APPENDIX A

FTIR spectrum of pure tapioca starch in the frequency range of 650-4000 cm\(^{-1}\)

FTIR spectrum of PVA/1TS in the frequency range of 650-4000 cm\(^{-1}\)
FTIR spectrum of PVA/3TS in the frequency range of 650-4000 cm$^{-1}$

FTIR spectrum of pure rice starch in the frequency range of 650-4000 cm$^{-1}$
FTIR spectrum of PVA/1RS in the frequency range of 650-4000 cm$^{-1}$

FTIR spectrum of PVA/3RS in the frequency range of 650-4000 cm$^{-1}$
FTIR spectrum of pure sago starch in the frequency range of 650-4000 cm$^{-1}$

FTIR spectrum of PVA/1SS in the frequency range of 650-4000 cm$^{-1}$
FTIR spectrum of PVA/3SS in the frequency range of 650-4000 cm\(^{-1}\)