

Figure S1: DSC curves of as produced neat and plasticized PLA films within 28 days of thermophilic composting.

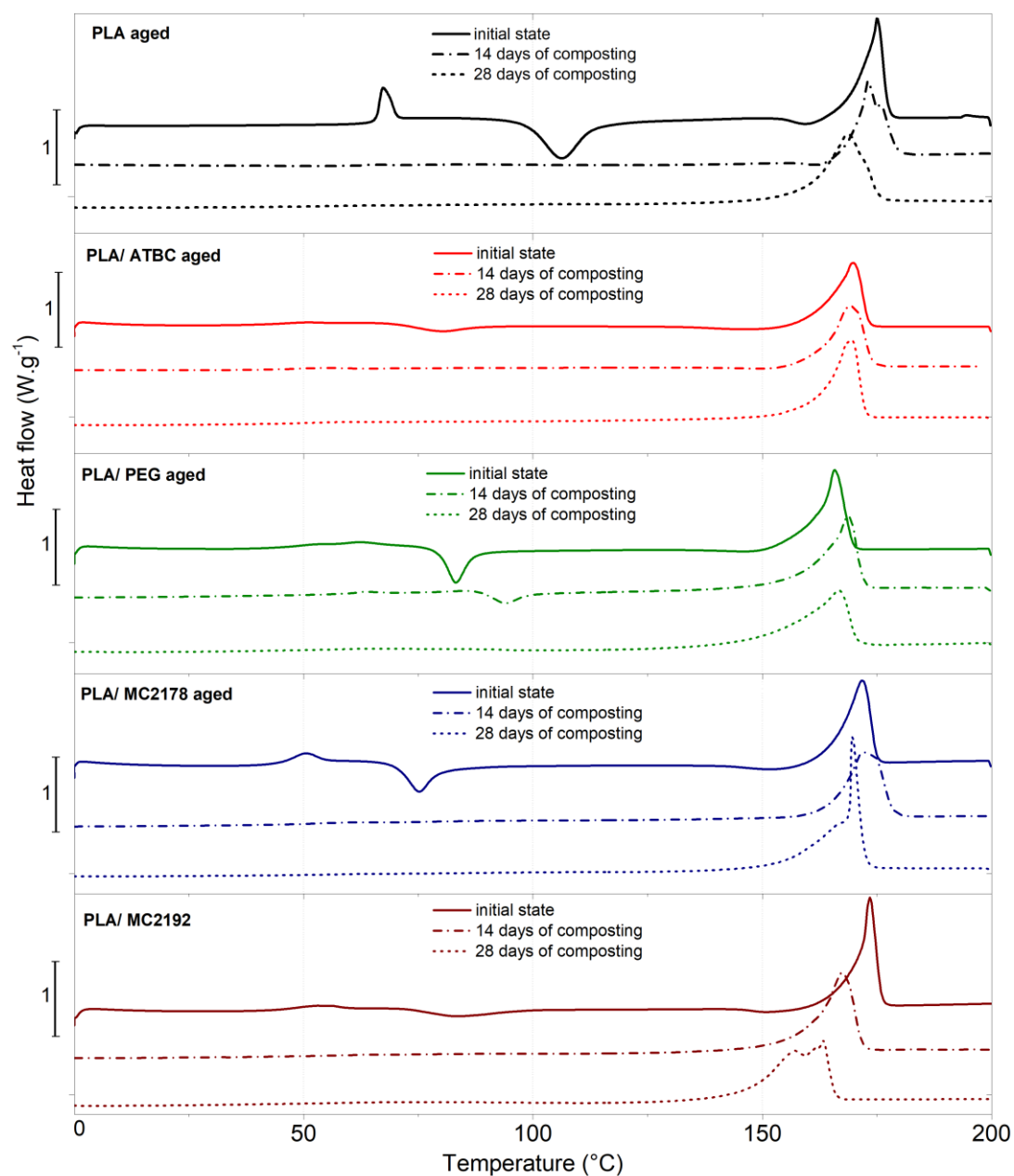


Figure S2: DSC curves of aged neat and plasticized PLA films within 28 days of thermophilic composting.

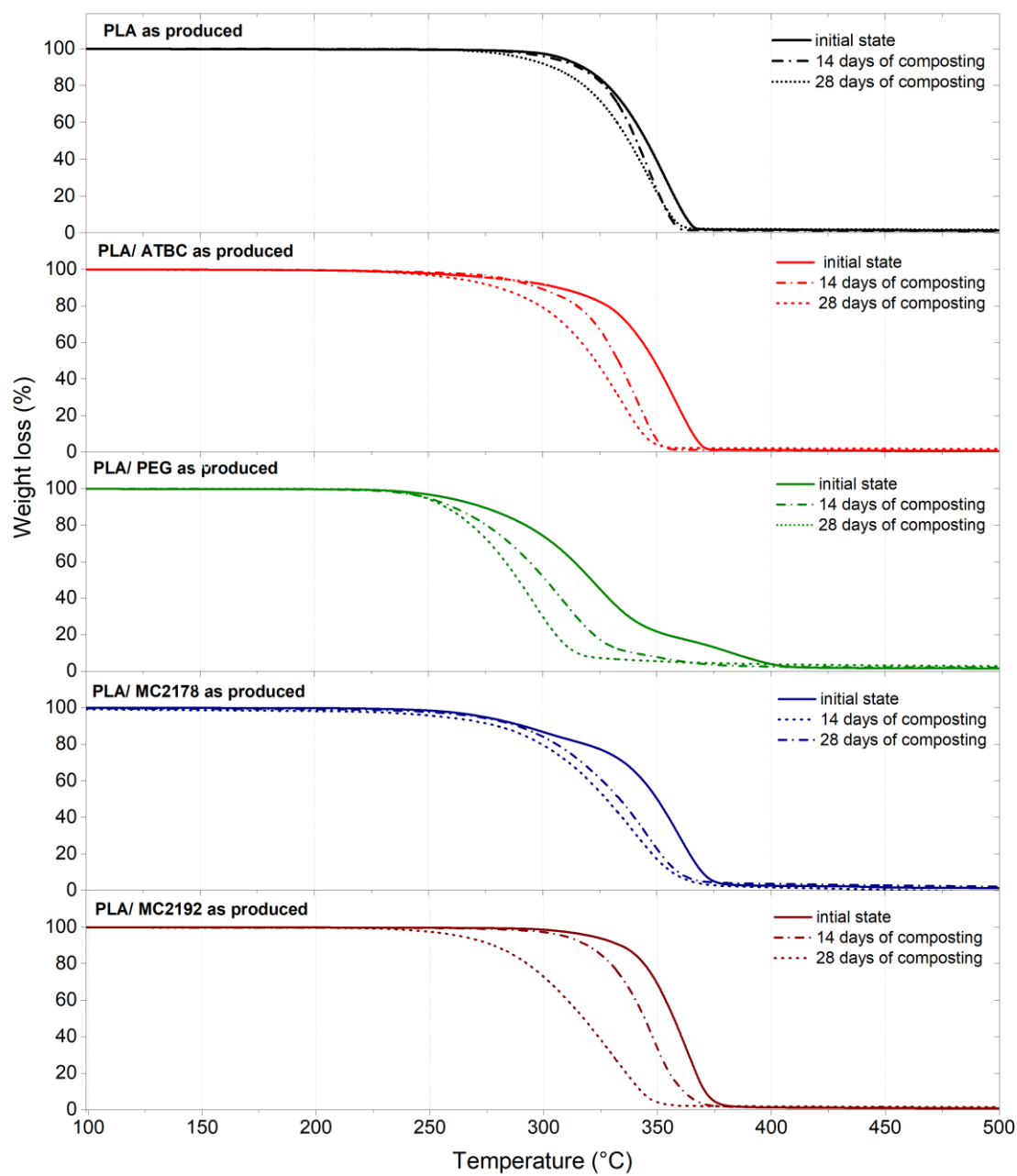


Figure S3: TGA curves of as produced neat and plasticized PLA films within 28 days of thermophilic composting.

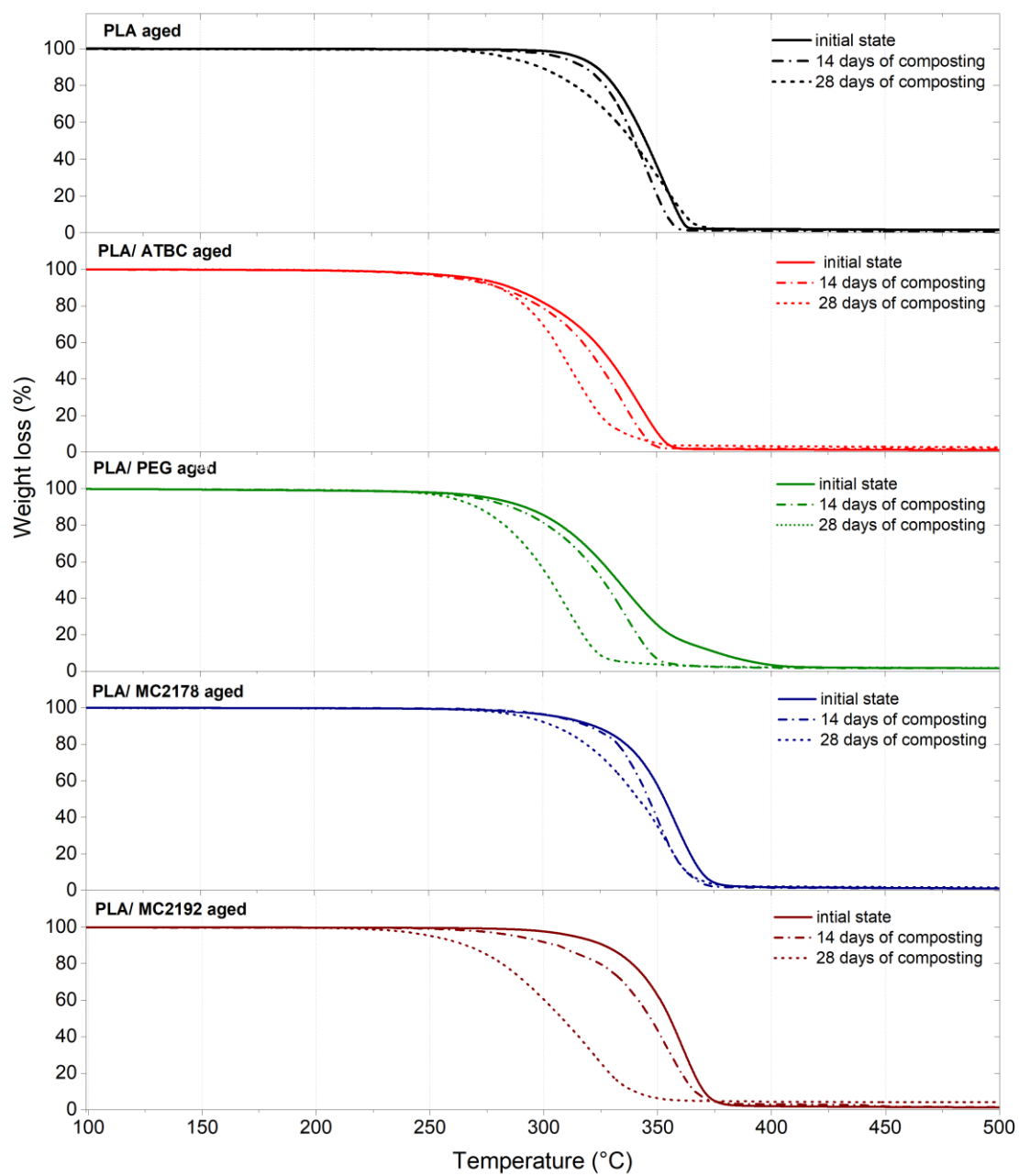


Figure S4: TGA curves of aged neat and plasticized PLA films within 28 days of thermophilic composting.

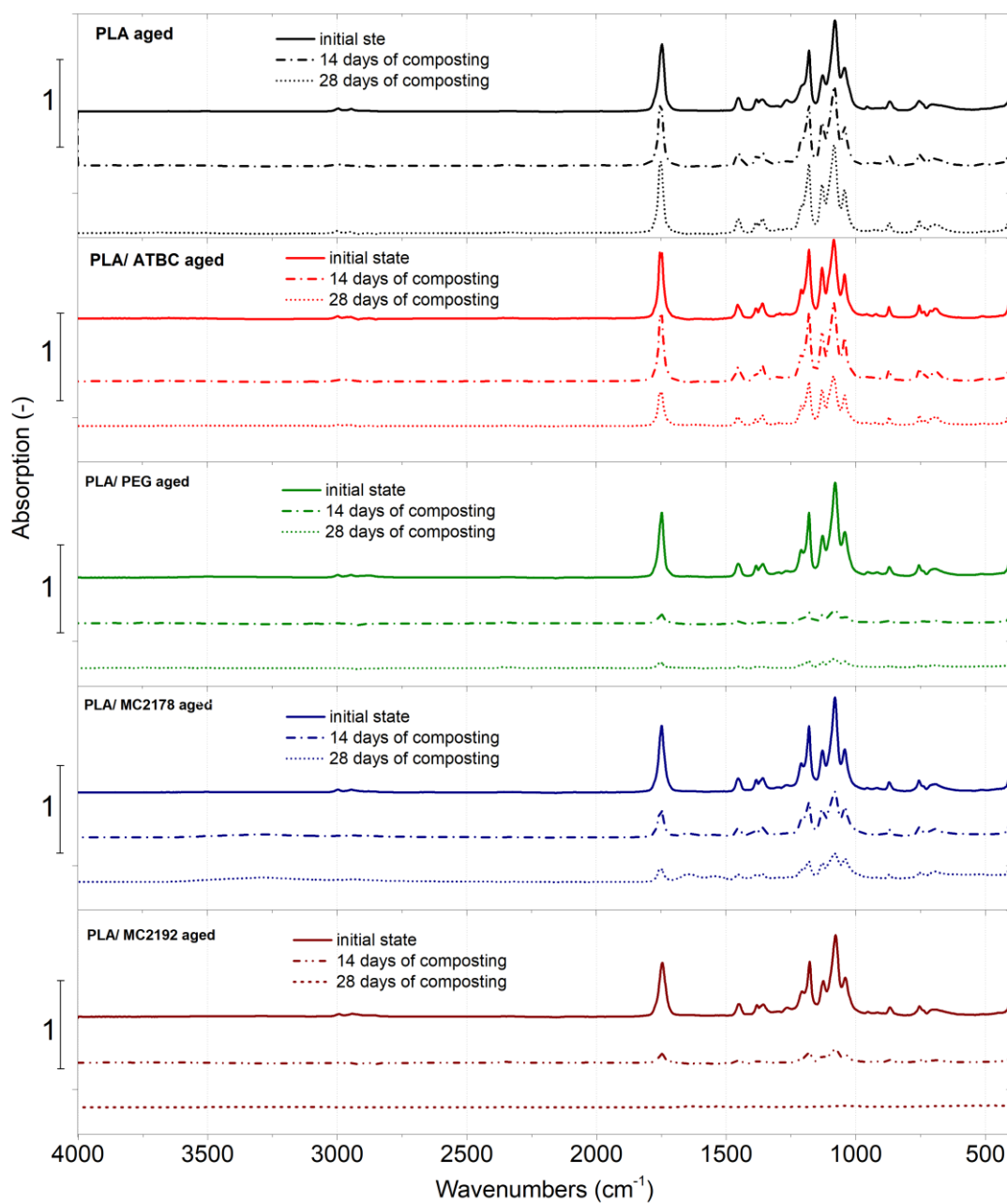


Figure S5: FTIR spectra of aged PLA films at initial state and after 14 days and 28 days of thermophilic composting.

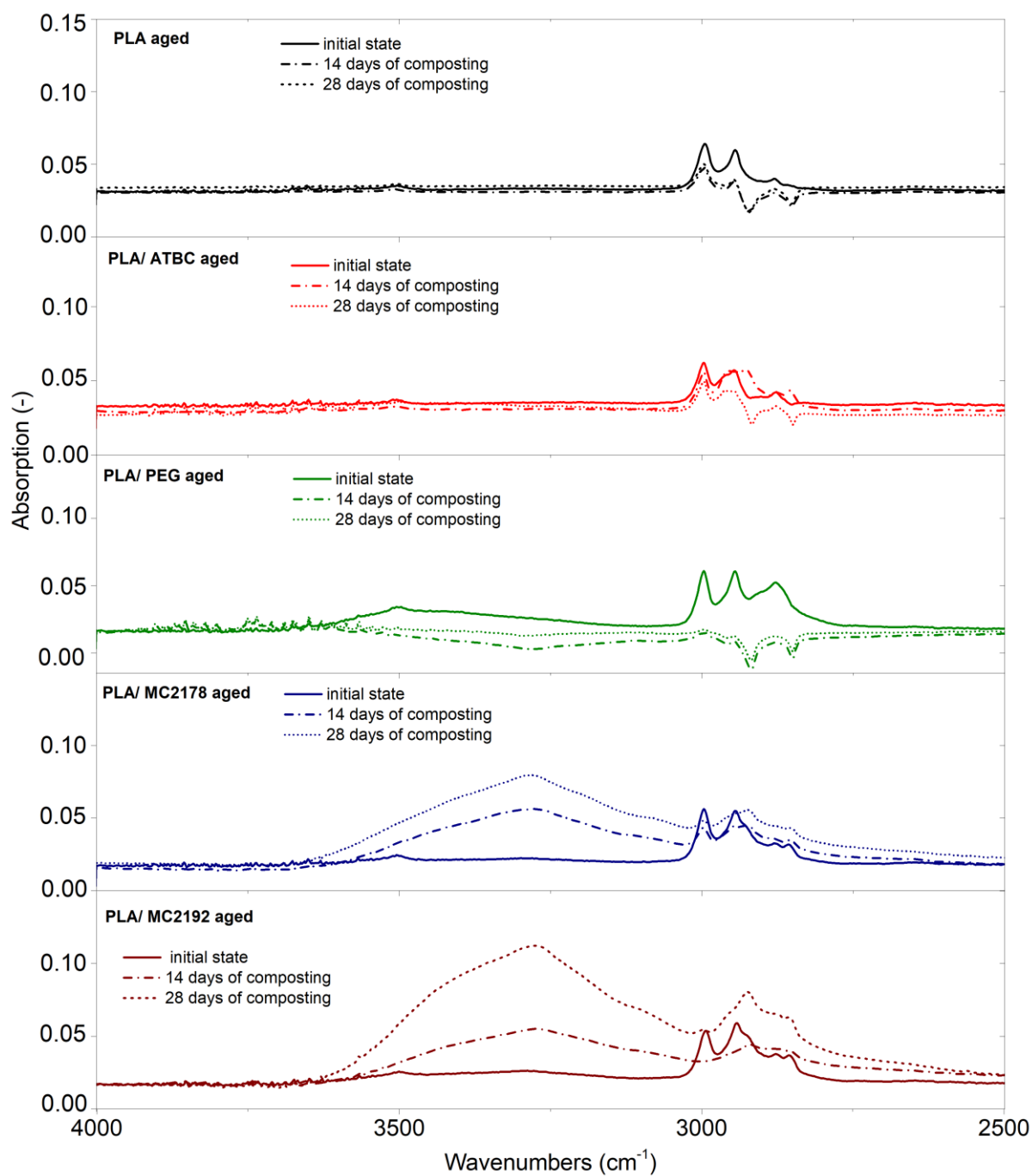


Figure S6: FTIR spectra of aged PLA films at initial state and after 14 days and 28 days of thermophilic composting that indicate hydroxyl bands.