

## Supplementary Materials for

### Graphene Oxide-Based Dispersive-Solid Phase Extraction for Preconcentration and Determination of Ampicillin Sodium and Clindamycin Hydrochloride Antibiotics in Environmental Water Samples Followed by HPLC-UV Detection

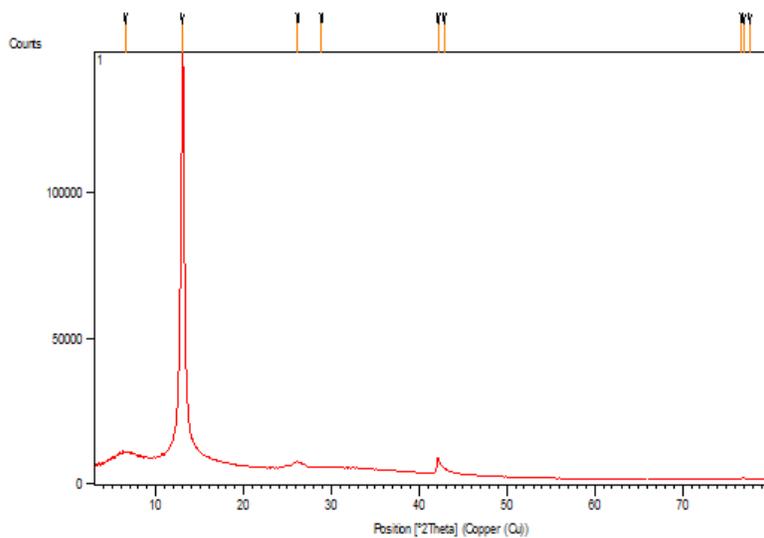
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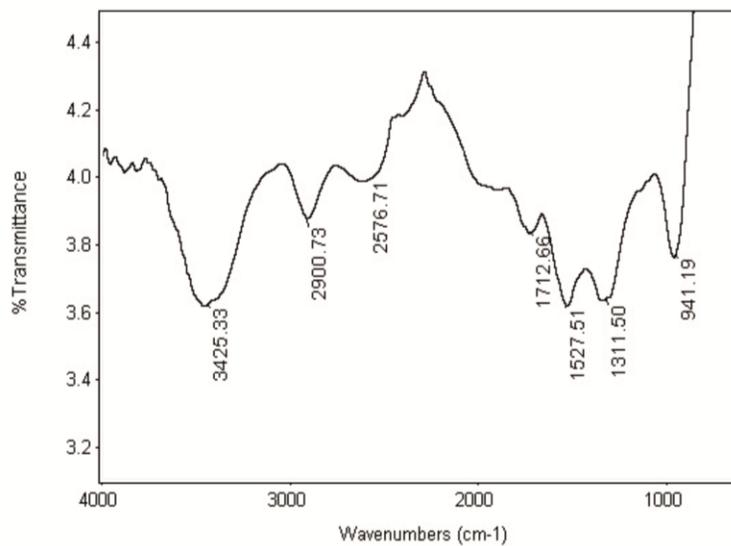
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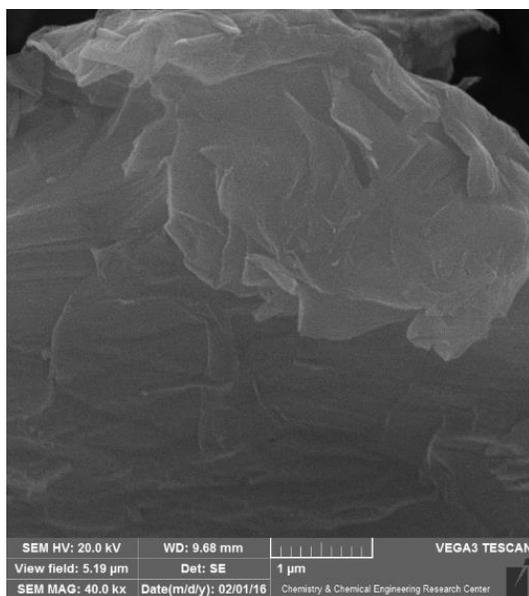
Figures S1 to S5



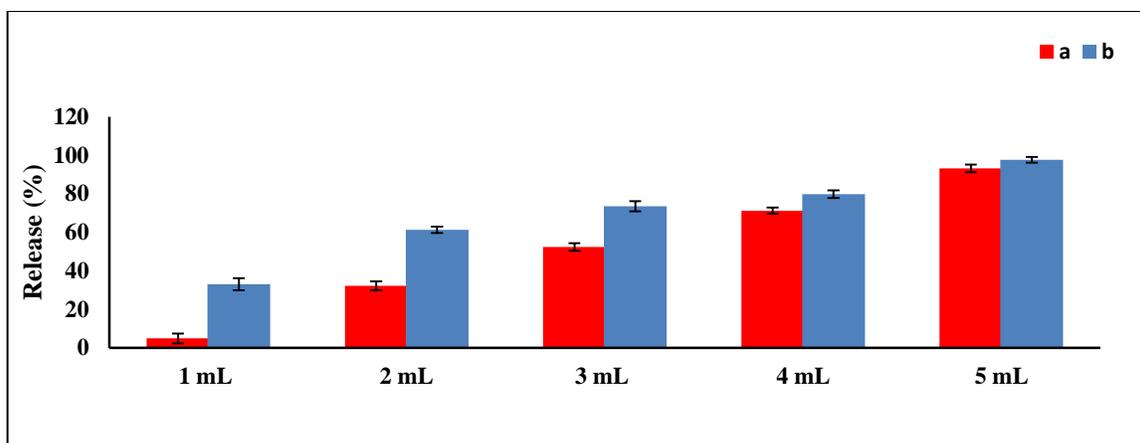
**Figure S1.** X-ray diffraction pattern of GO.



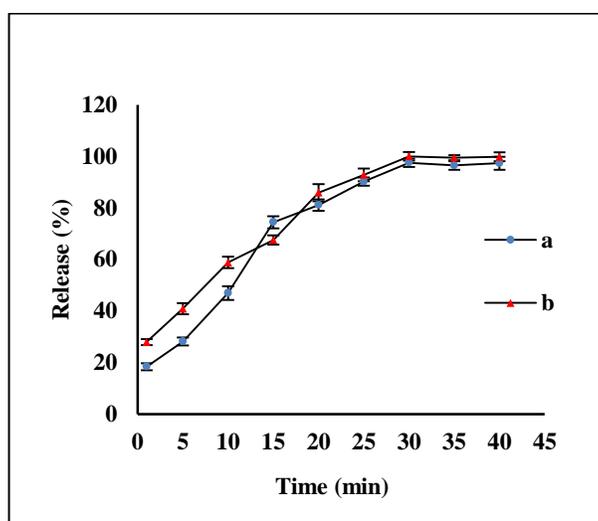
**Figure S2.** FT-IR spectra of GO.



**Figure S3.** SEM image of GO.



**Figure S4.** Effect of acetonitrile volume on the AMP (a) and CLI (b) Release% (n = 3 for each point). Conditions: AMP concentration,  $1 \mu\text{g mL}^{-1}$ ; CLI concentration,  $2 \mu\text{g mL}^{-1}$ ; GO amount, 3 mg; elution solvent, solution acetonitrile; elution volume, (1-5) mL; desorption time, 30 min.



**Figure S5.** Effect of desorption time on the AMP (a) and CLI (b) Release% (n=3 for each point). Conditions: AMP concentration,  $1 \mu\text{g mL}^{-1}$ ; CLI concentration,  $2 \mu\text{g mL}^{-1}$ ; pH value, pH 6 (AMP) and 7.6 (CLI); extraction time, 30 min (AMP) and 35 min (CLI); sorbent amount, 3 mg; elution solvent, acetonitrile; elution volume, 5 mL; desorption time, 1-45 min.