

Supporting Information for

Simple hydrothermal preparation of carbon nanodots and its colorimetric and fluorescent detection of mercury ions

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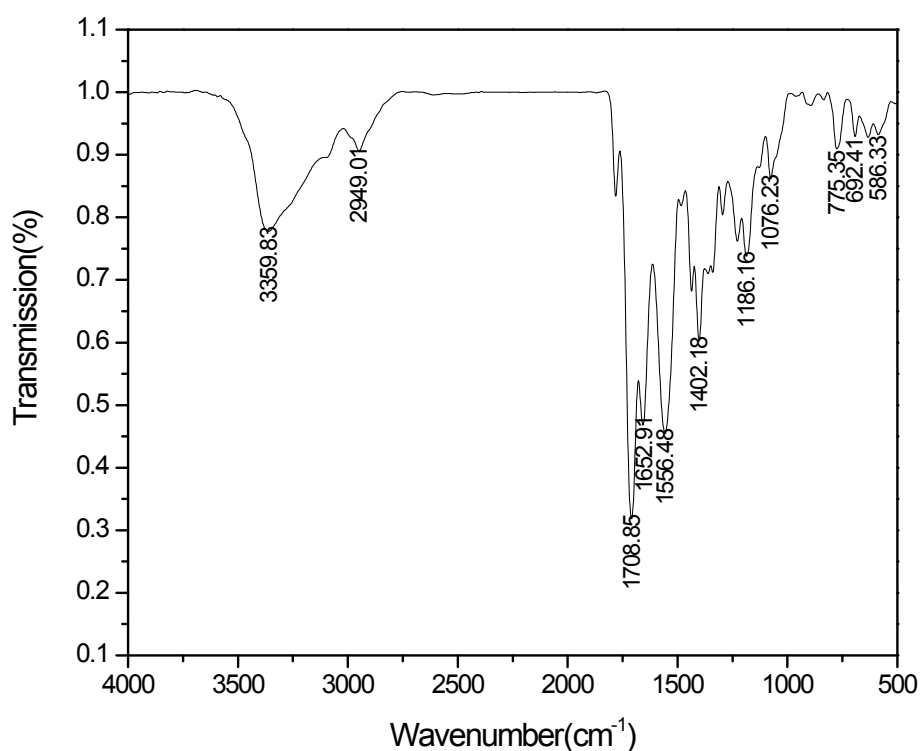


Figure S1 FTIR spectrum of CDs

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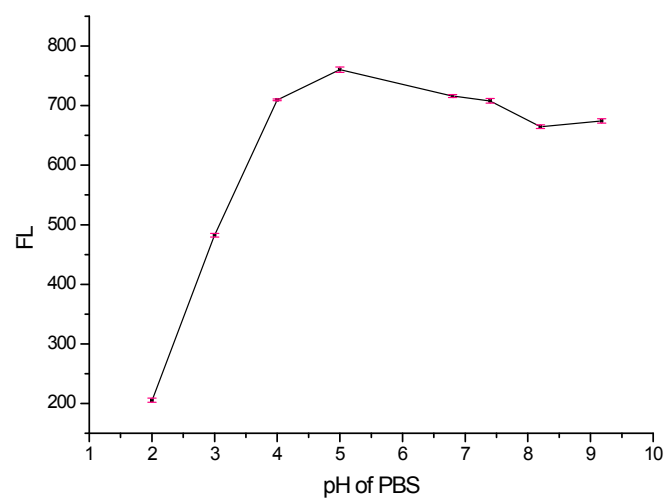


Figure S2 Fluorescence intensities of CDs solutions at different pH value (PBS).

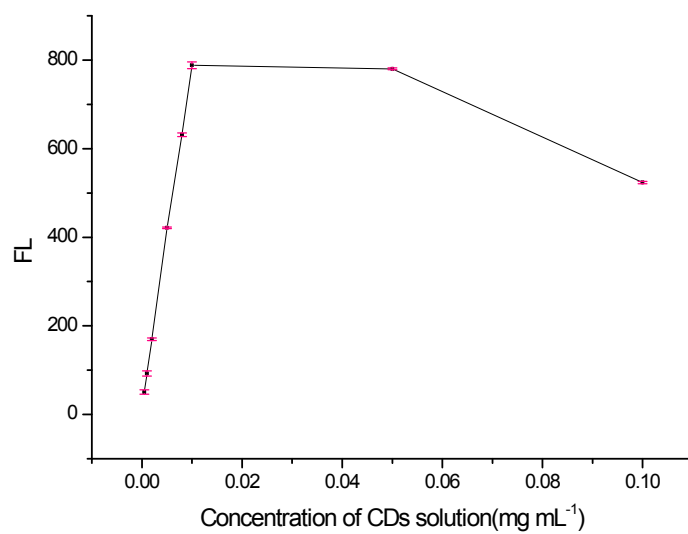


Figure S3 Concentration-dependent behavior of CDs in aqueous solution

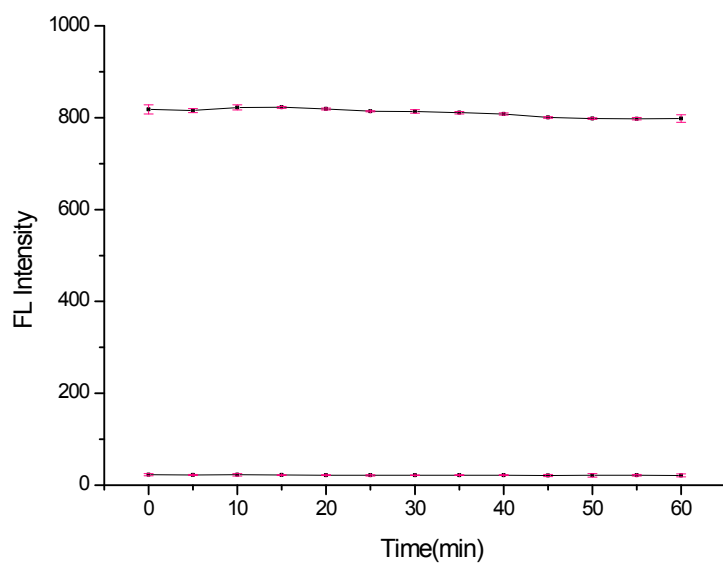


Figure S4 Stability of the system in (b) and out (a) of presence of Hg^{2+} . Concentration of Hg^{2+} is $7.0 \times 10^{-7} \text{ mol L}^{-1}$.