

Supporting information

Efficient Removal of Cu (II) and Malachite Green from Aqueous

Solution by Magnetic Magnesium Silicate Composite

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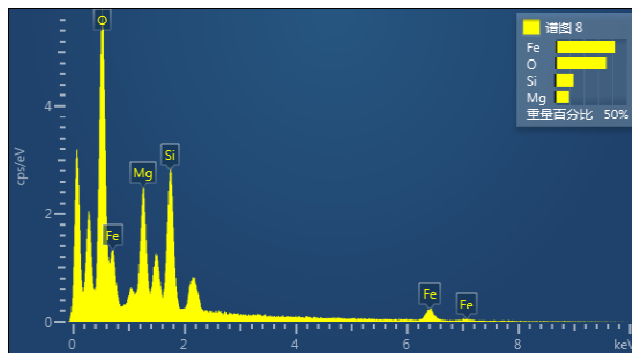


Figure S1. EDS pattern of the $\text{Fe}_3\text{O}_4@\text{MgSi}$ composite.

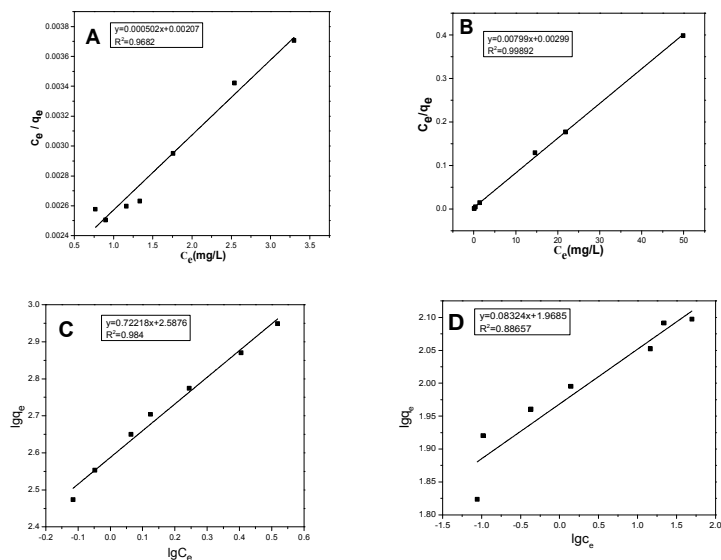


Figure S2. A and B were the Langmuir adsorption isotherm of Cu (II) ions and MG; C and D were the Freundlich adsorption isotherm of Cu (II) ions and MG.

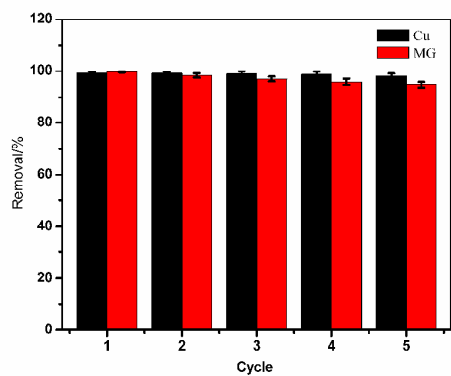


Figure S3. Adsorption and desorption efficiency for Cu (II) and MG by $\text{Fe}_3\text{O}_4@\text{MgSi}$