Electronic Supplementary Material (ESI) for Journal of Materials Chemistry

Supporting information

MnO_2 Assisted Oxidative Polymerization of Aniline on Graphene sheets: A Superior Nanocomposite Electrodes for Electrochemical Supercapacitors

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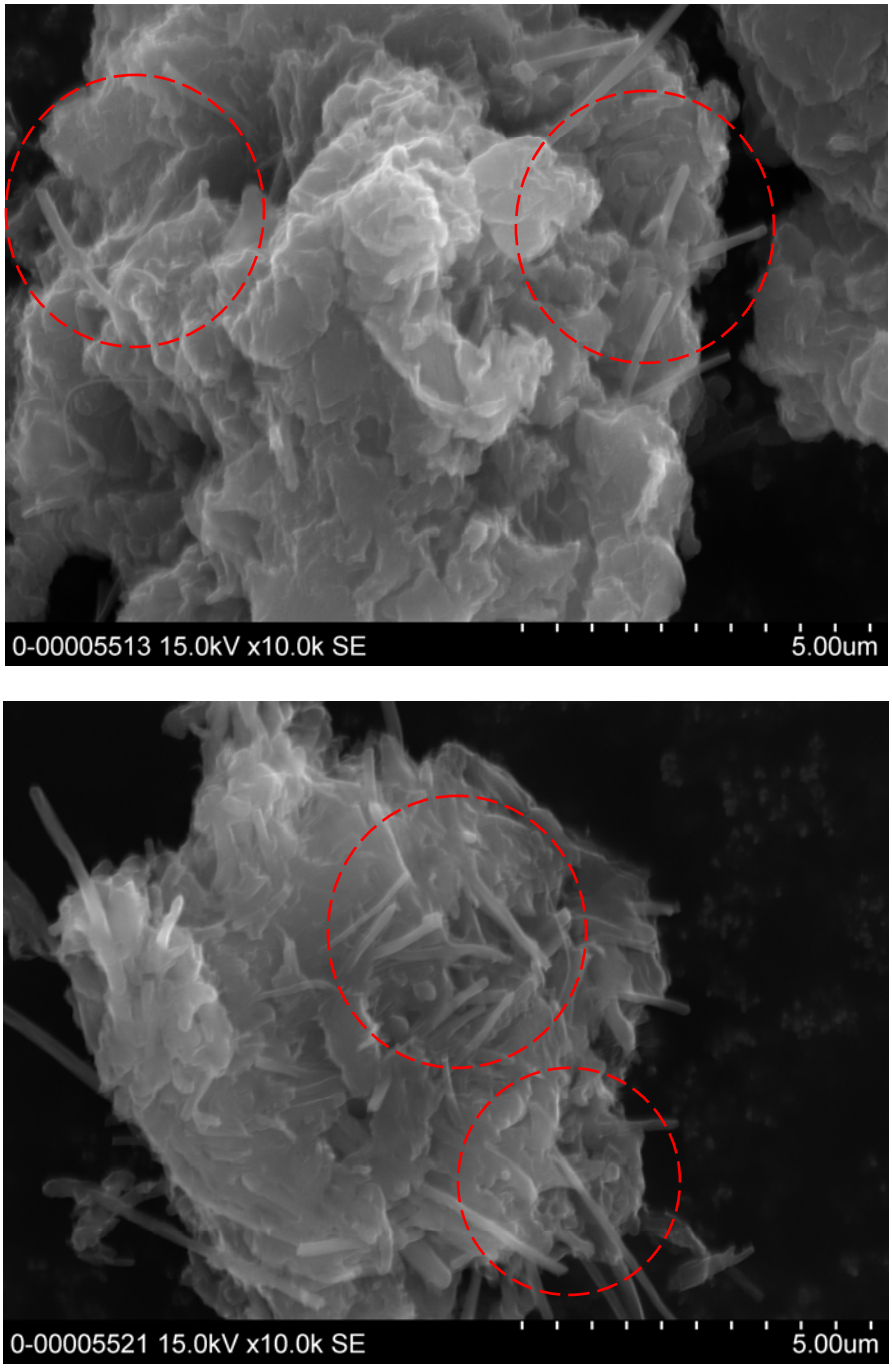

Figure S1. SEM images of GO-CNT-PANI nanocomposite clearly show the existence of CNTs in the GO-CNT-PANI nanocomposites.

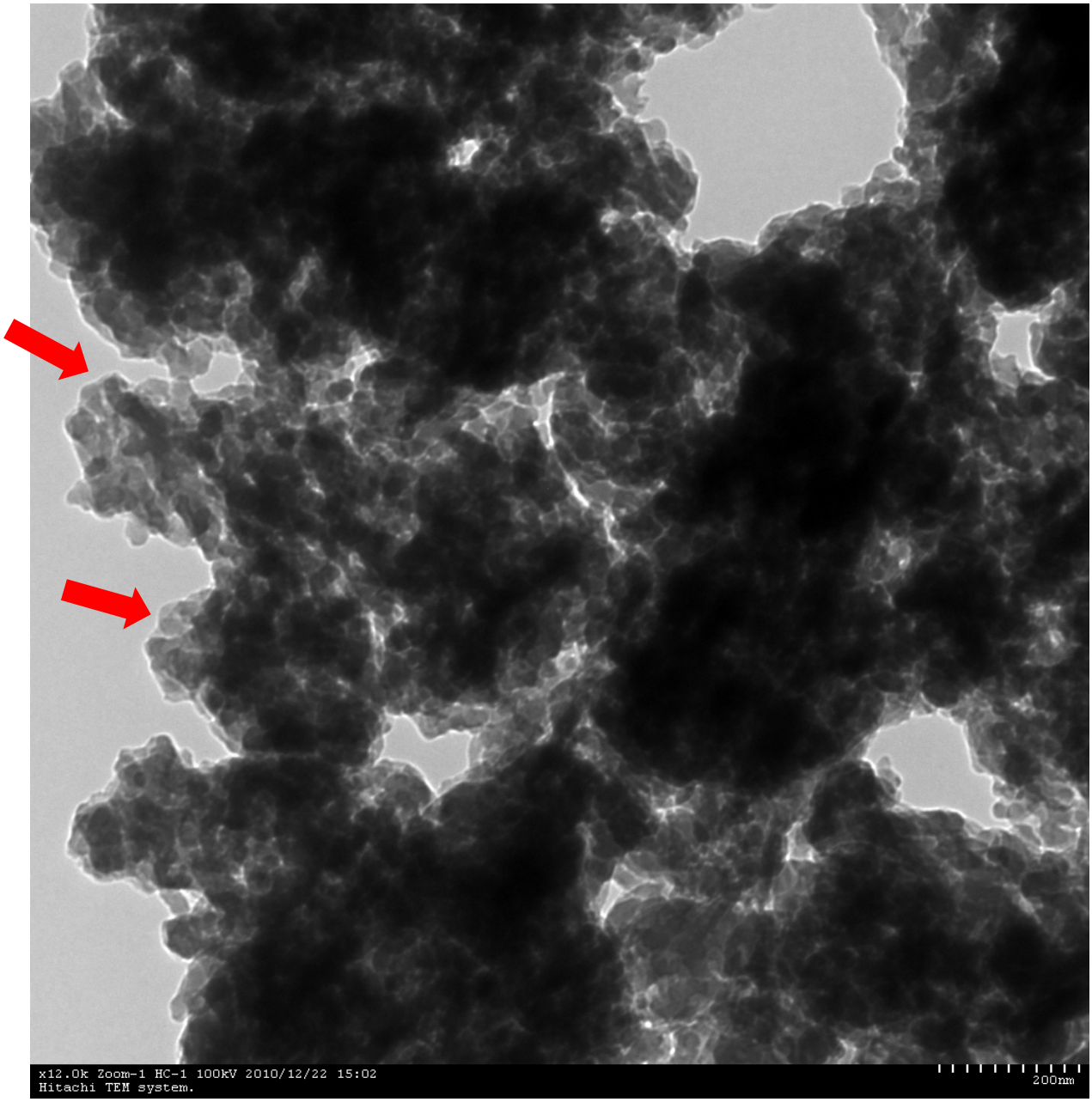

Figure S2 (a). TEM image of M-RGO-PANI nanocomposite. (The arrow mark indicates the graphene nanosheets in the composite)

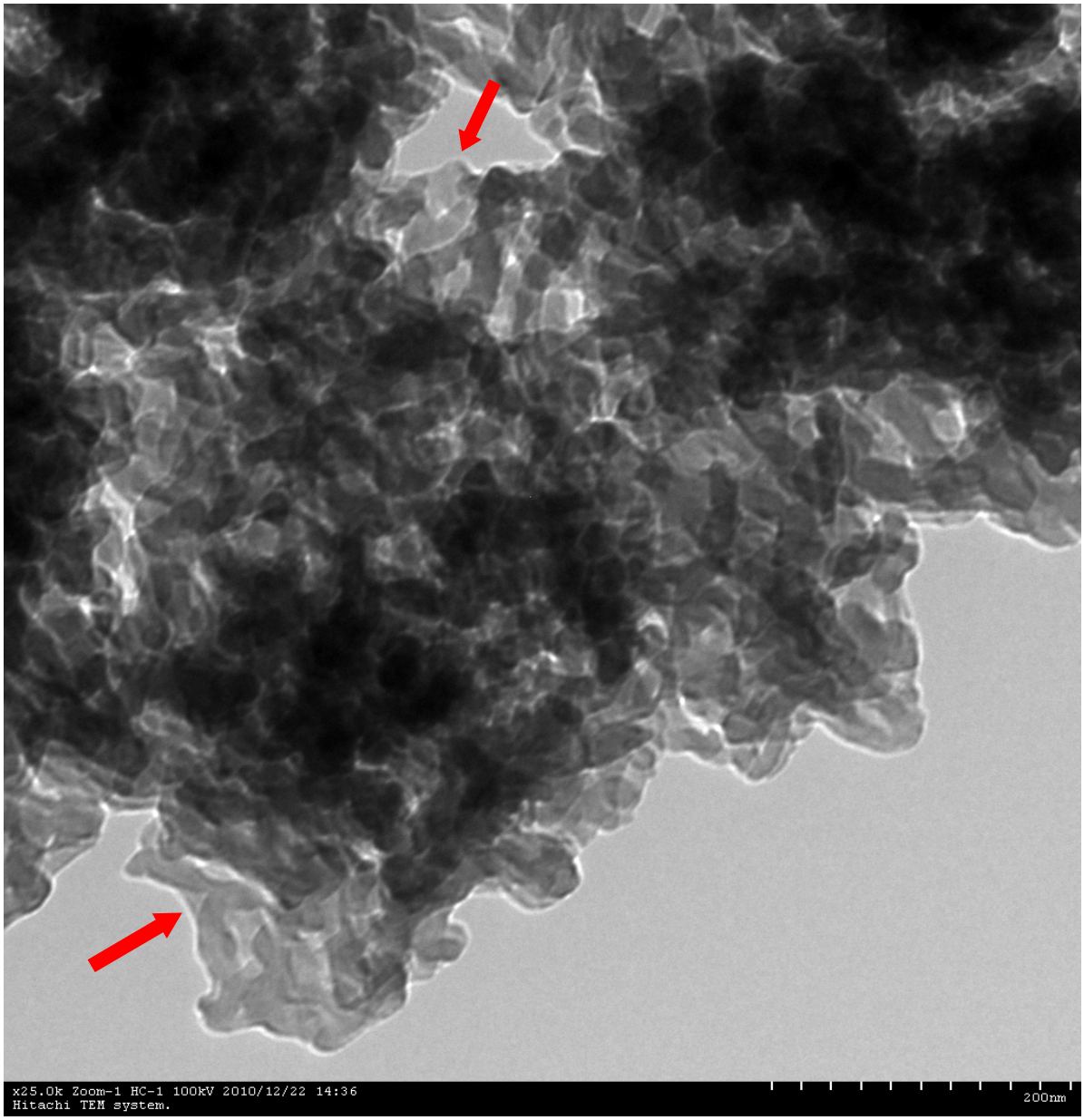

Figure S2 (b). TEM image of M-RGO-PANI nanocomposite. (The arrow mark indicates the graphene nanosheets in the composite)

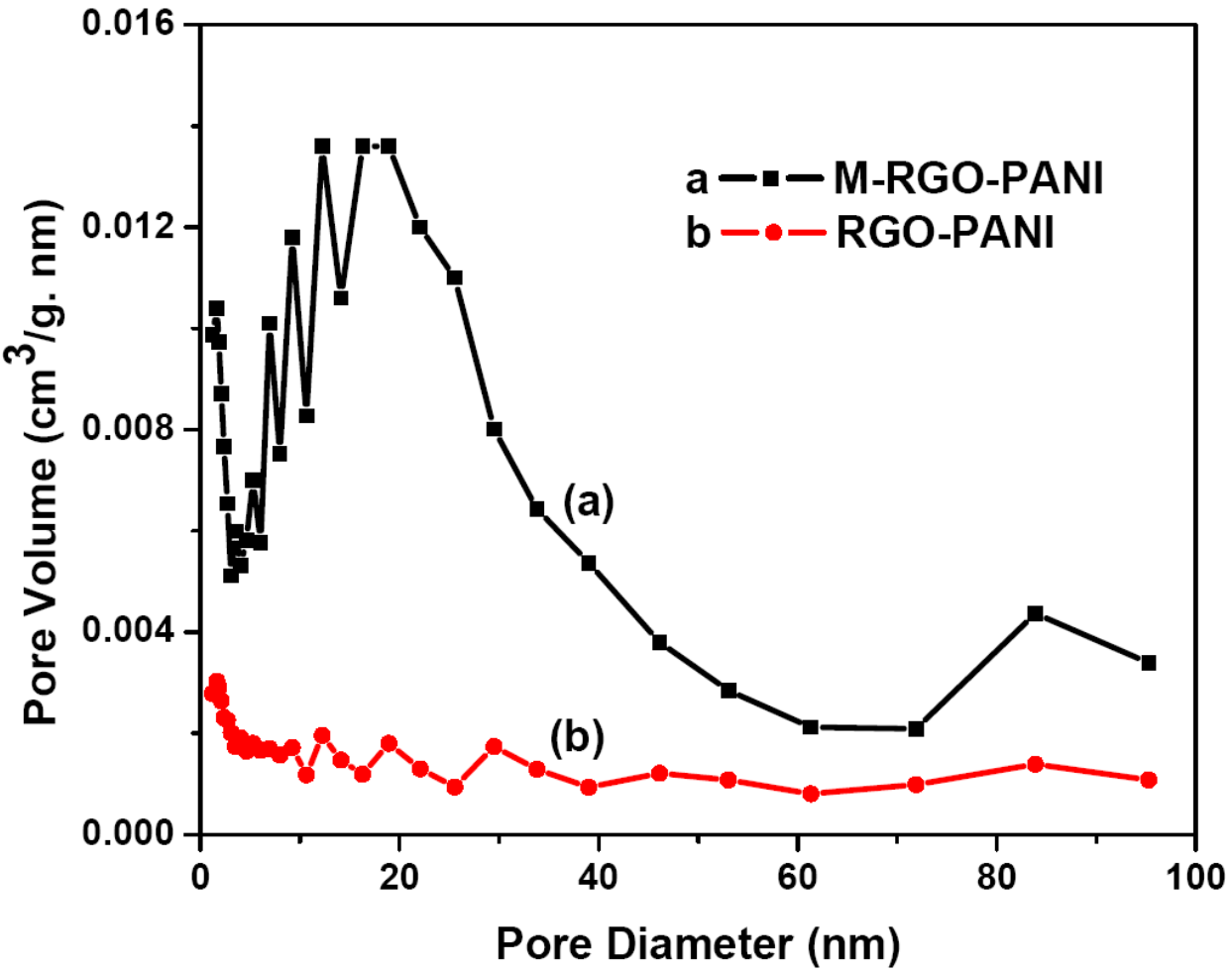

Figure S3. Pore size distribution profile of (a) M-RGO-PANI and (b) RGO-PANI nanocomposites.

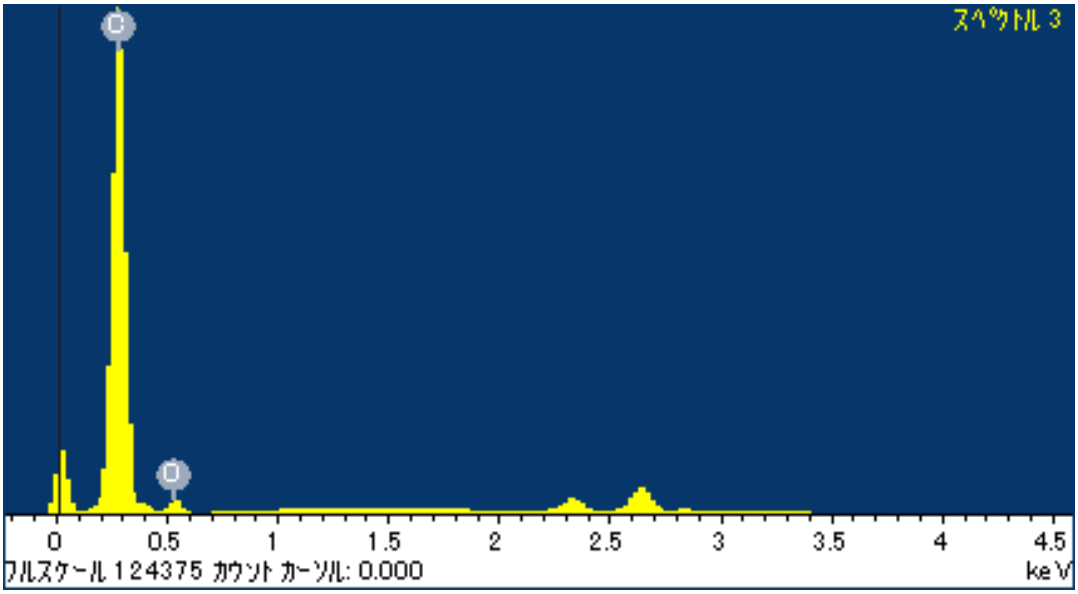

Figure S4. SEM-EDX profile of M-GO-PANI nanocomposite clearly shows the absence of MnO_2 in the M-GO-PANI nanocomposites.