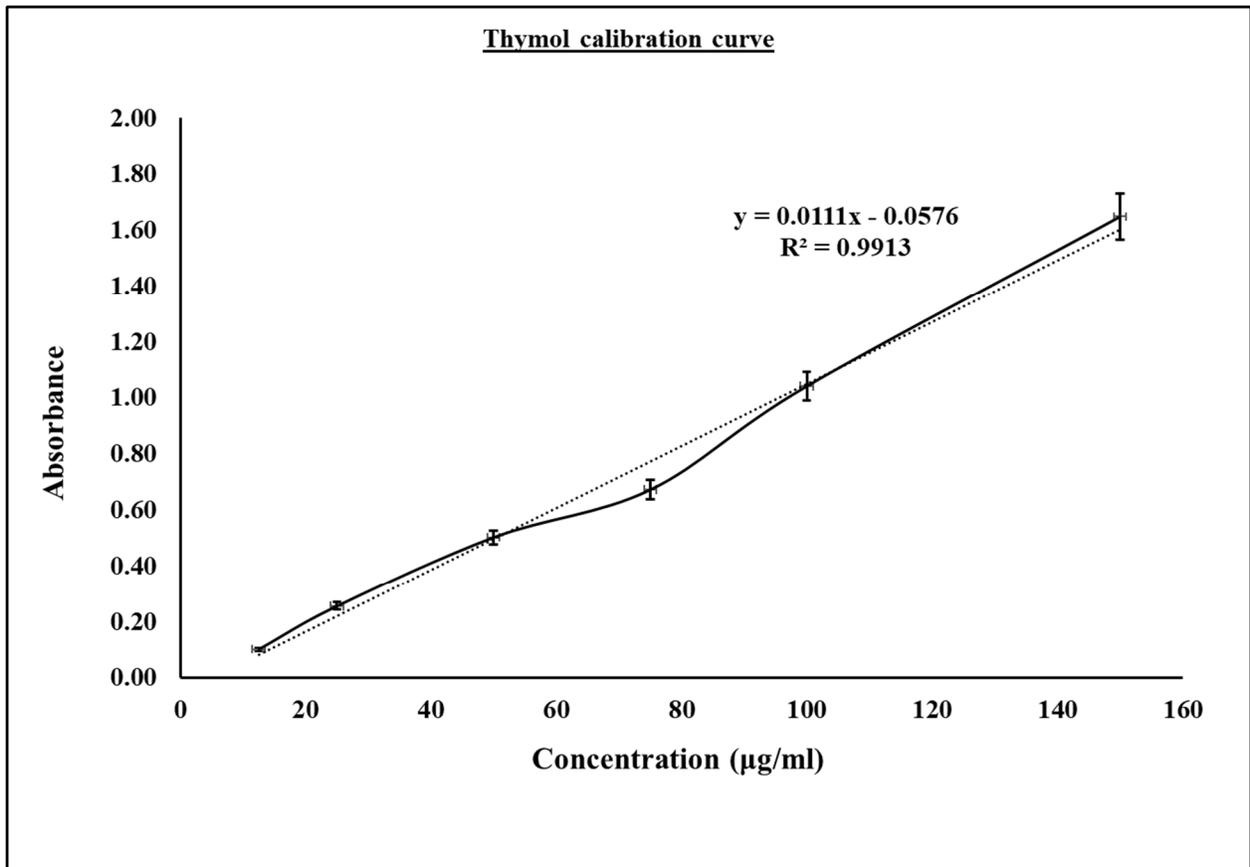


Figure S1: Thymol calibration curve.

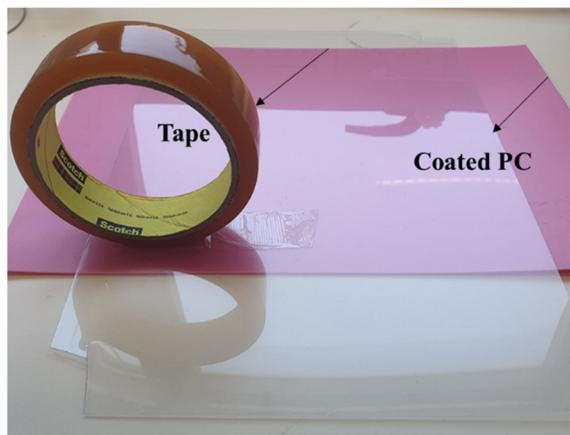


Figure S2: Adhesive test of coated film by tape. The tape was firmly pressed onto the PC/SiO₂-urea film and slowly peeled off. After 25 repetitions, the ATR test was applied to the film.

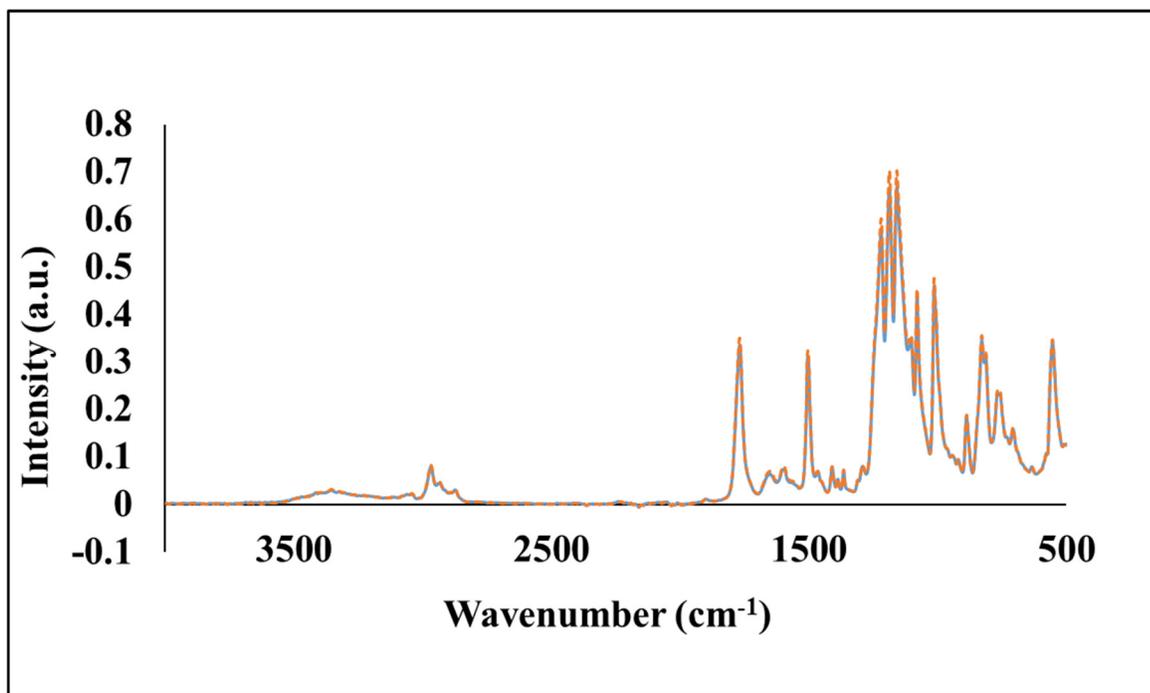


Figure S3: FTIR spectra of PC/SiO₂-urea before (blue) and after (orange) tape test.

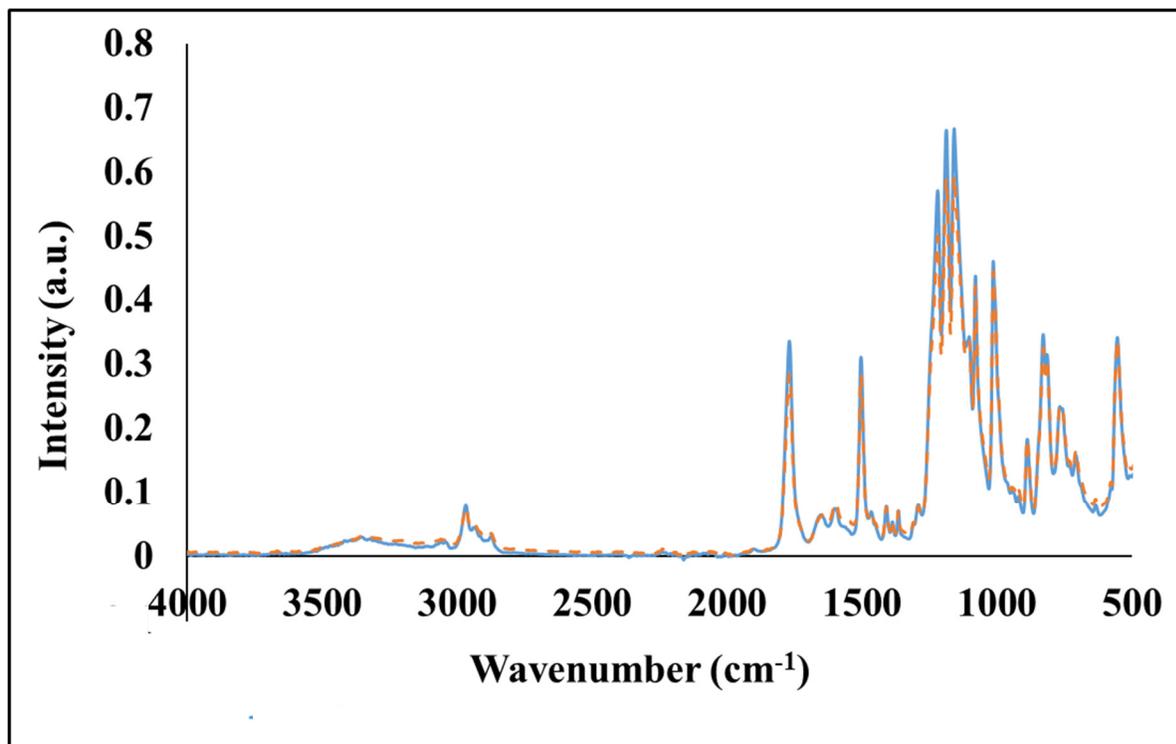


Figure S4: FTIR spectra of PC/SiO₂-urea before (blue) and after (orange) 6-month soaking test in water.