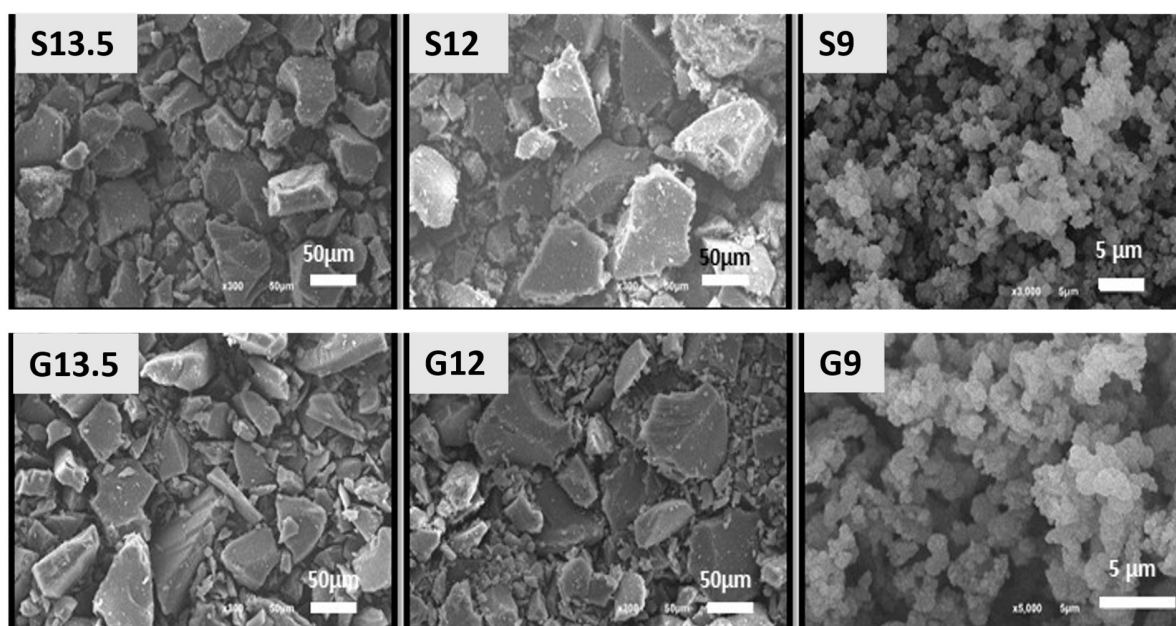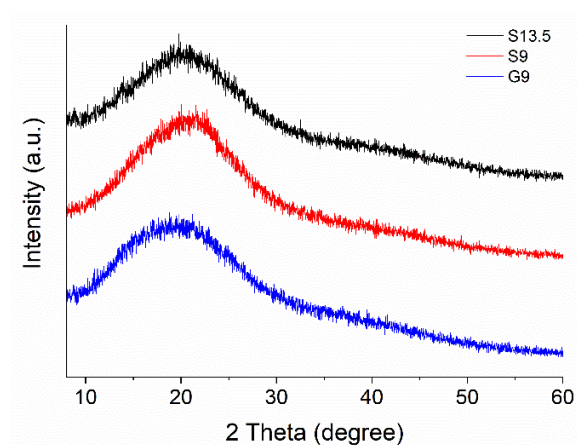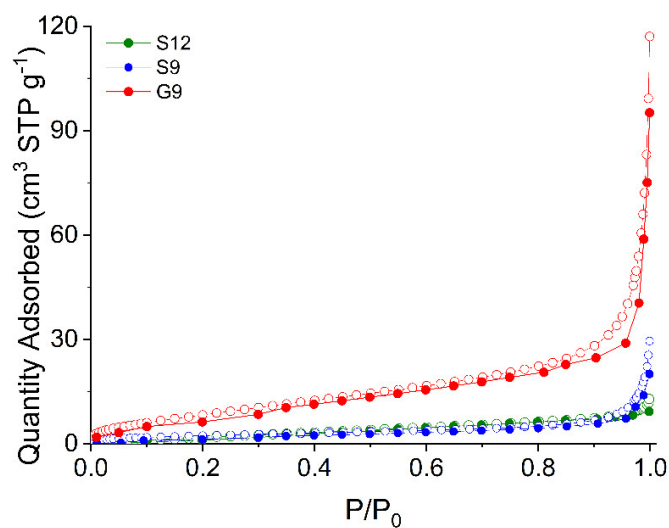**Figure S1**. Effect of activation process on apparent density of obtained acid char and AC samples.
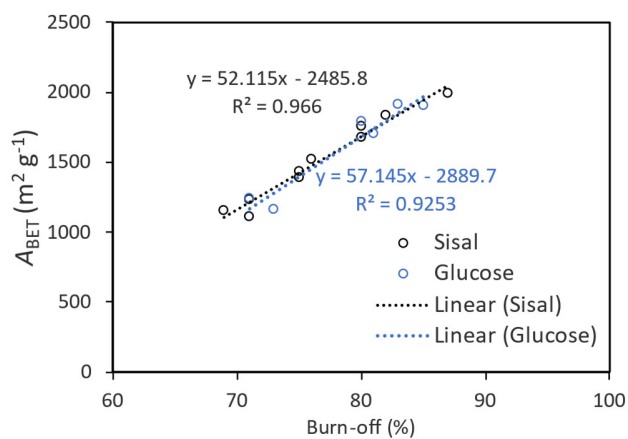

Figure S2. SEM images of acid-char samples obtained by sisal and glucose precursors.
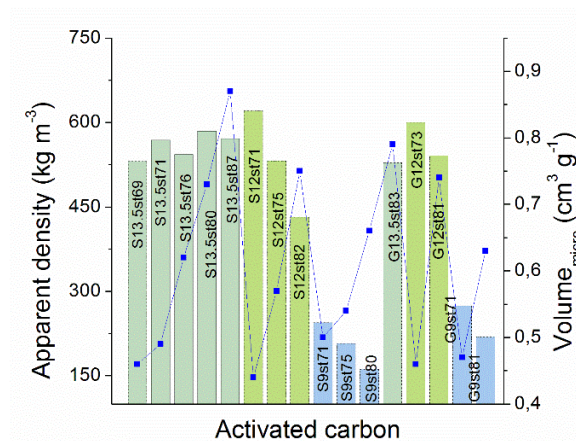
Figure S3. Powder XRD of selected acid-char materials.

Figure S4. N₂ adsorption-desorption isotherms of sisal- and glucose-based acid-chars.

Figure S5. Linear relation between BET area values and burn-off degree during the acid-char steam activation.

Figure S6. Relation between apparent density and micropore volume of the activated carbons.