

Supporting Information

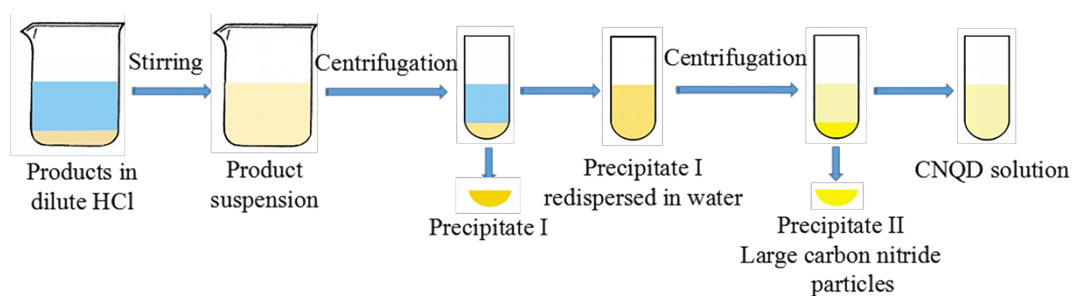
Synthesis of fluorescent polymeric carbon nitride quantum dots in molten salts for security ink

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Scheme S1. Schematic illustration of the separation process of CNQDs and product labeling

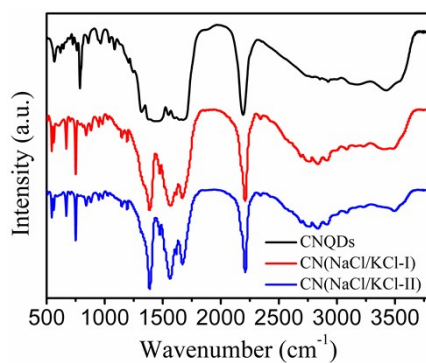


Figure S1 FTIR spectra of CN(NaCl/KCl-I), CN(NaCl/KCl-II) and CNQDs.

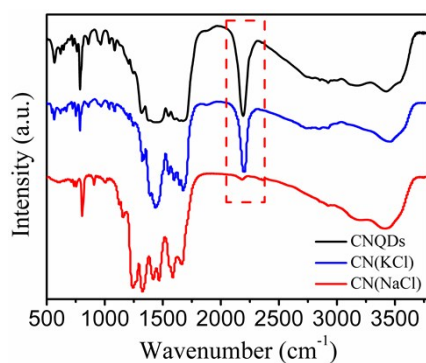


Figure S2 FTIR spectra of CN(NaCl), CN(KCl) and CNQDs.

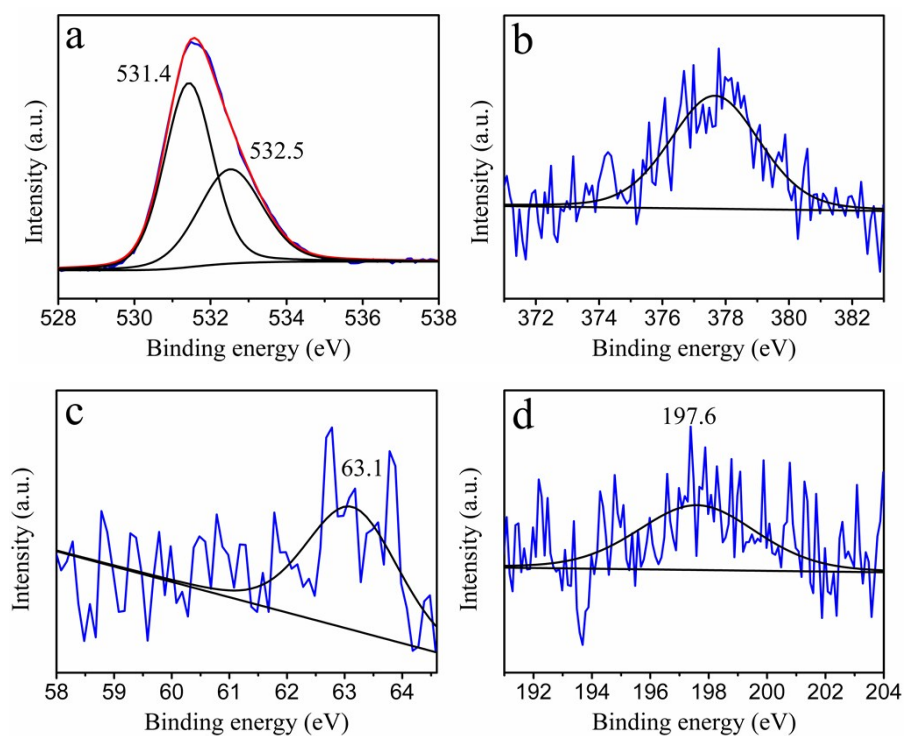


Figure S3. (a) High resolution O 1s, (b) K 2s, (c) Na 2s and (d) Cl 2p XPS spectra of CNQDs.

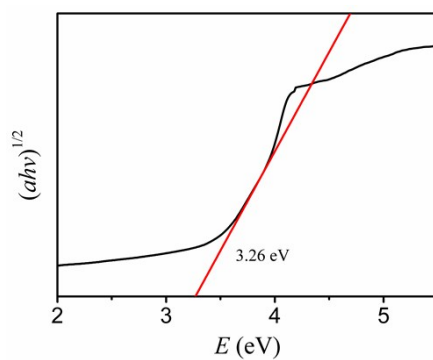


Figure S4. Kubelka-Munk function plot of CNQDs.

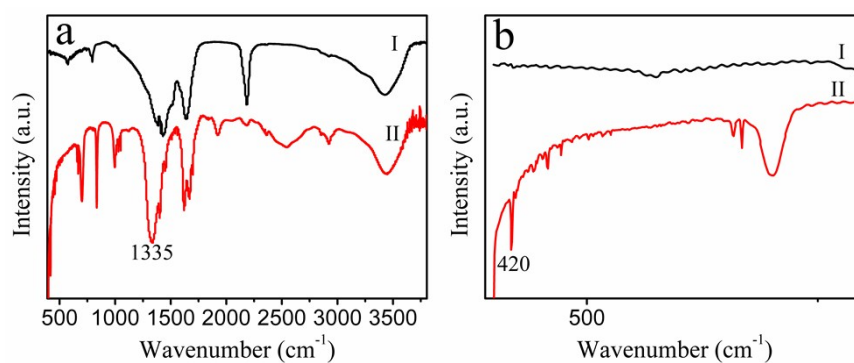


Figure S5. (a) FTIR spectra of the substances in the mixture of CNQDs, CuCl_2 and NaHCO_3 . (b) The enlarged plots of FTIR spectra of the substances in the mixture of CNQDs, CuCl_2 and NaHCO_3 . (I: the substances in the mixture of CNQDs and CuCl_2 ; II: the substances in the mixture of CNQDs, CuCl_2 and NaHCO_3).