

**Cadmium Sulfide Quantum Dots anchored on Reduced Graphene Oxide for Electrochemical Detection of Metronidazole**

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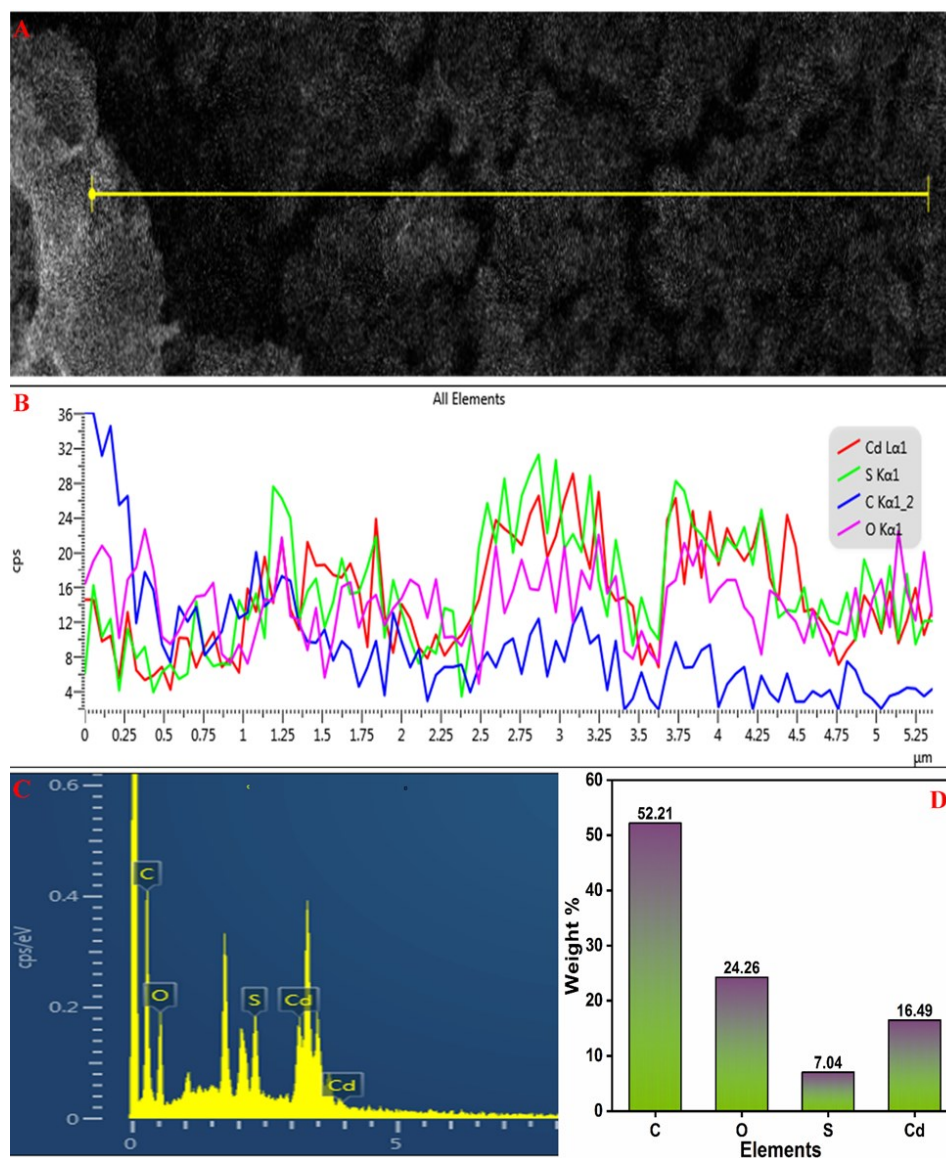


Fig. S1. (A) FESEM image of CdS QD@rGO, (B) line spacing data of CdS QD@rGO, C & D shows the EDX spectra and the wt% of the element present in the composition

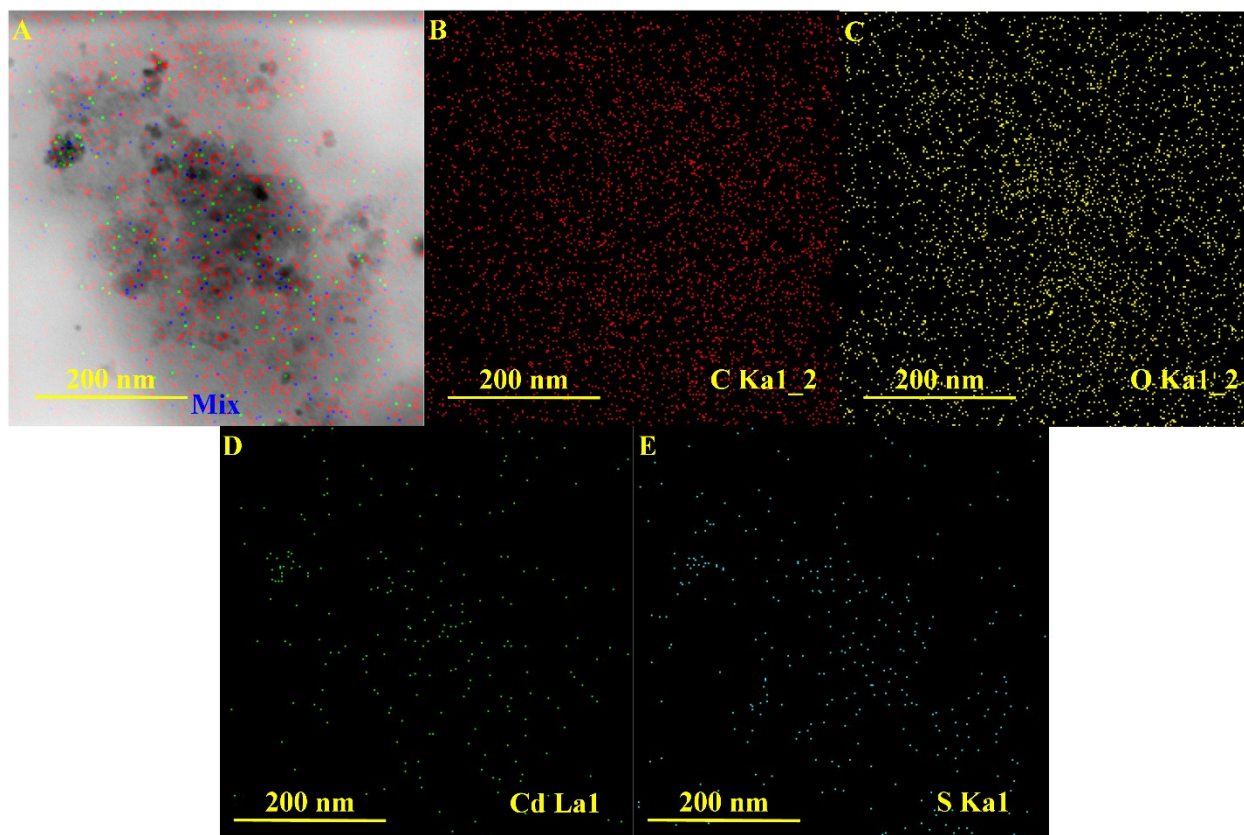


Fig. S2. (A-E) EDAX elemental mapping of CdS QD@rGO

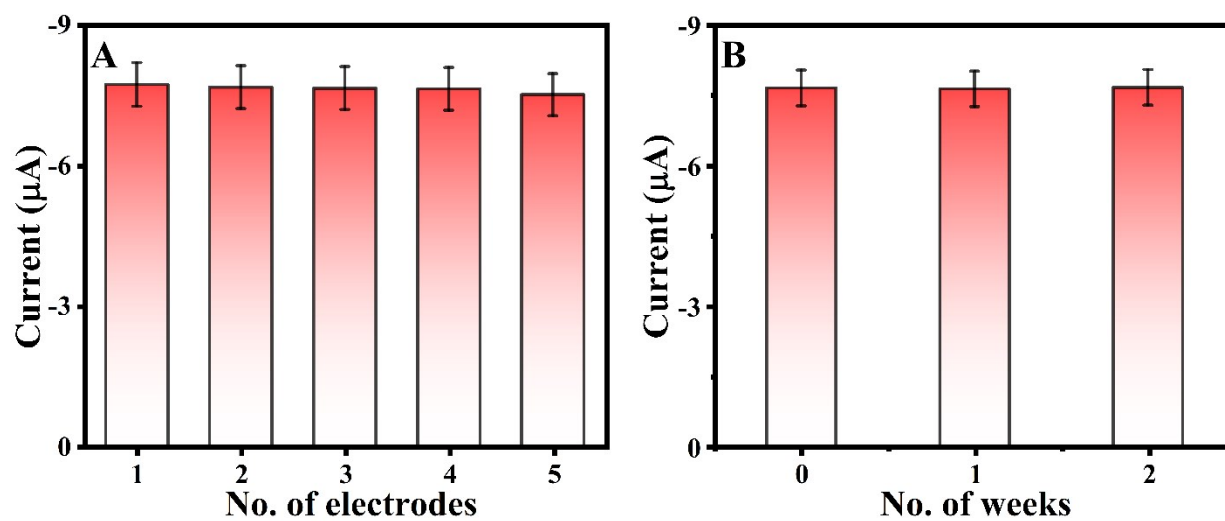


Fig. S3. (A) The bar plot of MTZ on CdS QDs@rGO sensor by different electrodes and number of weeks.

