

Supporting Information

Preparation of Fe_3O_4 @polyoxometalates Nanocomposites and Their Efficient Adsorption of Cationic Dyes from Aqueous Solution

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Thermogravimetric analyses of Fe_3O_4 , **1**, **2**, Fe_3O_4 @**1** and Fe_3O_4 @**2** were performed under a nitrogen flow (Figure. S1a, b). It turns out that the weight ratio of **1** and **2** in the synthesized nanocomposite is 96.68% and 96.50%, respectively. It should be noted that the loss of Fe_3O_4 might be attributed to the loss of its surfactant attached during the synthesis process.

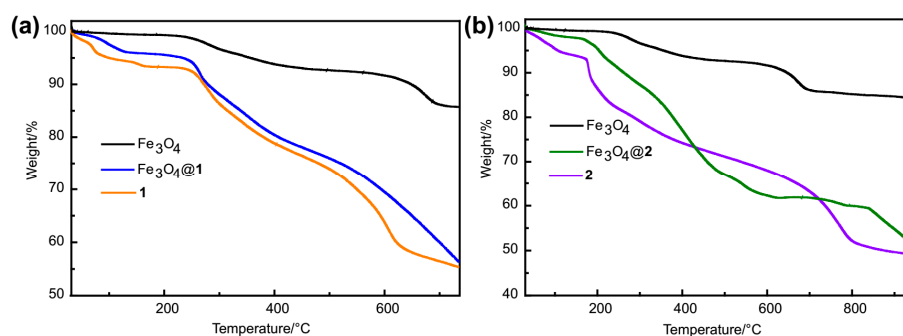


Figure S1. Thermogravimetric analyses of (a) Fe_3O_4 @**1** and (b) Fe_3O_4 @**2**.