

Supplementary Materials

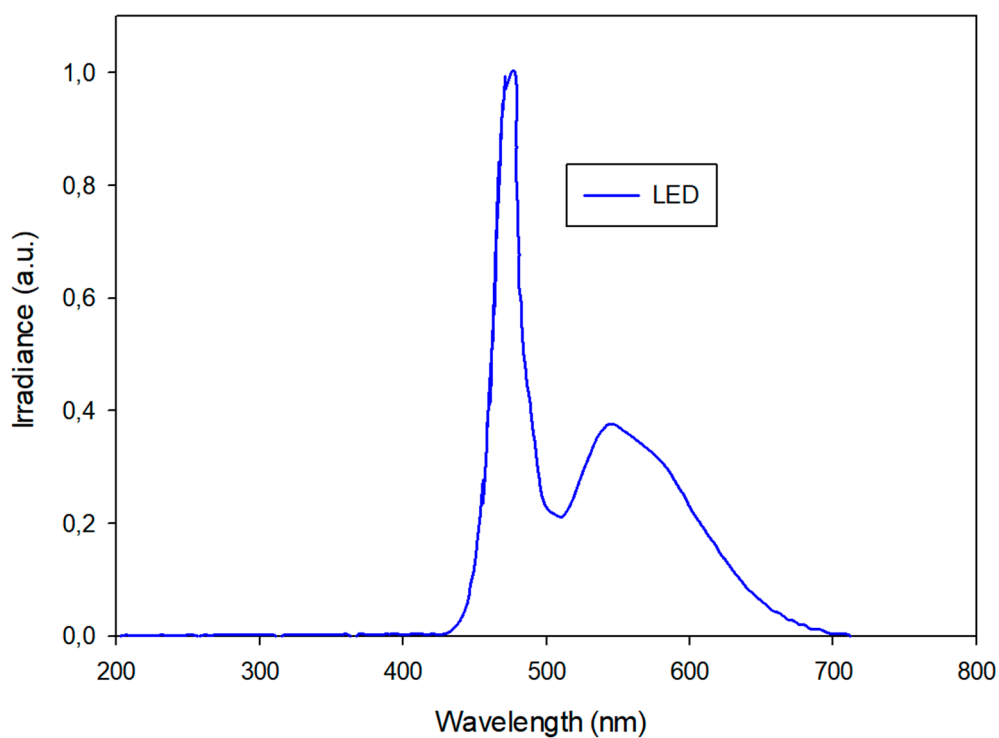


Figure S1. Irradiance spectrum of the used LEDs.

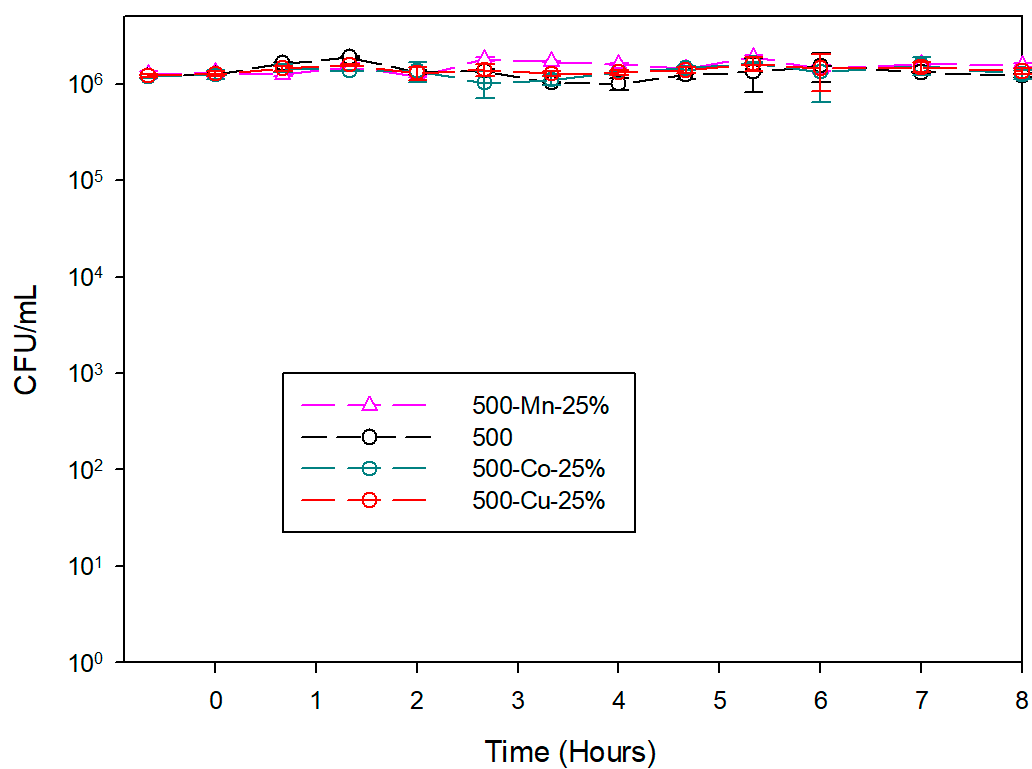


Figure S2. *E. Coli* disinfection kinetic profiles promoted by g-C₃N₄ obtained at 500 °C doped with 25% of the corresponding metal under dark conditions. Conditions: 10 mL of solution and 5 mg of the corresponding material. The error bars represent the standard deviation from duplicate treatments (n=2).

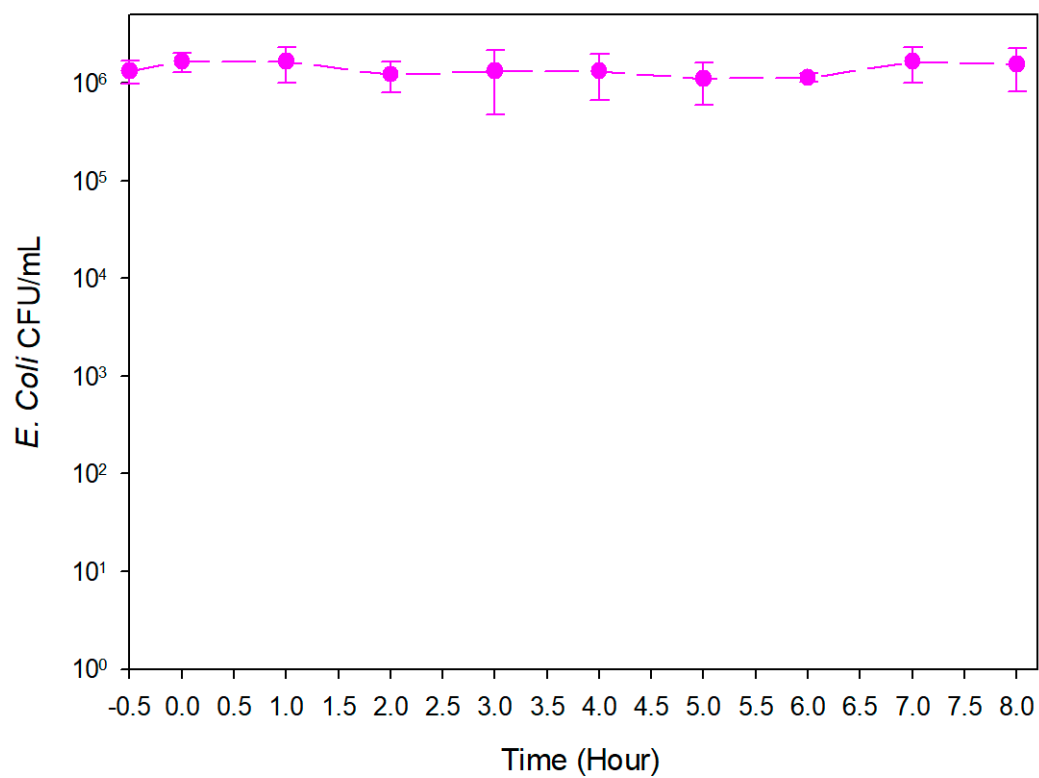


Figure S3. *E. coli* disinfection kinetic profiles in presence of soluble Mn^{2+} (12.8 mg/L) and under irradiation of indoor light. The error bars represent the standard deviation from duplicate treatments (n=2).