

1 Supporting Information

2 Sorbitol-Modified Graphene Oxide-Iron Oxide Nanocomposite for Efficient Doxycycline 3 Removal: Mechanistic and Kinetic Insights

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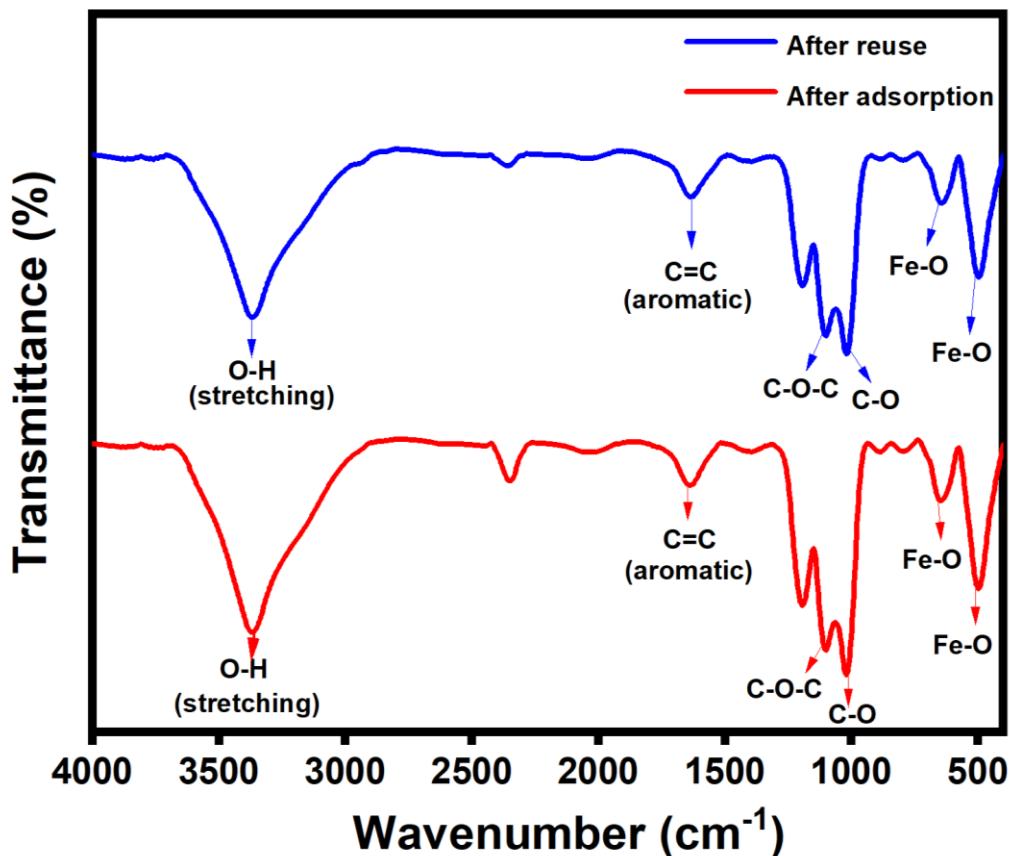
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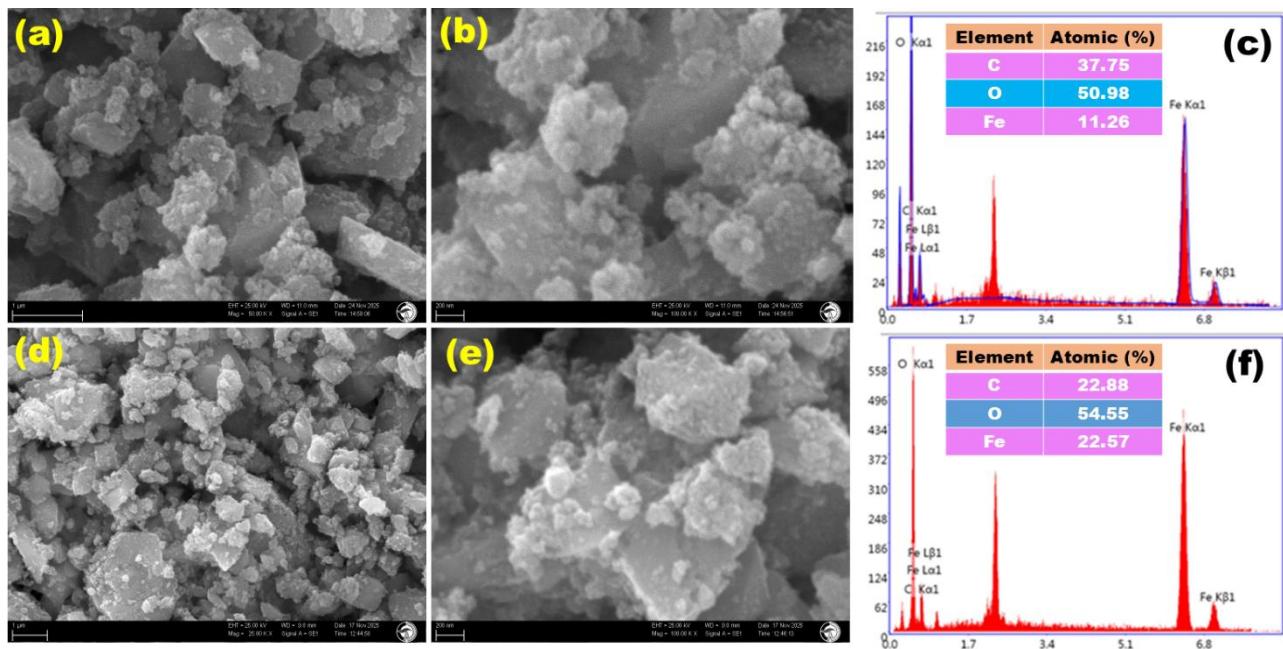
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14 **Fig. S1** FTIR spectra showing the functional groups of the GO/Fe-SBT nanocomposite after
15 adsorption (red curve) and after reuse (blue curve)



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17 **Fig. S2** SEM images and EDX spectra of the GO/Fe-SBT nanocomposite. (a)-(c) show the
18 composite after DOX adsorption. (d)-(f) show the composite after seven regeneration cycles