Electronic Supplementary Material (ESI) for New Journal of Chemistry.

A Gold-carbon dots nanoprobe for dual mode detection of ketamine HCl in soda drinks Mahmoud A. Tantawy^a, Mohamed A. Farag^{b,c} Ali M. Yehia^{a,d*}

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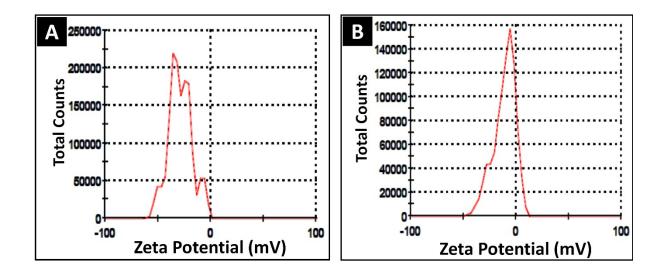


Figure 1S. Zeta potential distribution charts of (A) AuNPs and (B) CDs.

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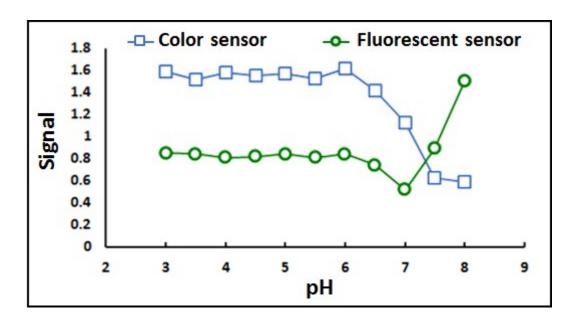


Figure S2. Effect of pH on the fluorescent recovery efficiency ($(F - F_0)/F_0$) or absorption ratio (A_{650}/A_{520}) after addition of KET (6 x 10^{-4} mol L^{-1}) to AuNPs/CDs nanoprobe