**Supplementary Information**

**Efficient photocatalysis of Cu doped TiO2/g-C3N4 for the photodegradation of methylene blue**

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Figure 1. (a) Adsorption desorption isotherms (b) BJH pore size distribution curves of TiO2, Cu-TiO2 and Cu-TiO2/50-C3N4



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Figure 2. (a) UV-Visible diffuse reflectance absorption spectra (b) Tauc plots indicating the direct transitions of the synthesized nanomaterials



Figure 3. Photodegradation of only methylene blue without any catalysts



Figure 4. The higher resolution spectrum of (a) Ti 2p and (b) N 1s of Cu-TiO2/50-C3N4-L



Figure 5. Molecular structure of Methylene Blue.