

Supporting Information

Selective sensing of heavy metal ions using carbon dots synthesized from *Azadirachta indica* seeds

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Figures:



Figure S1. Represents the camera image acquired AI-CDs-1 treated with: a1) only CDs (untreated), b1) with Cd^{2+} and c1) with As^{3+} and AI-CDs-2 treated with a2) only CDs, b2) with Cd^{2+} and c2) As^{3+} .

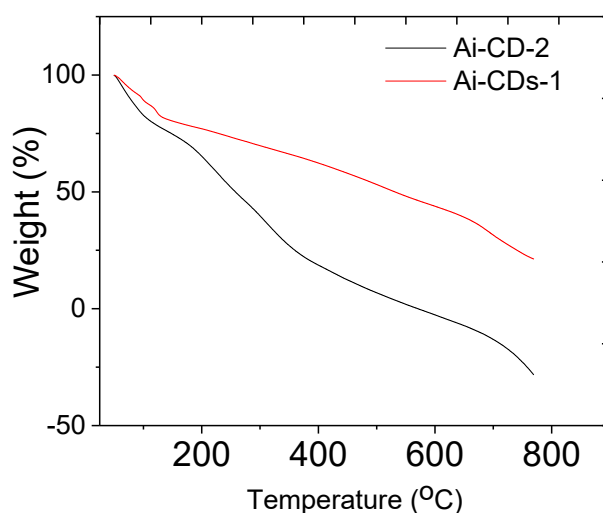


Fig. S2 TGA results of Ai-CDs-1 and Ai-CDs-2 at a heating rate of $10\text{ }^{\circ}\text{C min}^{-1}$ under N_2 -gas atmosphere.

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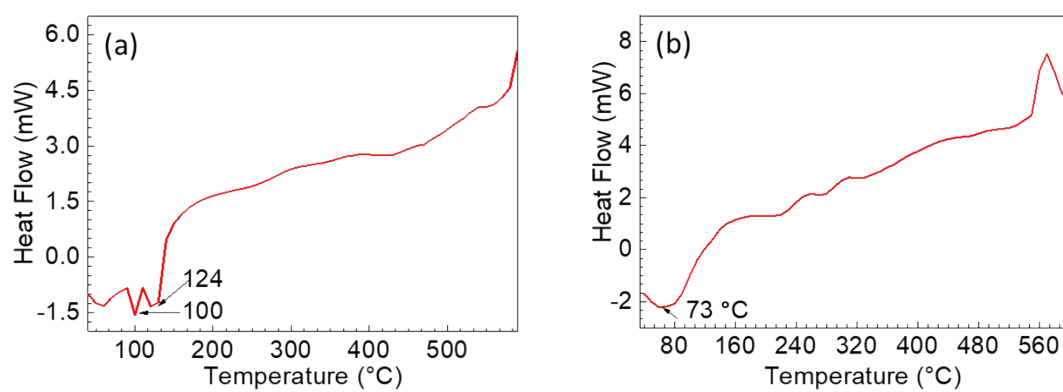


Figure S3 DSC graph for the samples: (a) Ai-CDs-1 and (b) Ai-CDs-2.