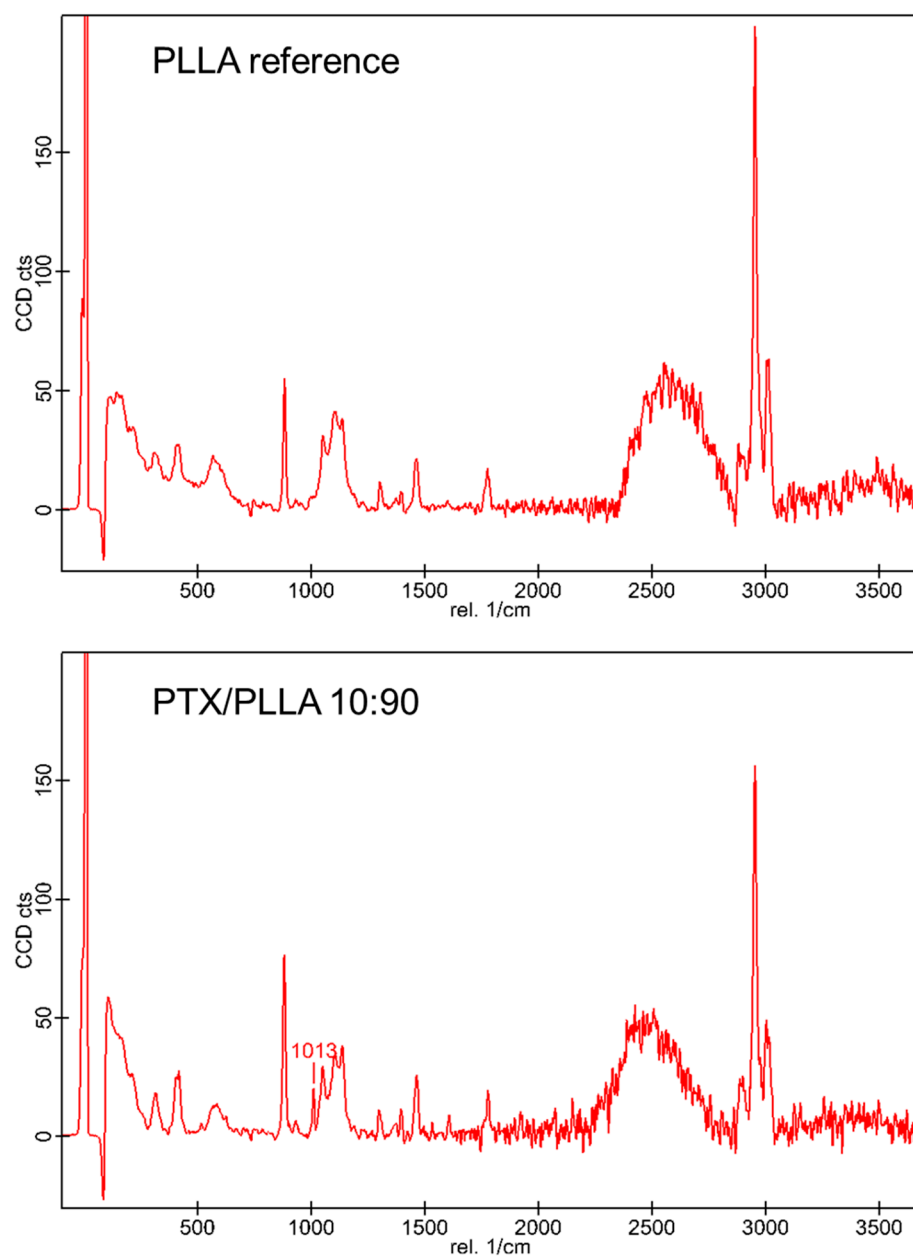


Supplement data:

Figure S1: Raman spectra of PLLA and PLLA with incorporated drugs at a ratio of drug/PLLA = 10/90 w/w%



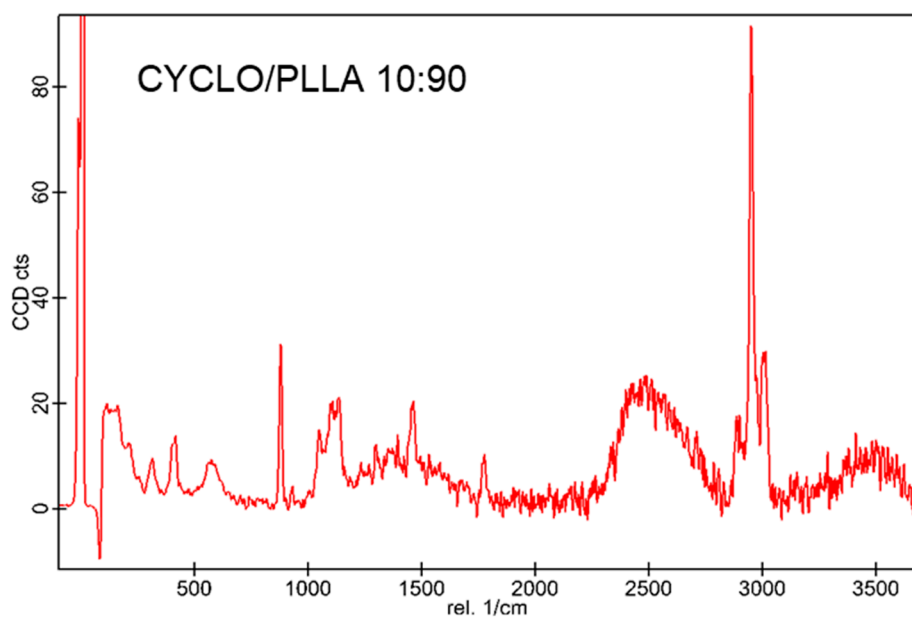
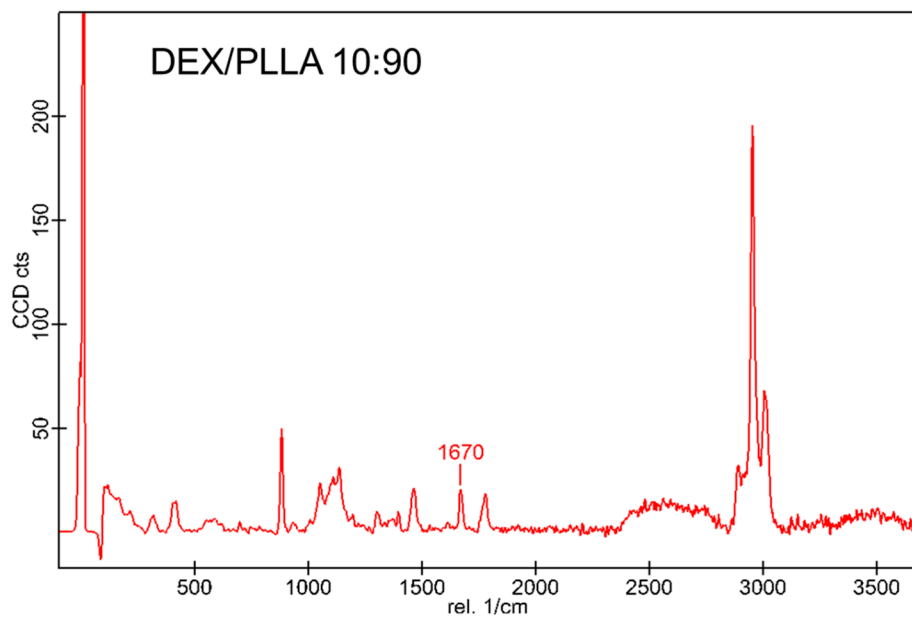
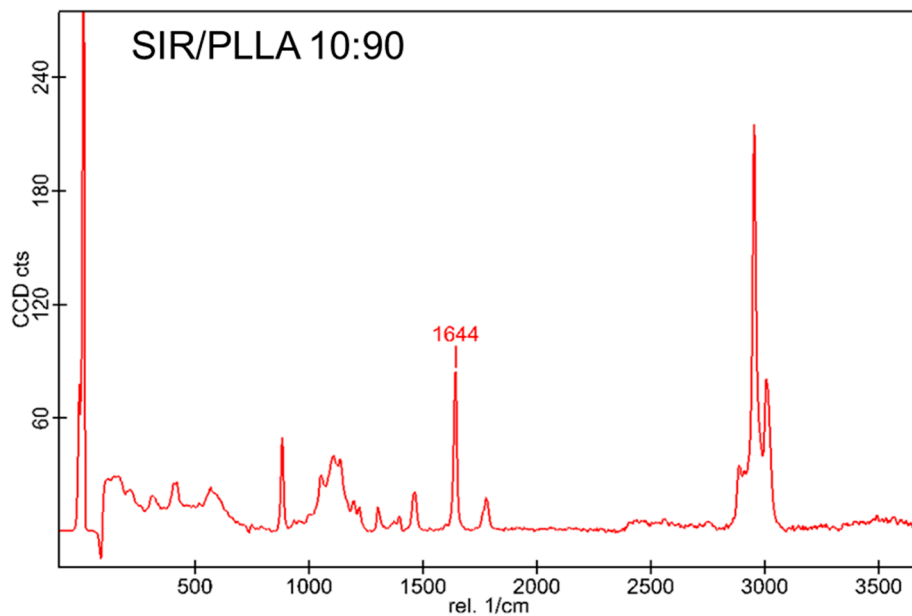


Figure S2: IR spectra of PLLA and PLLA with incorporated cyclosporine A at a ratio of CYCLO/PLLA = 10/90 w/w% with assigned bands for determination of drug incorporation.

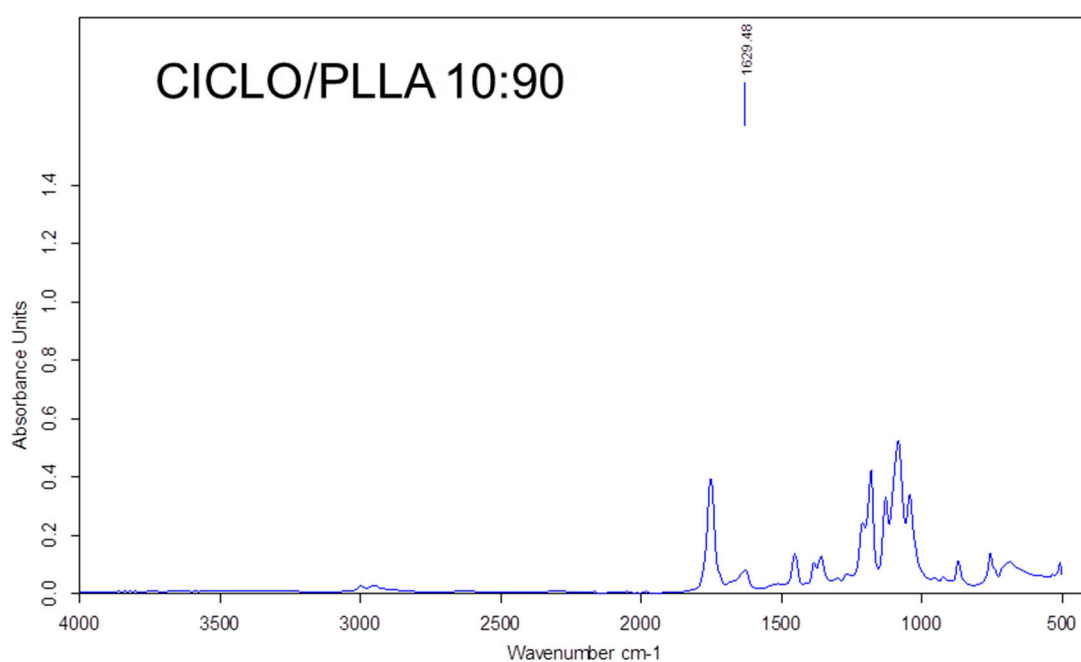
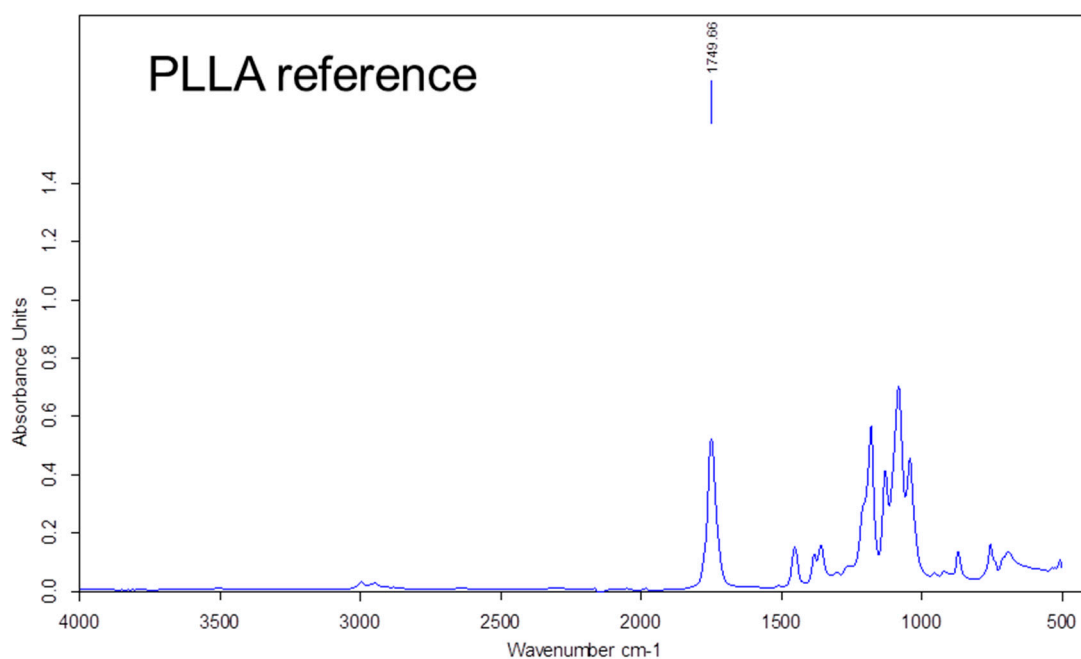


Figure S2.1: IR spectra of PLLA and PLLA with incorporated sirolimus at 10, 15 and 20 w/w% and sirolimus reference spectrum.

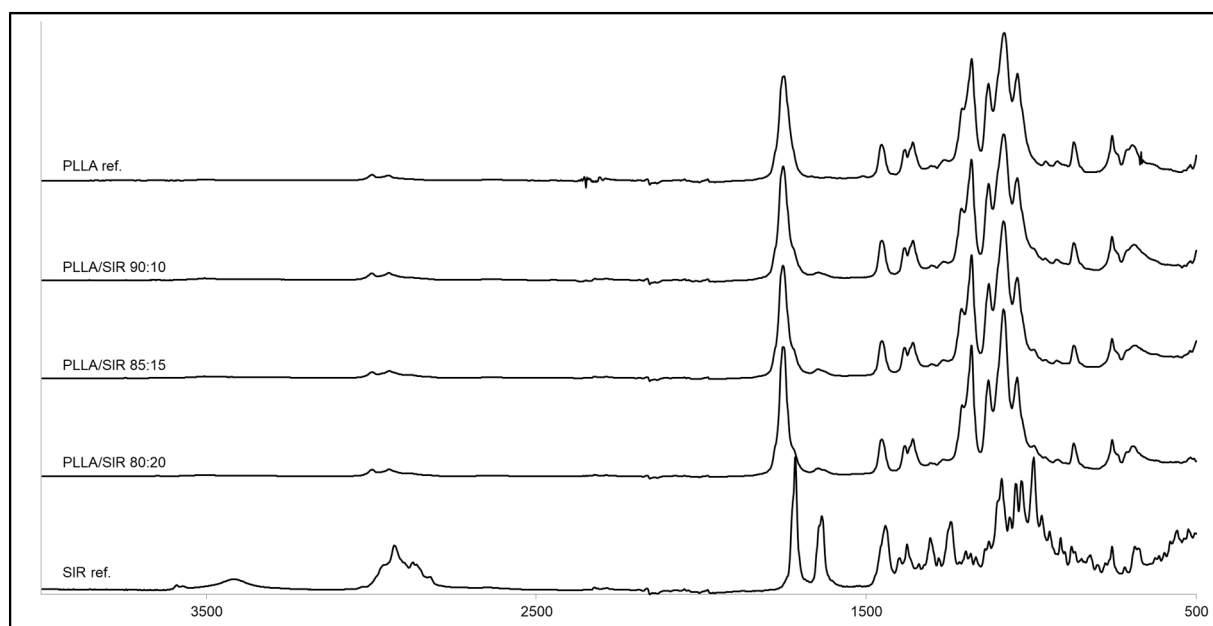


Figure S2.2: IR spectra of PLLA and PLLA with incorporated paclitaxel at 10, 15 and 20 w/w% and paclitaxel reference spectrum.

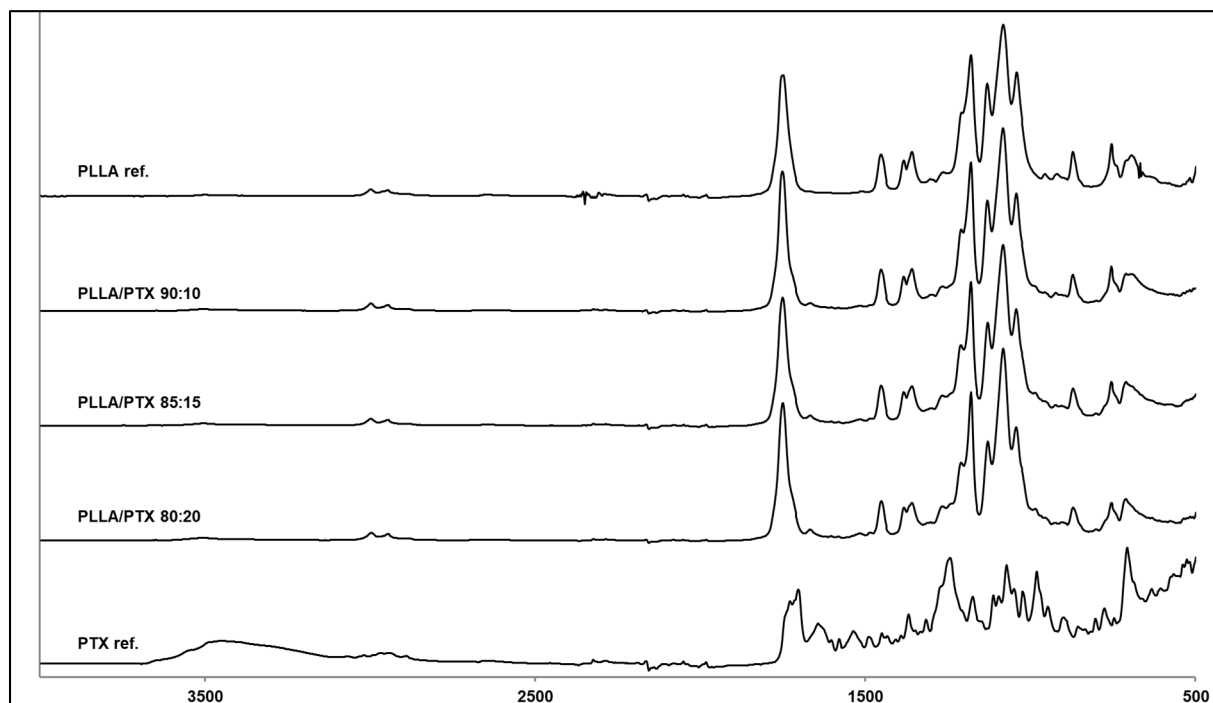


Figure S2.3: IR spectra of PLLA and PLLA with incorporated dexamethasone at 10, 15 and 20 w/w% and dexamethasone reference spectrum.

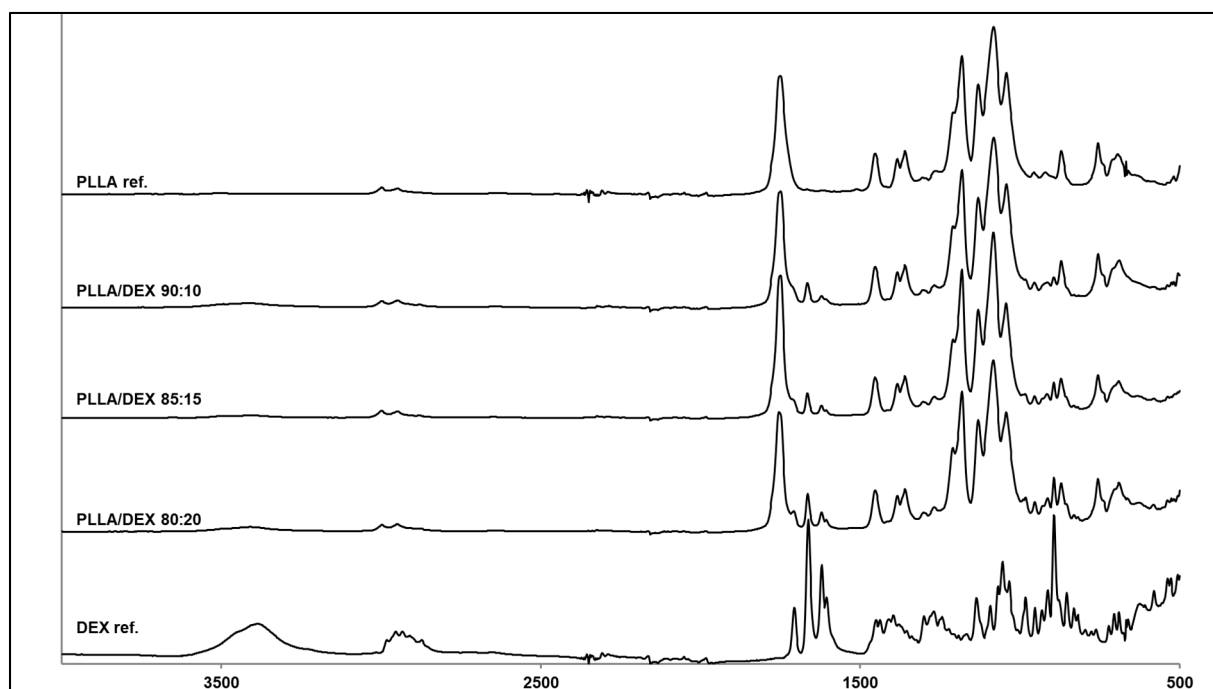


Figure S2.4: IR spectra of PLLA and PLLA with incorporated cyclosporine A at 10, 15 and 20 w/w% and cyclosporine A reference spectrum.

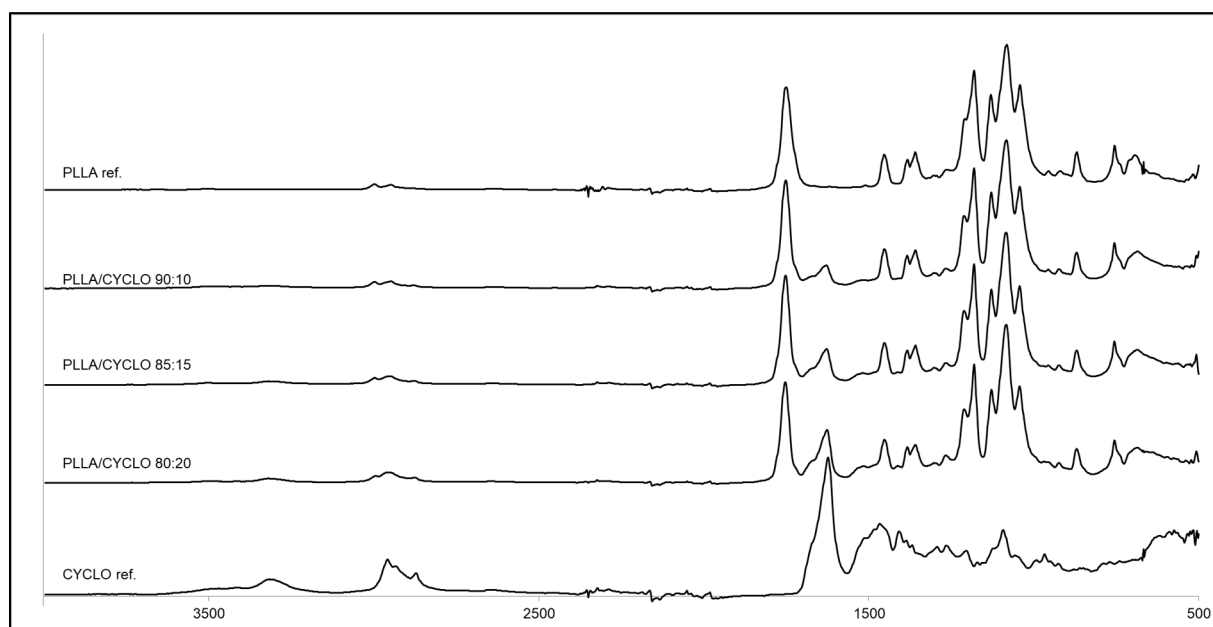


Figure S3: Macrophotographical images of polymer film cutouts of PLLA and drug loaded PLLA films.

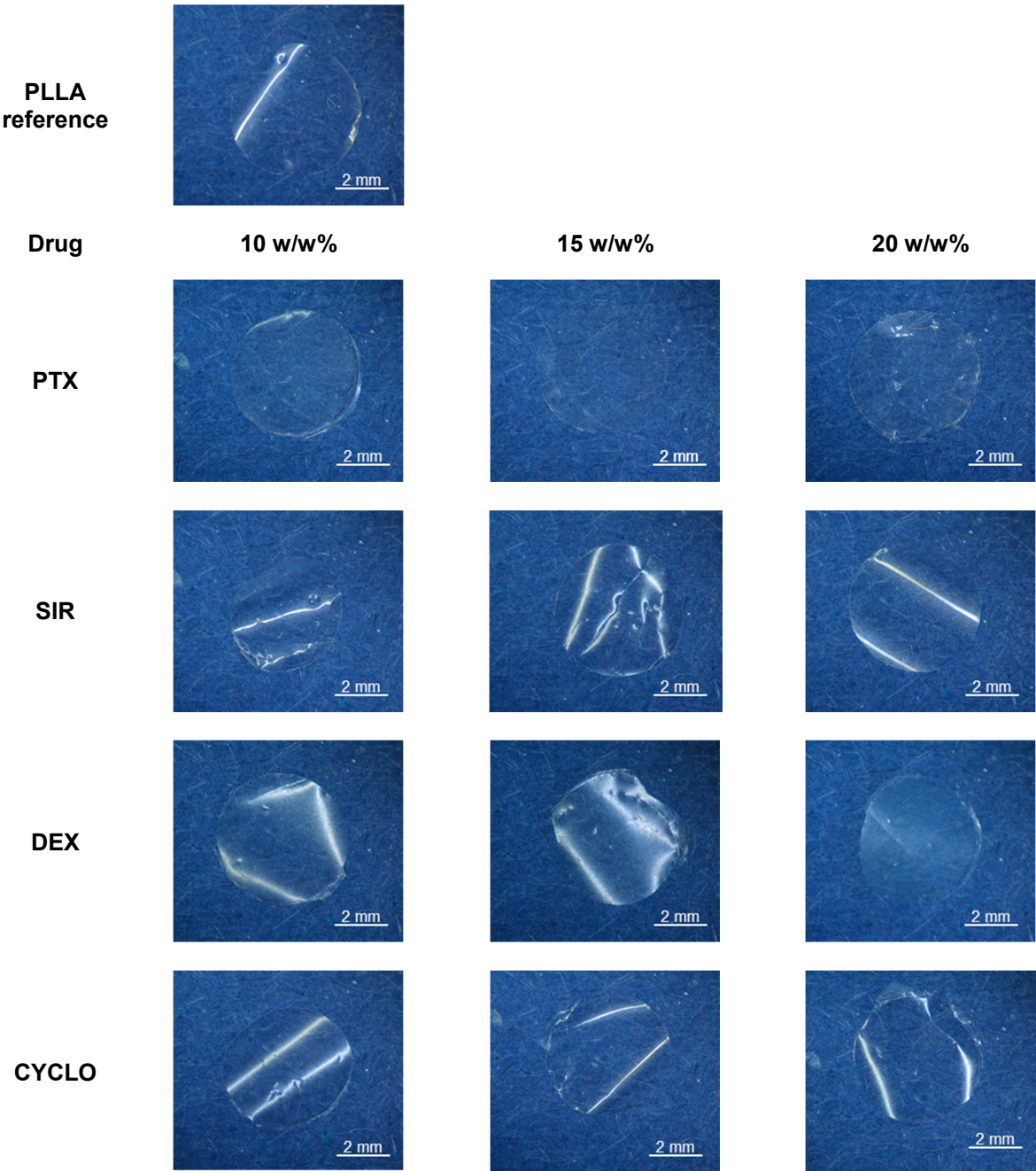


Figure S4: SEM images of pure PLLA film drug and loaded PLLA films obtained via spray-coating.

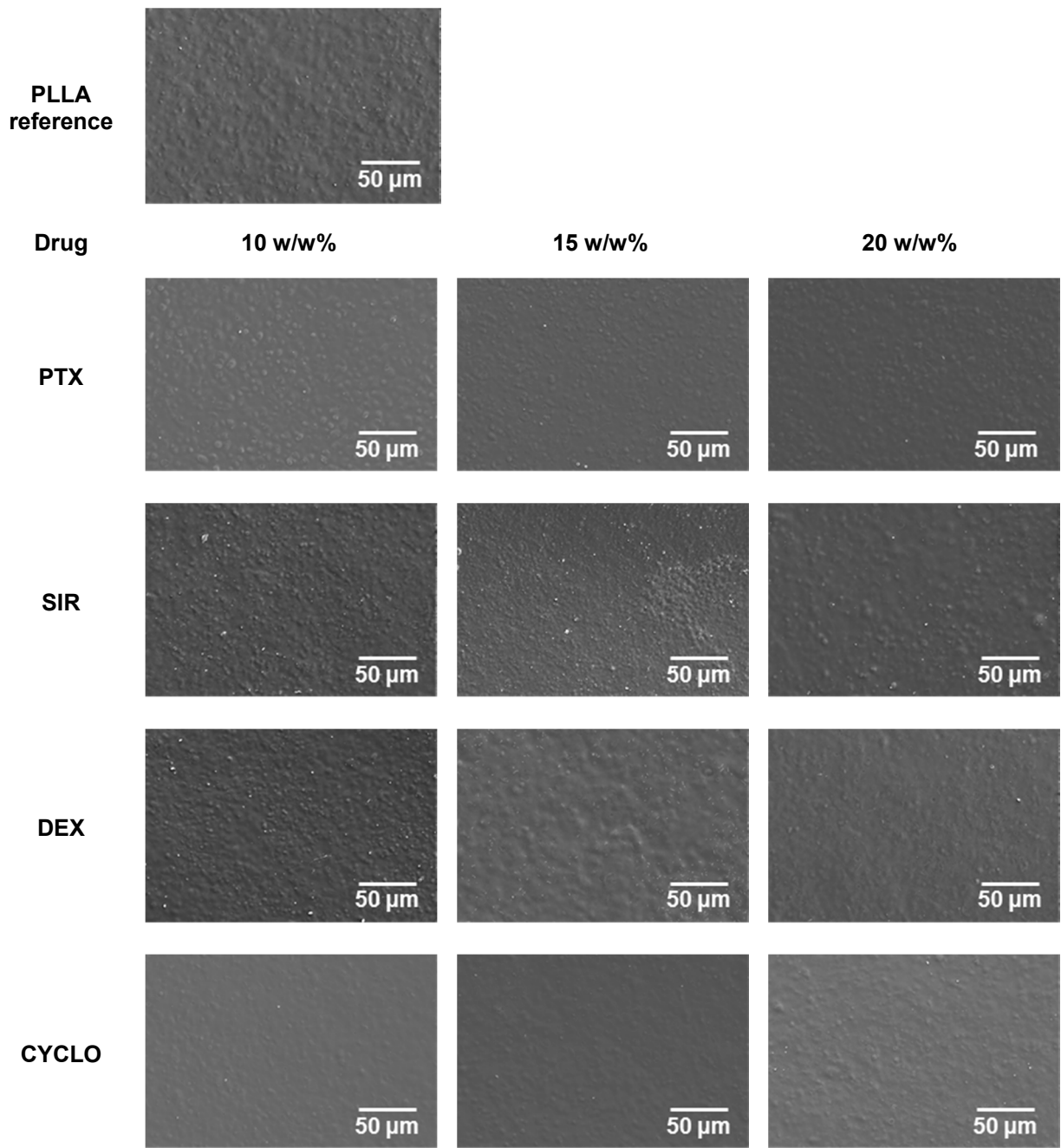


Figure S5: Raman mapping of PLLA with incorporated drugs at given drug/PLLA ratios. Mapping has been performed for the drug signal intensity according to the signal in the related Raman spectra.

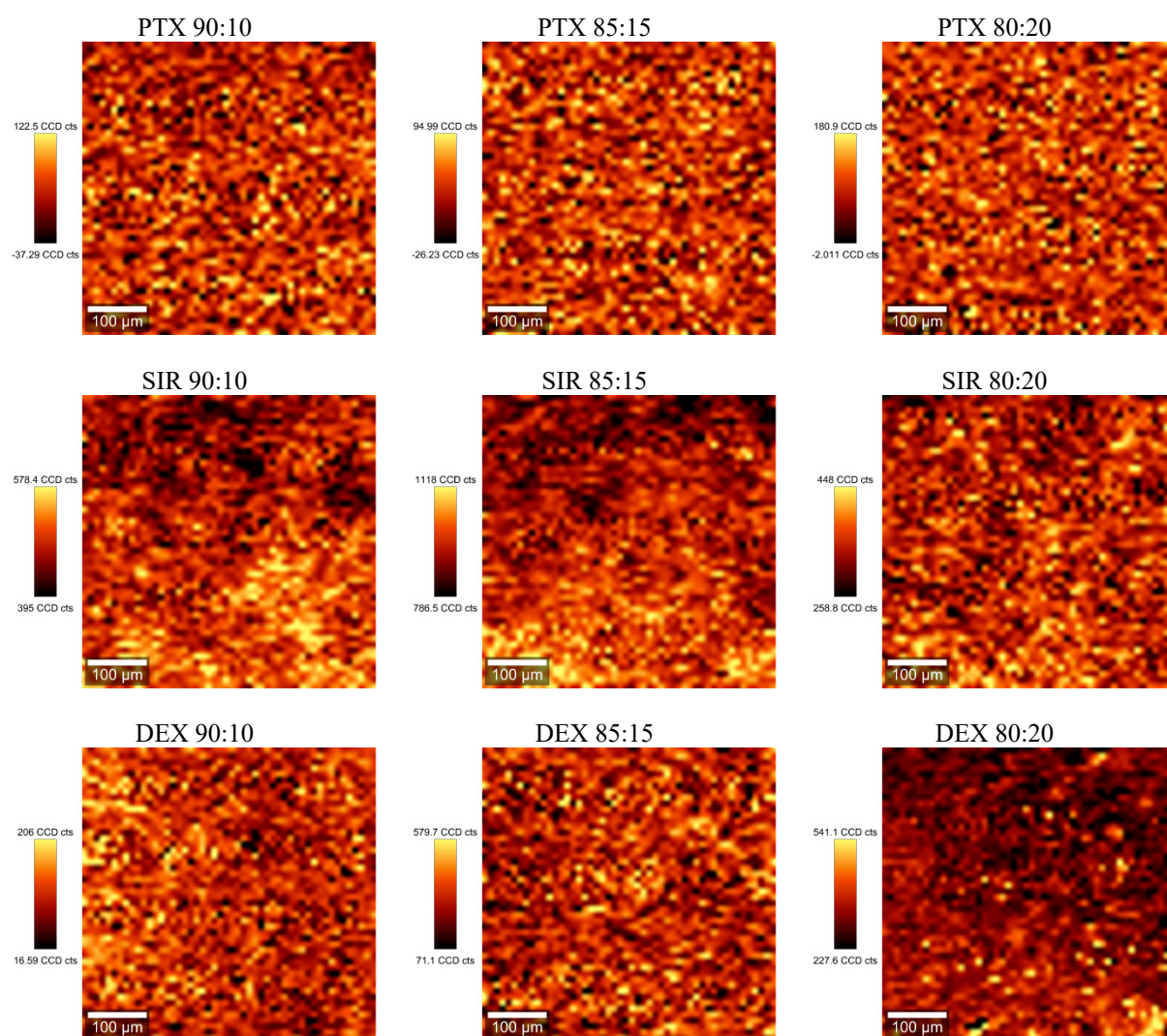


Figure S6: Representative contact angle images for PLLA reference and SIR/PLLA = 10/90 w/w%. Given are images of the droplets of deionized water for CA determination and images of MeI₂ droplets for SFE calculation.

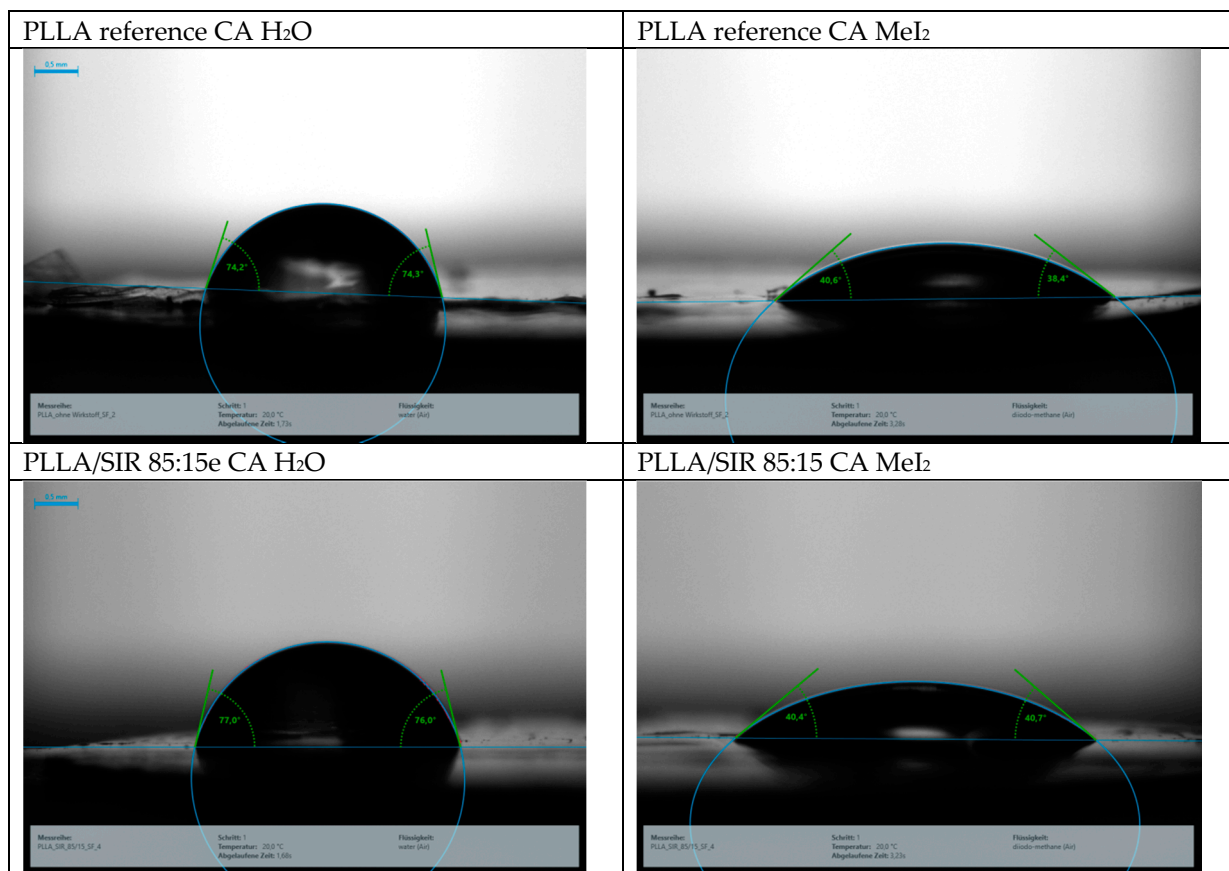


Figure S7: Stress-strain curves of drug loaded PLLA films obtained via spray-coating.

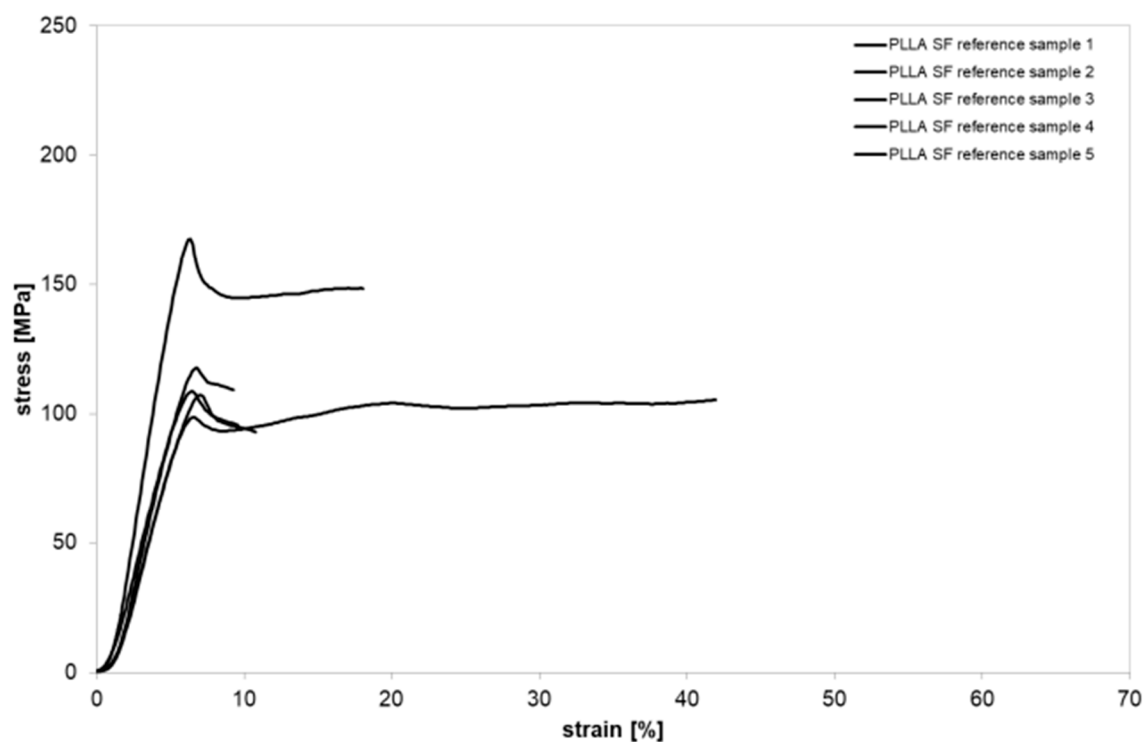


Figure S7.1: Stress strain curves of spray-coated PLLA film without any drug content.

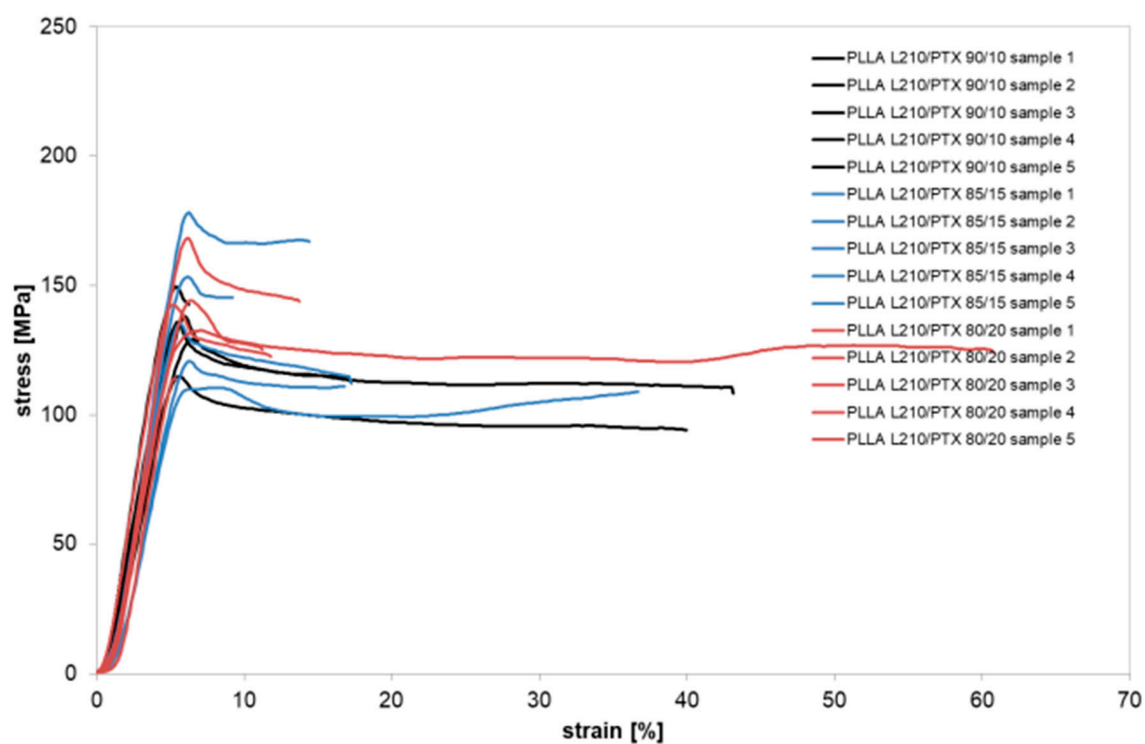


Figure S7.2: Stress strain curves of spray-coated PLLA/PTX film.

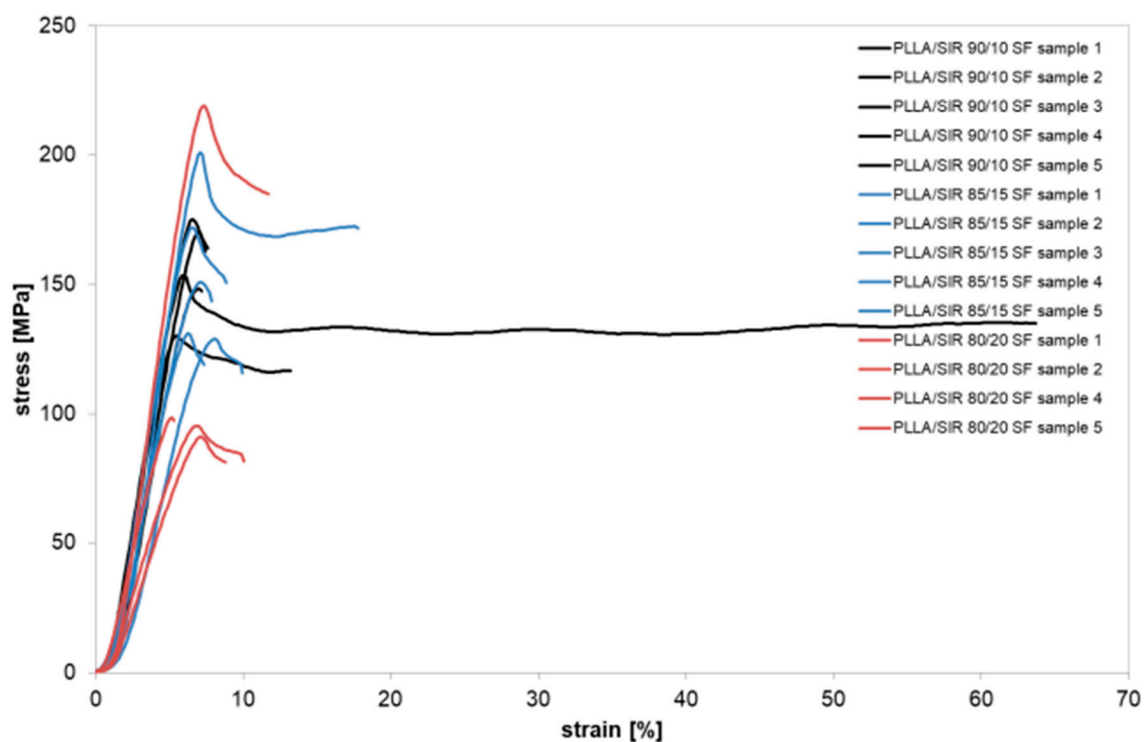


Figure S7.3: Stress strain curves of spray-coated PLLA/SIR film.

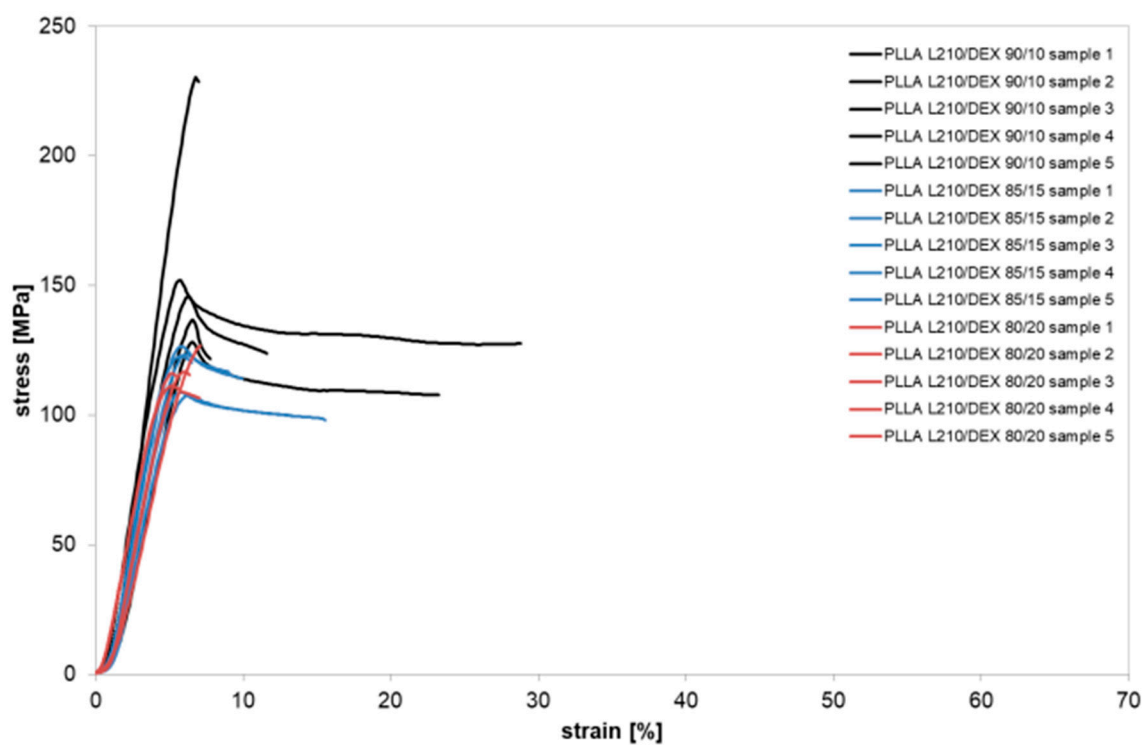


Figure S7.4: Stress strain curves of spray-coated PLLA/DEX film.

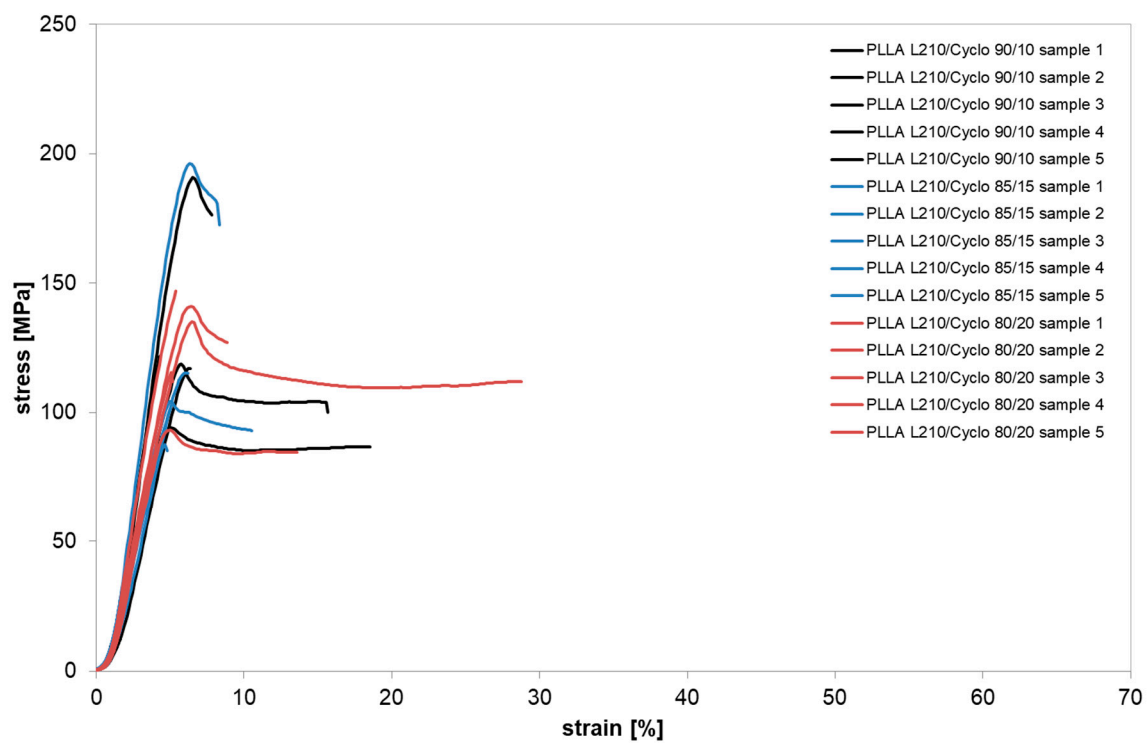


Figure S7.5: Stress strain curves of spray-coated PLLA/CICLO film.