

Electronic Supporting Information

Carbon dot doped sodium borosilicate gel glasses with emission tunability and their application in white light emitting diodes†

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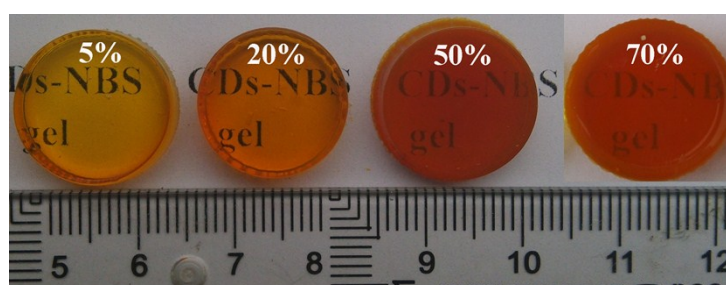


Fig. S1 Optical photographs upon visible light of CD-NBS gels doped with various ratios of CDs (drying temperature 100 °C)

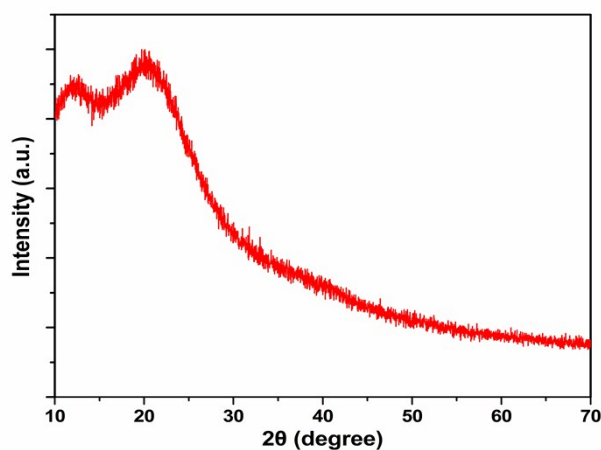


Fig.S2 XRD pattern of CDs

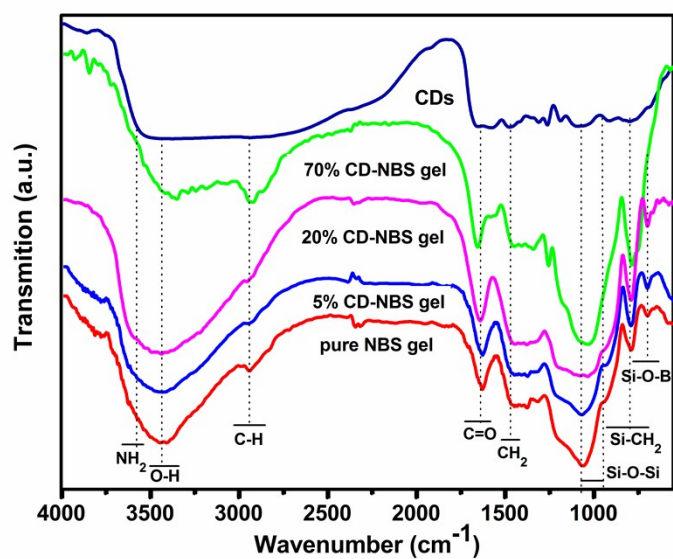


Fig. S3 FTIR spectra of CDs, pure NBS gel, and CD-NBS gel with different ratios of CDs

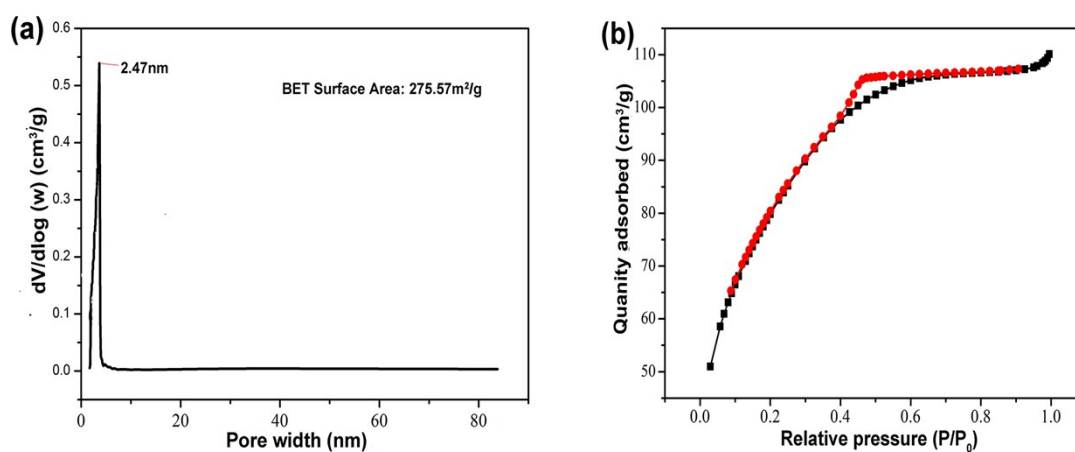


Fig. S4 Pore size distribution curve and (b) nitrogen adsorption-desorption isotherm of the CD-NBS gel

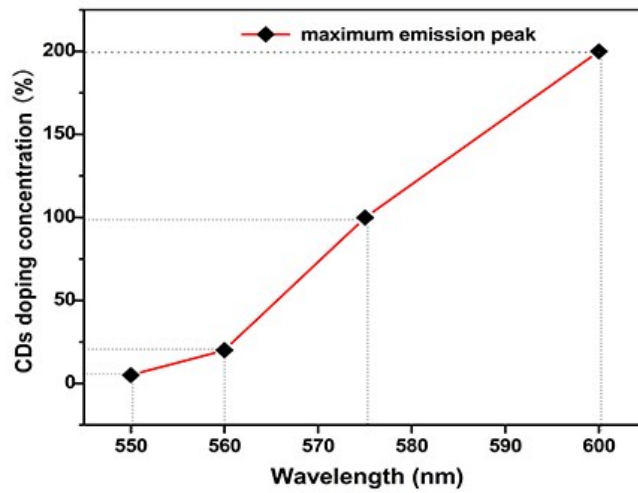


Fig.S5 The main emission peak of CD-NBS gel with different loading fraction of CDs

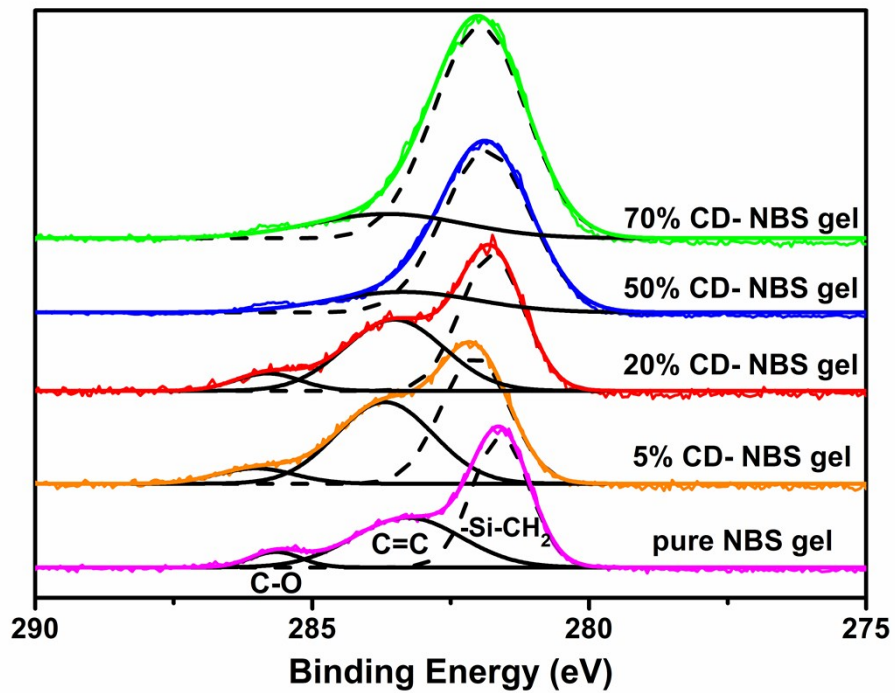


Fig. S6 High-resolution XPS spectra of C 1s level for pure NBS gel and CD-NBS gels with different ratios of CDs