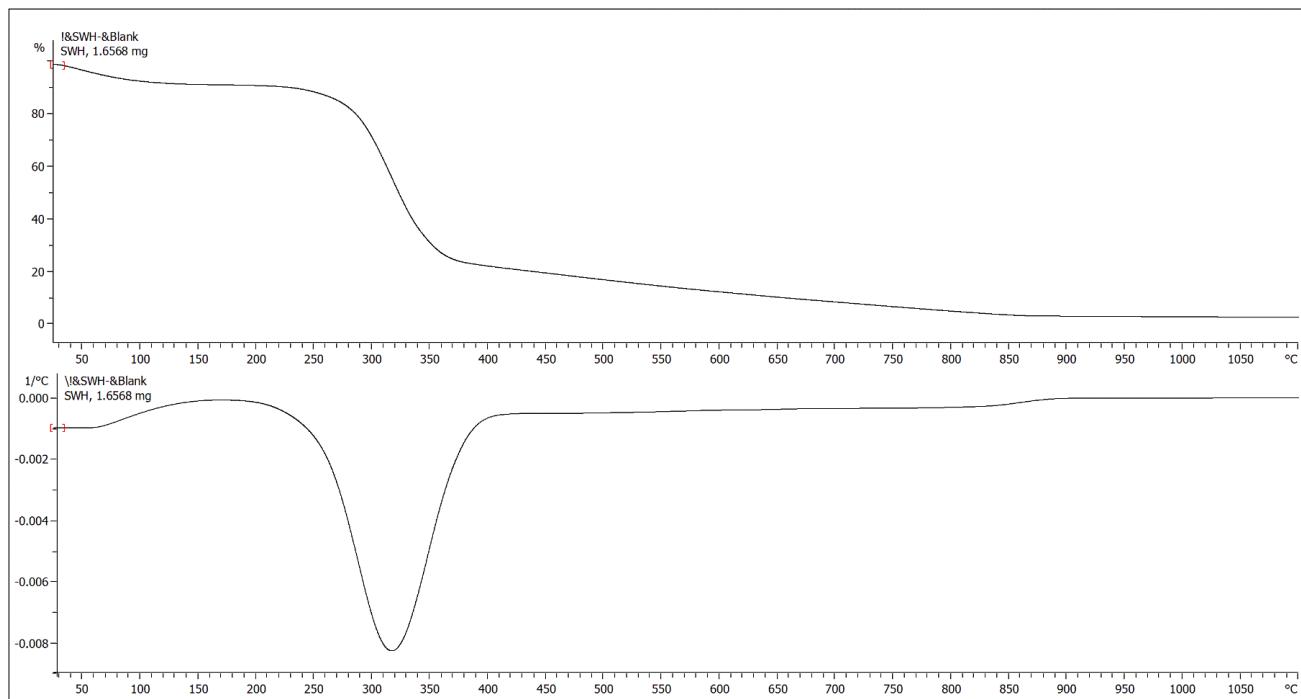


**Figure S1**



**Figure S1** TGA and DSC curves of raw sago hampas.

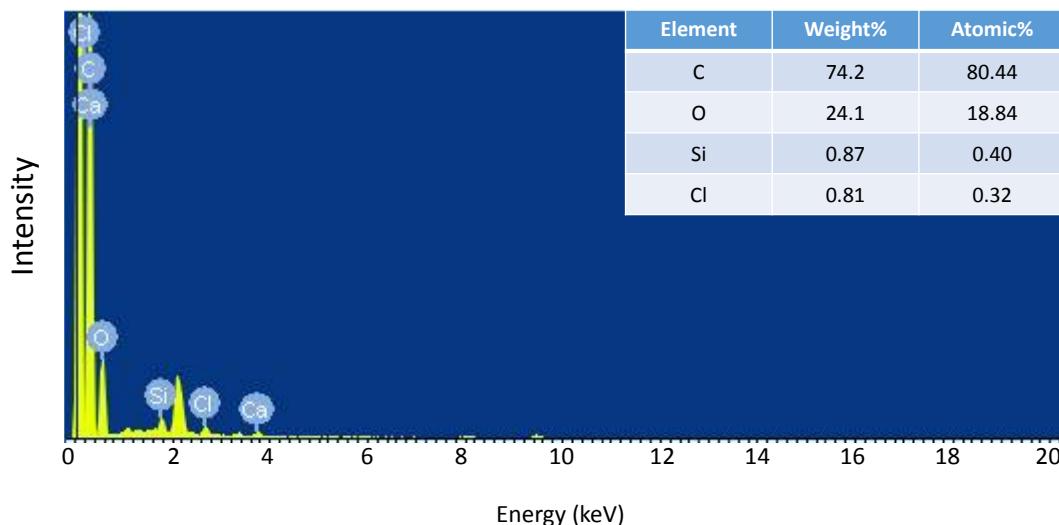


Fig. S2 EDX spectrum for CNSs pyrolyzed at 400 °C.

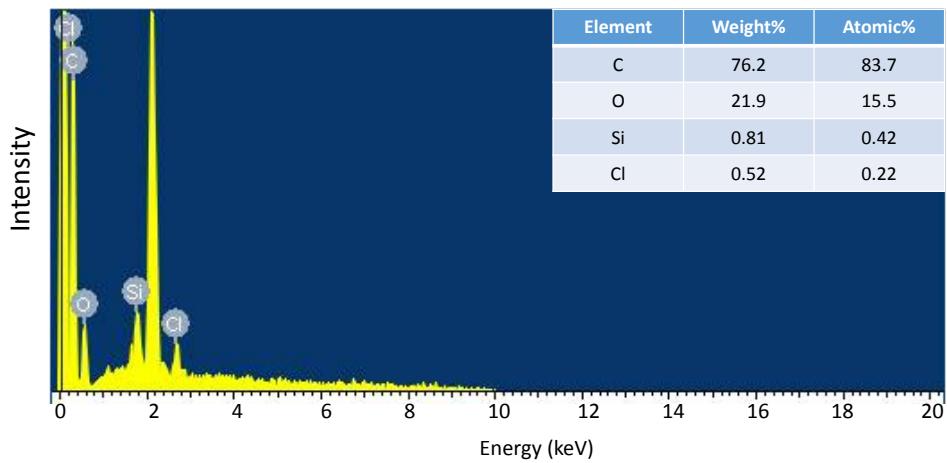


Fig. S3 EDX spectrum for CNSs pyrolyzed at 600 °C.

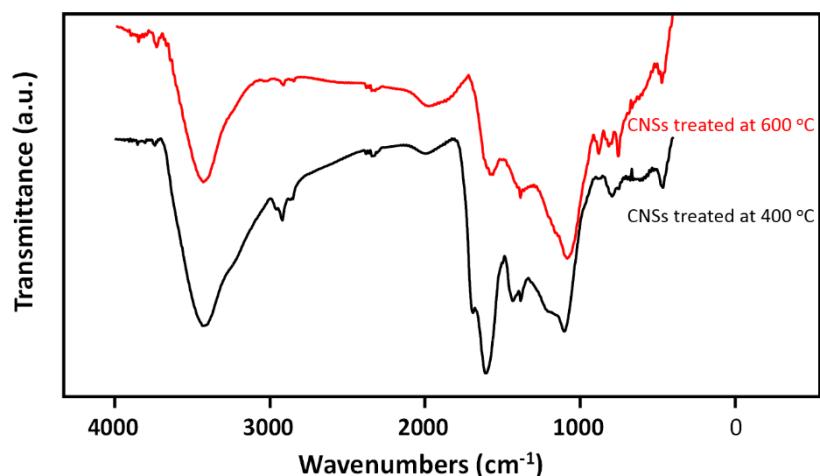


Fig. S4 FT-IR spectra of CNSs at 400 °C and 600 °C.