

Electronic Supplementary Information

**Improving supercapacitor performance of alkylated
graphene nanosheets via partial fluorination on their
alkyl chains**

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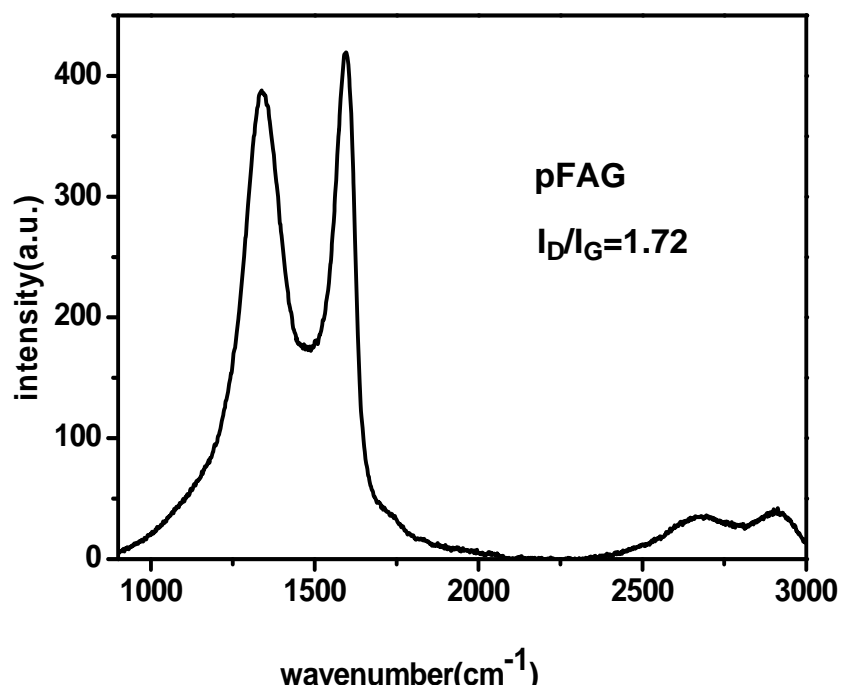


Fig. S1 Raman spectrum of **pFAG**.

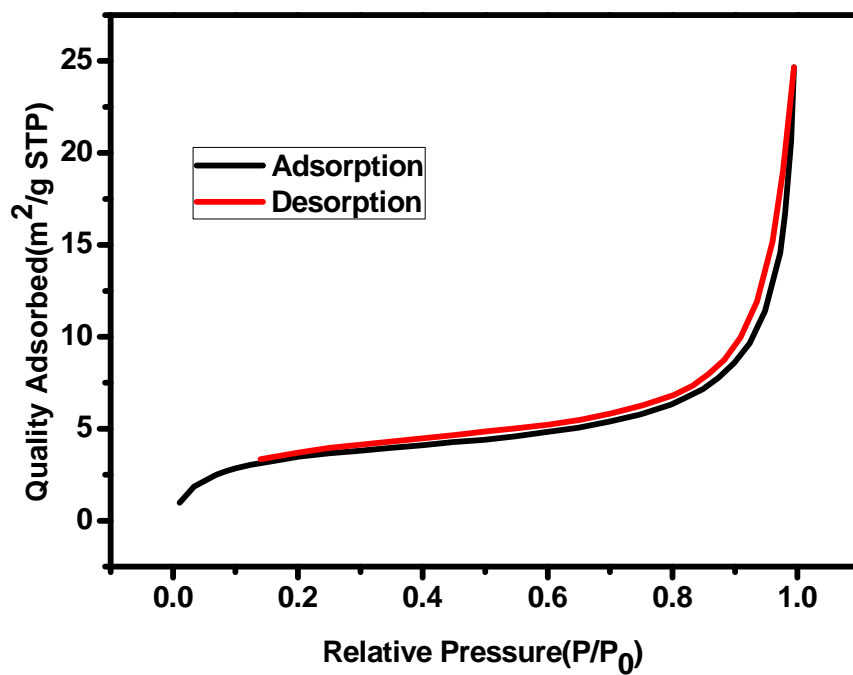


Fig. S2 Nitrogen adsorption and desorption isotherms of **pFAG**.

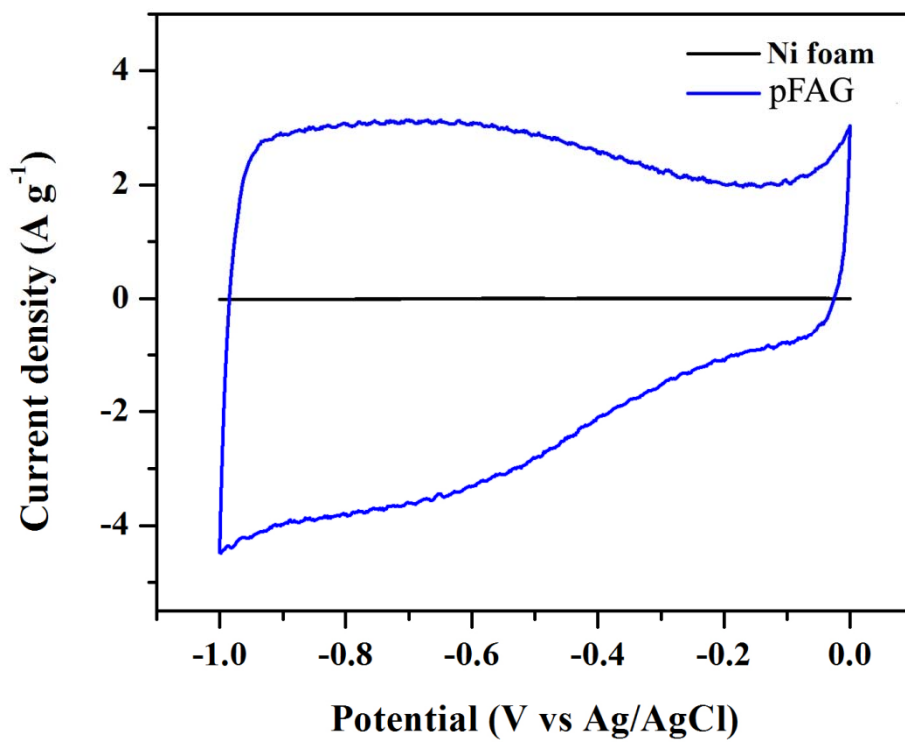


Fig. S3 CV curves of pFAG electrode and Ni foam only at a scan rate of 20 mV s⁻¹.