

## Supporting Materials

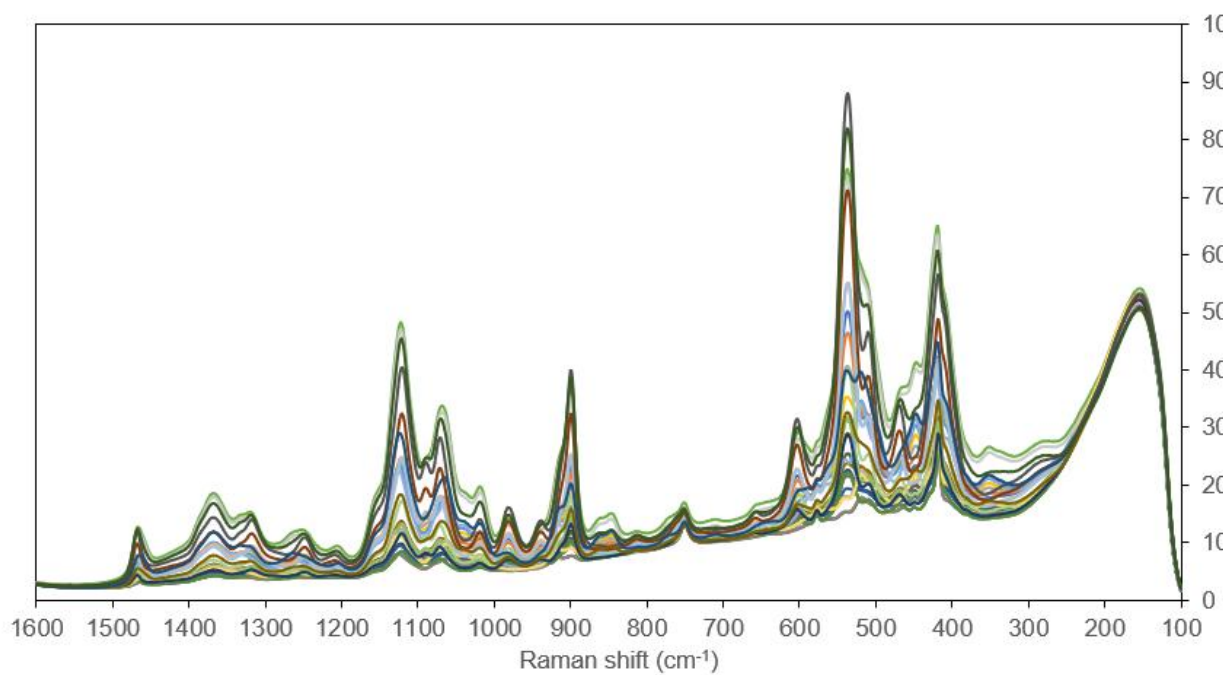


Figure S1. Raw Raman spectra of glucose and xylose dissolved in water in the spectral region 100-1600  $\text{cm}^{-1}$

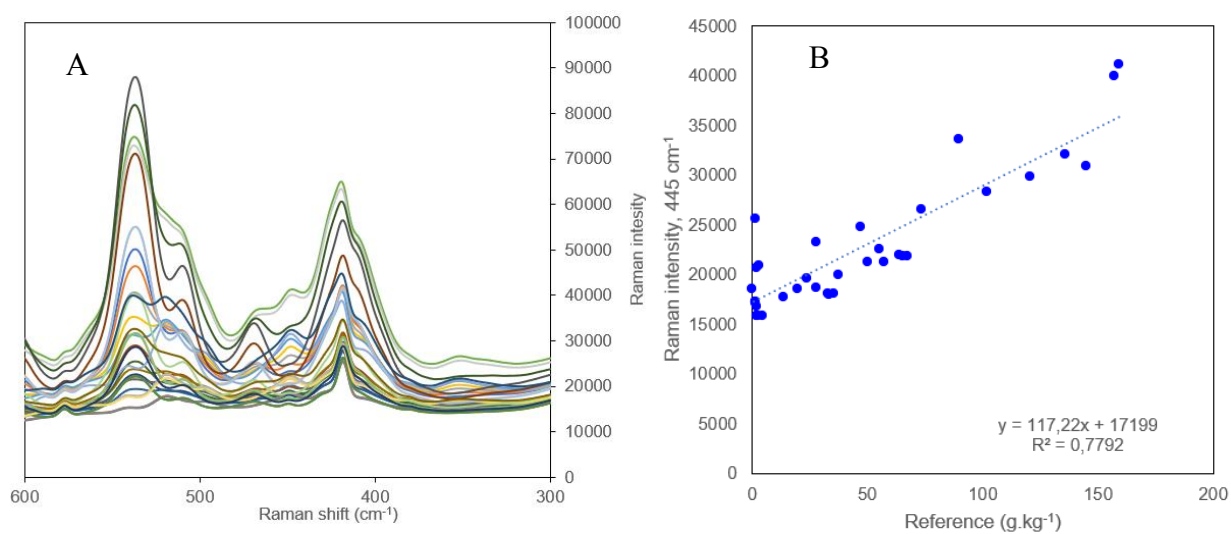


Figure S2. Raw Raman spectra of glucose and xylose dissolved in water (A); correlation

between the raw intensity of the band at  $445\text{ cm}^{-1}$  and the reference concentration of glucose

(B)