

Online Supporting Information

Boron-Doped Graphene Quantum Dots: An Efficient Photoanode for Dye Sensitized Solar Cell

Vijaya Prabhagar. M^a, M. Praveen Kumar^a, Chisato Takahashi^b, Subrata Kundu^{a,*},

Tharangattu N. Narayanan^c, Deepak K. Pattanayak^{a,*}

^aCSIR-Central Electrochemical Research Institute, Karaikudi, Tamilnadu, 630003, India.

^bNational Institute of Advanced Industrial Science and Technology, Anagahora,
Shimoshidami, Moriyama-ku, Nagoya, Aichi, 4638560, Japan.

^cTata Institute of Fundamental Research Hyderabad, Sy. No. 36/P, Gopanapally Village,
Serilingampally Mandal, Hyderabad 500107, India.

* Corresponding authors E-mail: skundu@cecri.res.in, deepak@cecri.res.in

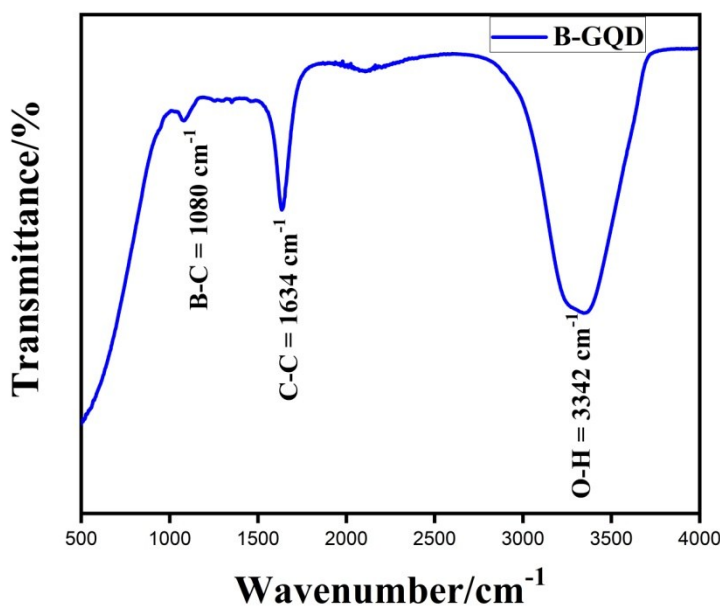


Fig. S1: FTIR spectrum of B-GQD.

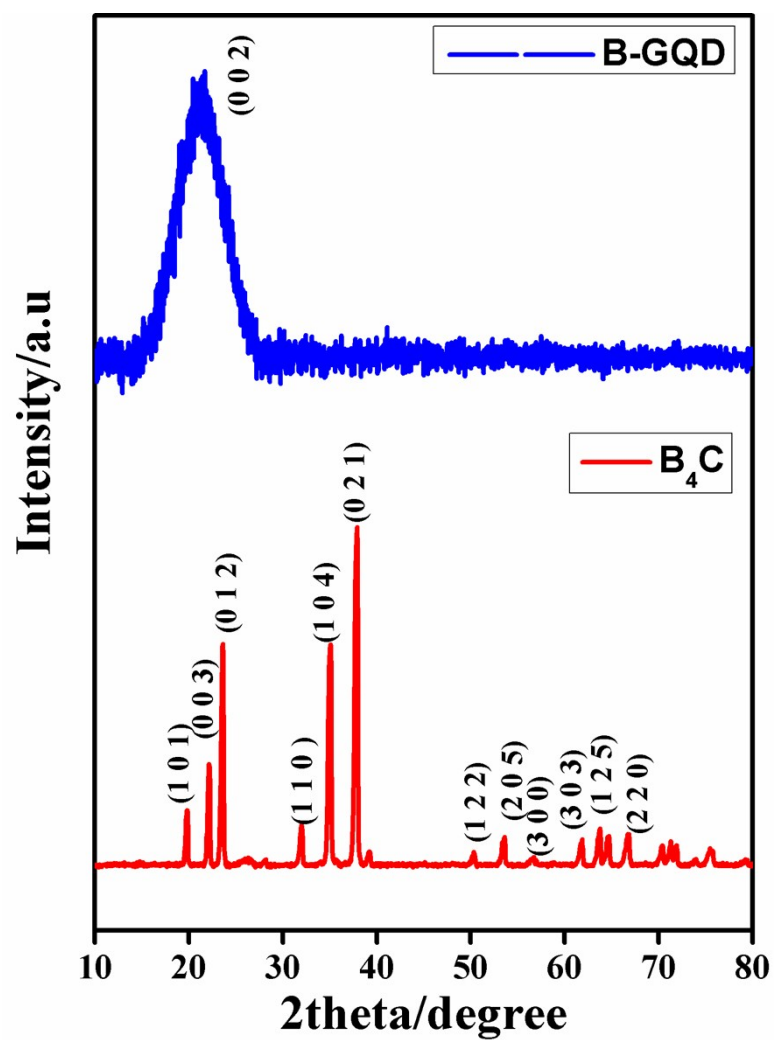


Fig. S2: XRD spectra of as-purchased B₄C and B-GQD prepared from the B₄C graphene.