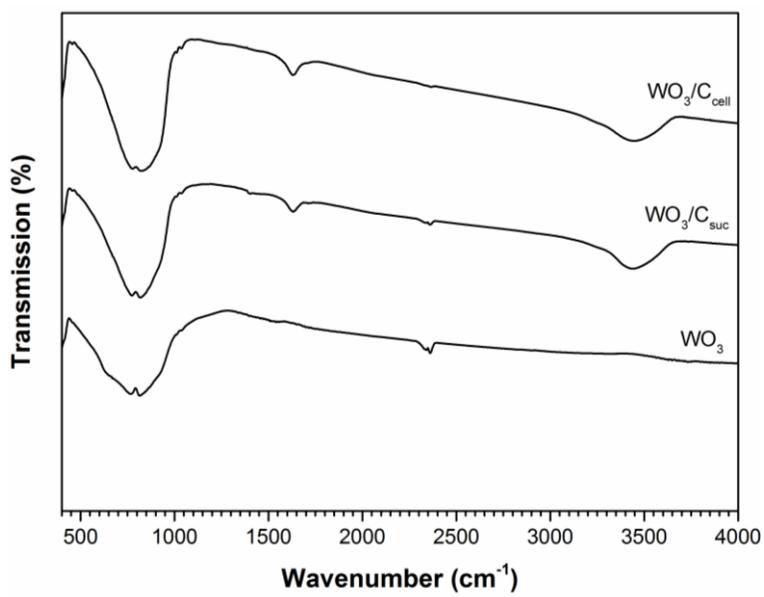
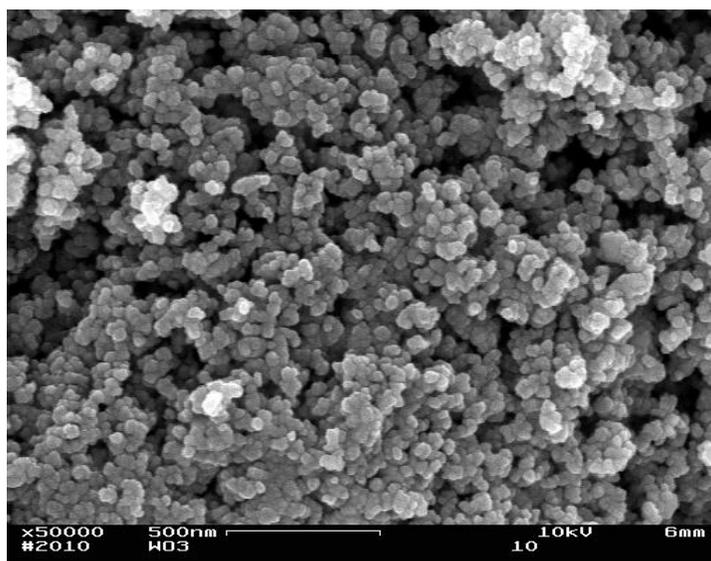


## Supporting Information



**Figure 1.** FTIR spectra of the different WO<sub>3</sub>/C composites. The pristine WO<sub>3</sub> material is also reported.

About the FTIR characterization, the spectra of the WO<sub>3</sub>/C composites are similar and no vibration bands corresponding to secondary phases or impurities is detected compared to the spectrum of the pure WO<sub>3</sub> phase (Figure - down).



**Figure 2.** SEM view of the pristine WO<sub>3</sub> material.