

SUPPLEMENTARY INFORMATION

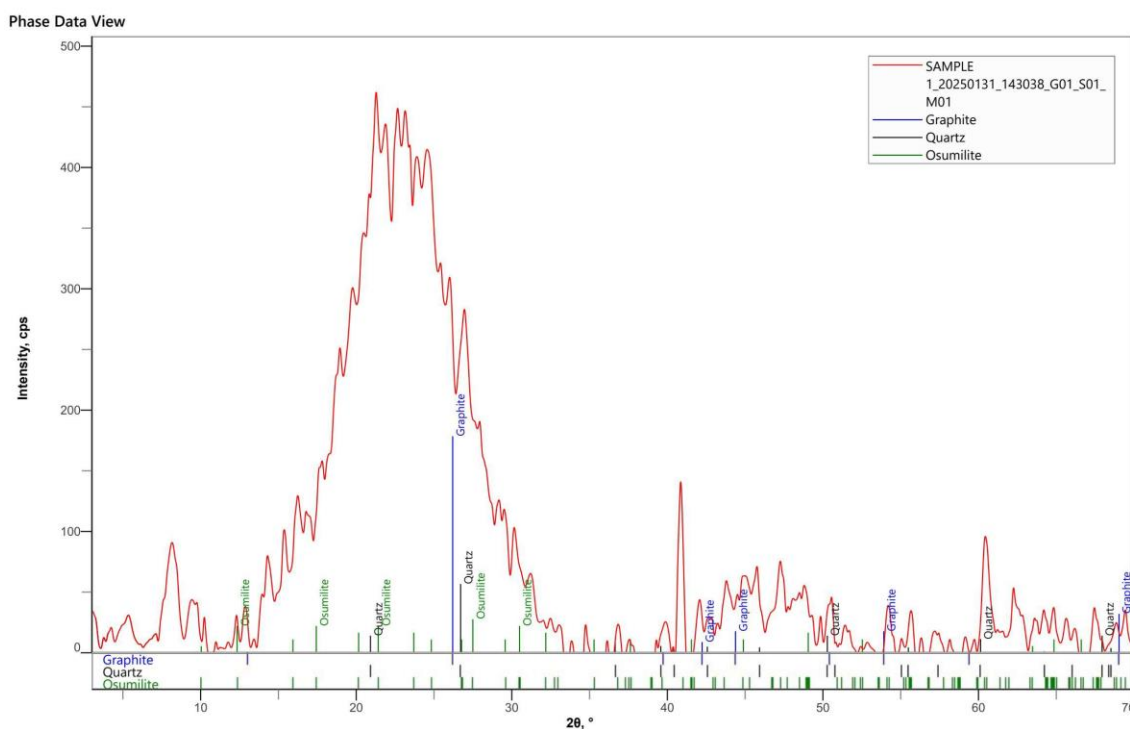
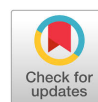


Figure S1: XRD pattern of rice husk biochar

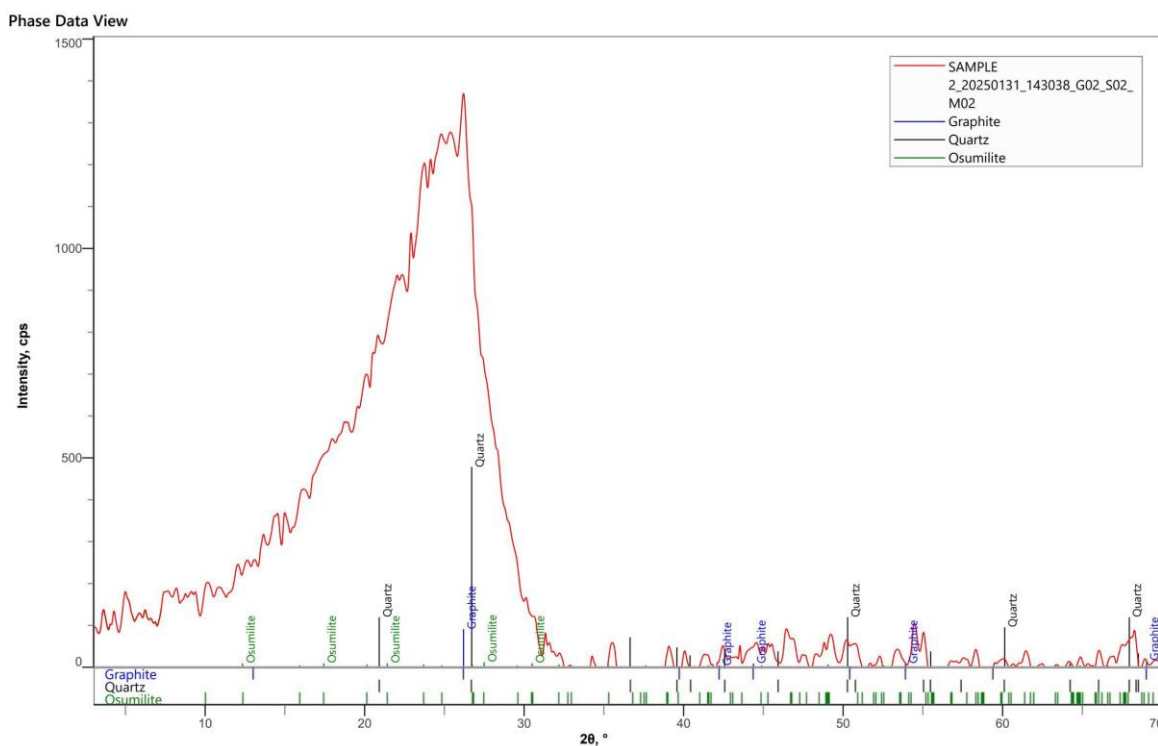
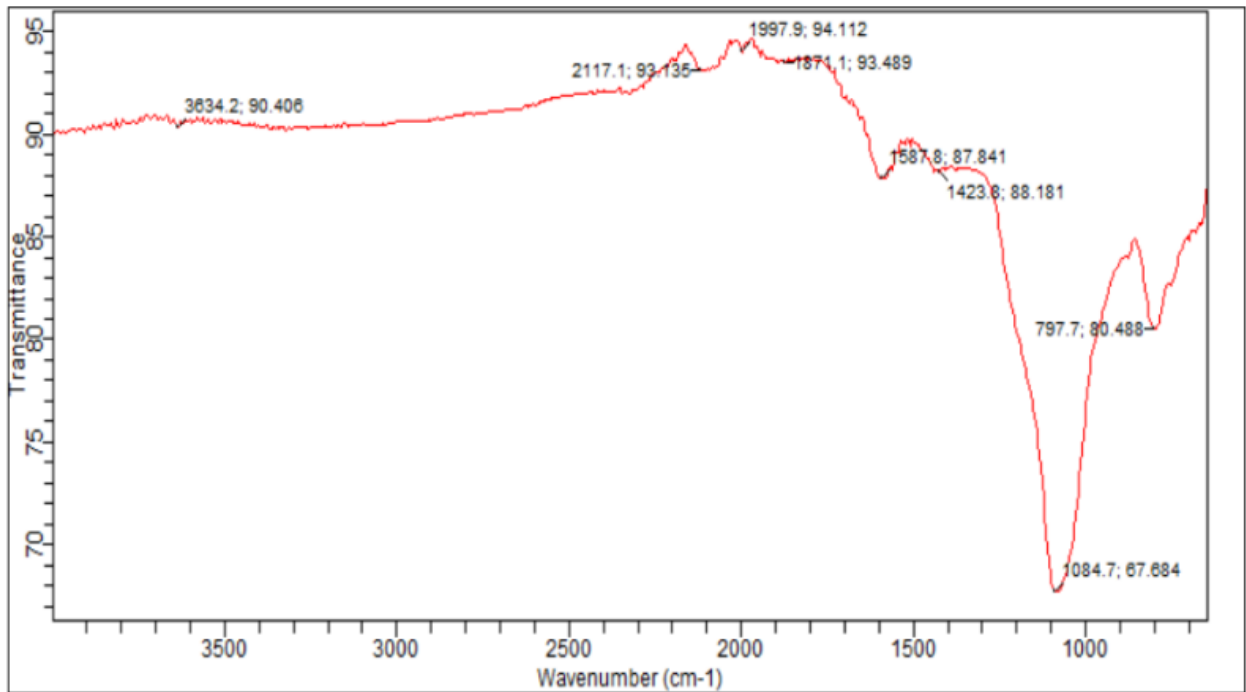
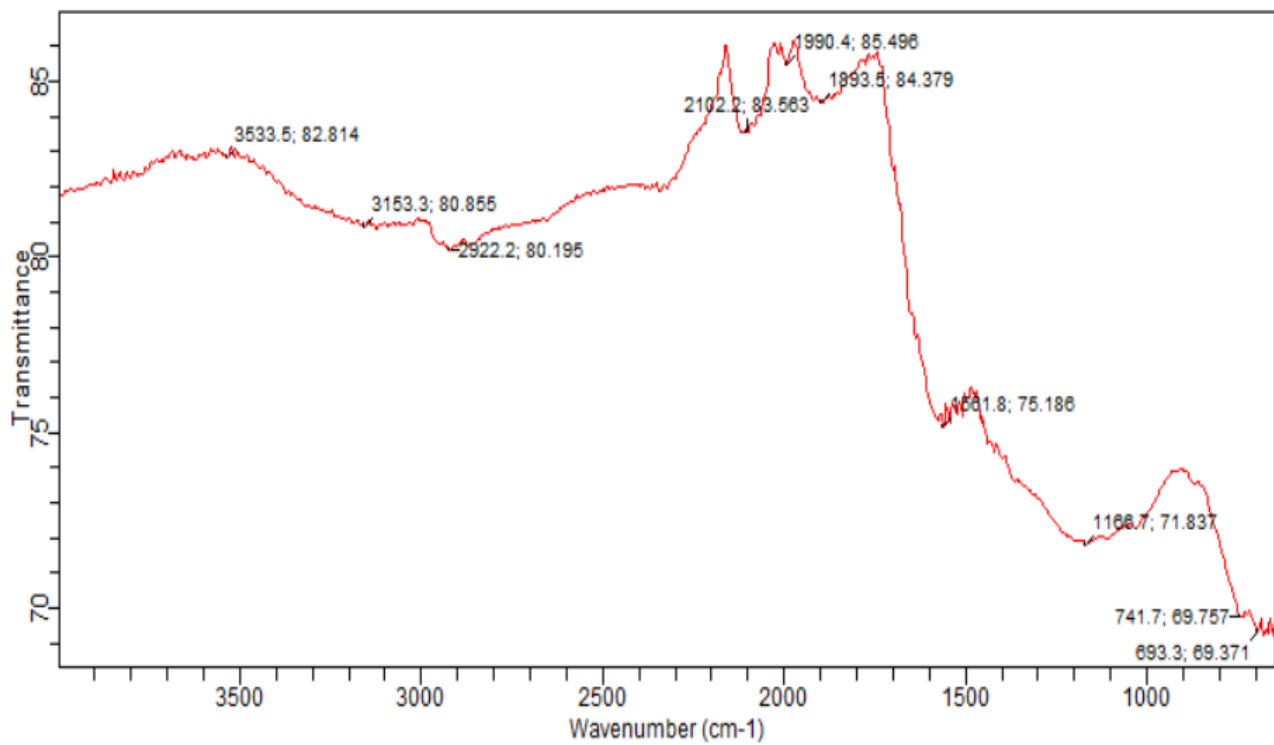


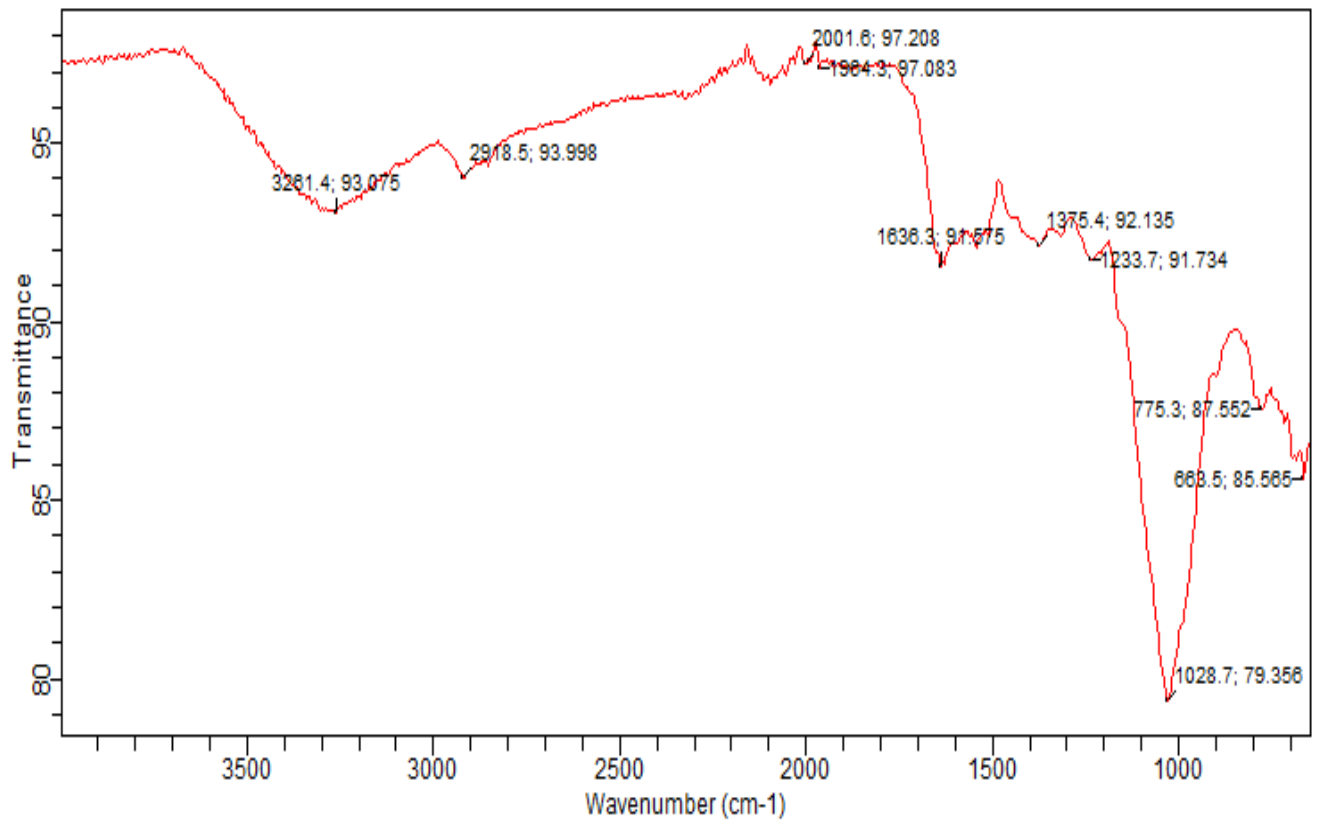
Figure S2: XRD pattern of cow horn biochar



(a)



(b)



(c)

Figure S3: FTIR spectra of (a) rice husk biochar, (b) cow horn biochar, and (c) cattle rumen content