

SUPPORTING INFORMATION

Sustainable growth and lipid production from *Chlorella pyrenoidosa* using N-doped carbon nanosheets: Unravelling the role of Graphitic Nitrogen

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ESI 1:

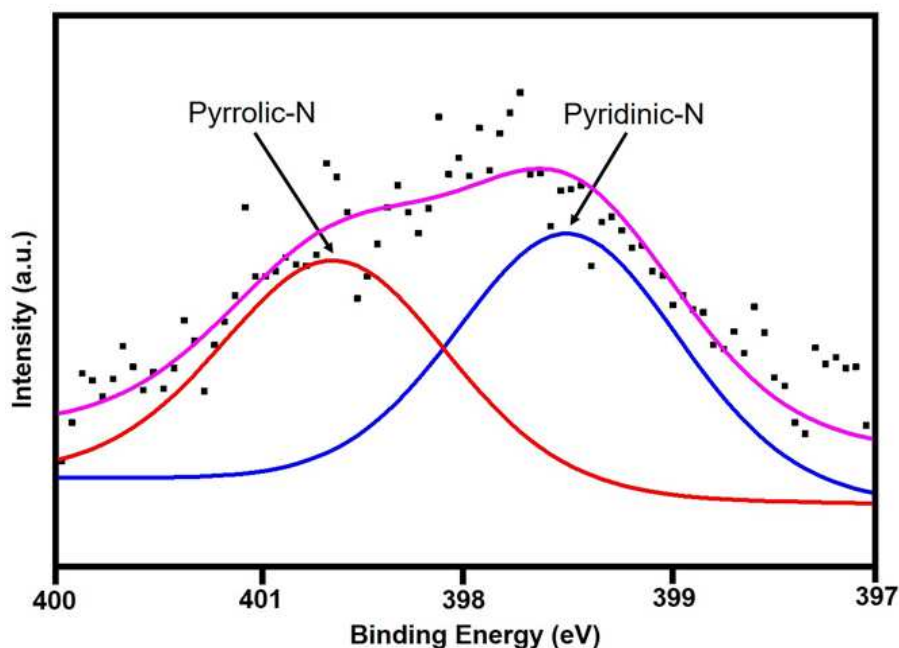


Figure 1 Optimum concentration (0.4 g, comparatively lower than previously reported *i.e.* 0.5 g) of Melamine depicts enhanced ratio of pyrrolic ‘N’ to pyridinic ‘N’, eventually leads to synthesis of more graphitic ‘N’.

ESI 2:

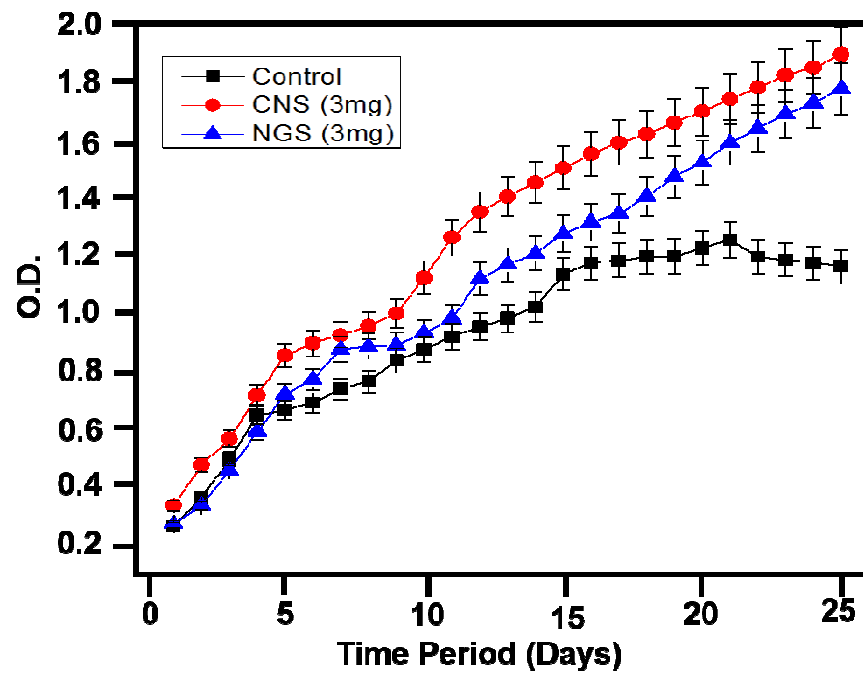


Figure 2 Prolonged growth pattern of Control, CNS and NGS.