

**Fluorescence probe for mercury(II) based on the aqueous synthesis of
CdTe quantum dots stabilized with 2-mercaptoetanosulfonate**

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Supplementary material

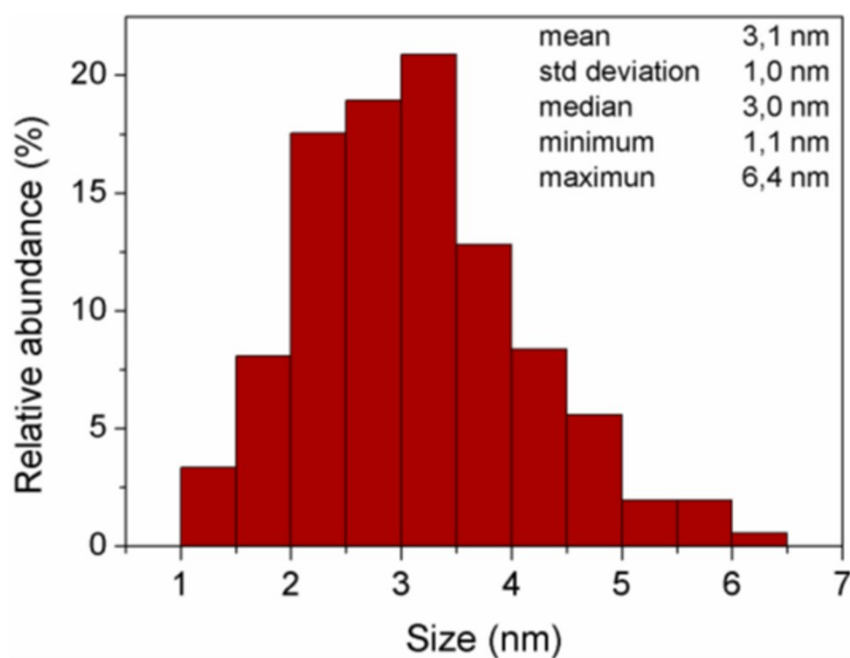


Fig. S1 – The particle size distribution of the as-prepared MES-capped CdTe QDs.

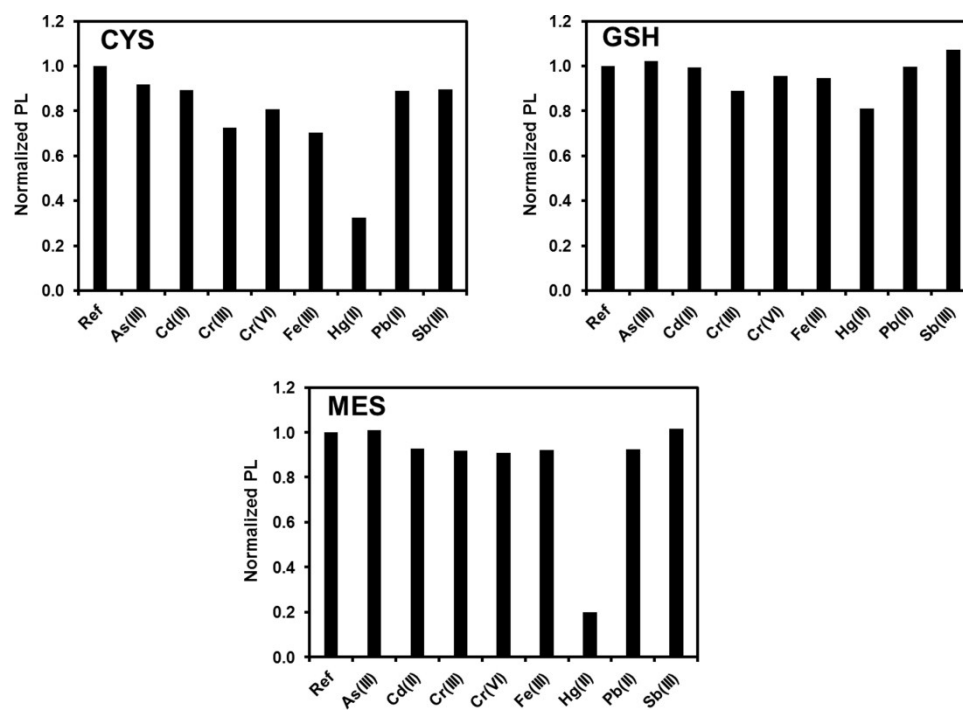


Fig. S2 – Influence of several metals ions on the PL intensity of CYS, GSH and MES-capped CdTe QDs.