

Figure S-1: ATR-FTIR spectrum of nanofibrils (S-14 5% in water) and its decomposition into 4 Gaussian Curves centered at 1620 cm^{-1} and 1685 cm^{-1} (antiparallel beta sheet), 1640 cm^{-1} (random coil) and 1660 cm^{-1} (beta turn). Form the surfaces under the curves, 5 carbonyls H-bonds are involved in the antiparallel beta sheet, 3 in the turn and 6 in random coil.

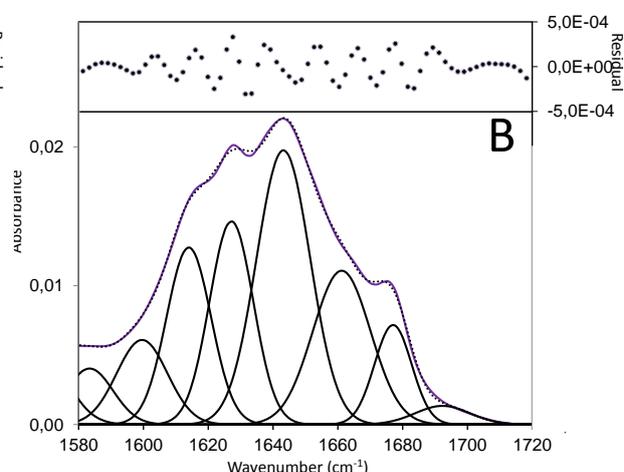
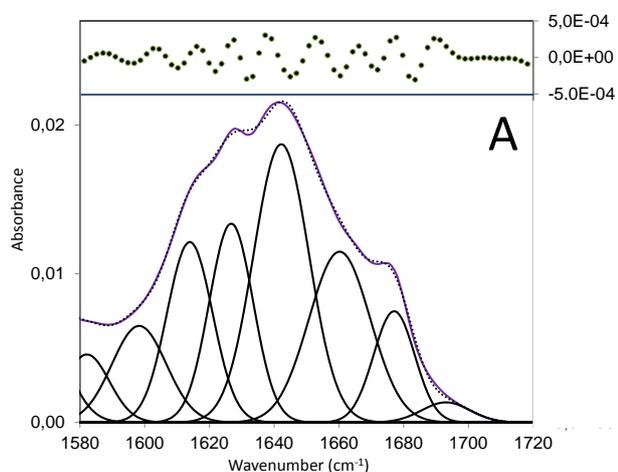
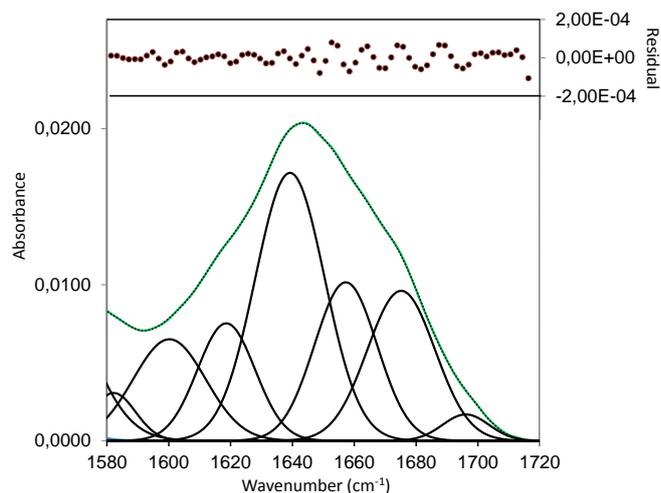


Figure S-2 : ATR-FTIR spectrum of nanofibers (S-14 15% in water (A) an in NaCl 150mM (B)) and their decompositions into 5 Gaussian Curves centered at 1615 cm^{-1} and 1685 cm^{-1} (antiparallel beta sheet), 1627 cm^{-1} (parallel beta sheet), 1640 cm^{-1} (random coil) and 1660 cm^{-1} (beta turn). Form the surfaces under the curves, 4 carbonyls H-bonds are involved in the antiparallel beta sheet, 3 in the parallel beta sheet, 3 in the turn and 4 in random coil.

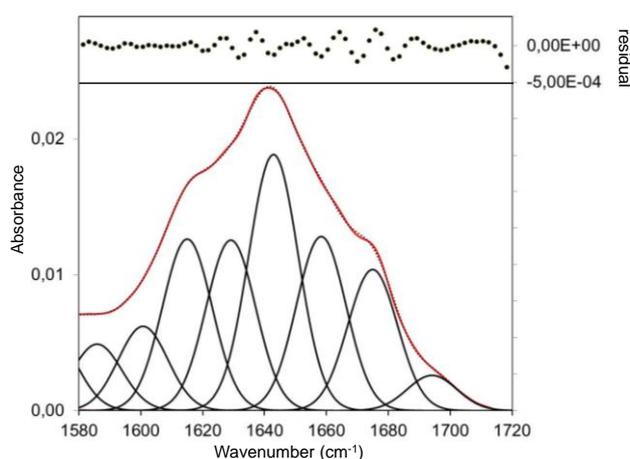


Figure S-3: ATR-FTIR spectrum of spherulites (S-14 5% in NaCl 150mM) and its decomposition into 5 Gaussian Curves centered at 1615 cm^{-1} and 1685 cm^{-1} (antiparallel beta sheet), 1627 cm^{-1} (parallel beta sheet), 1640 cm^{-1} (random coil) and 1660 cm^{-1} (beta turn). Form the surfaces under the curves, 4 carbonyls H-bonds are involved in the antiparallel beta sheet, 3 in the parallel beta sheet, 3 in the turn and 4 in random coil.