

Electronic Supplementary Information

Graphene-Promoted Acetalization of Glycerol under Acid-Free Conditions

Nicolas Oger,^a Yuting F. Lin,^a Erwan Le Grogneq,^a Franck Rataboul,^b François-Xavier Felpin^{*a,c}

^a Université de Nantes, UFR des Sciences et des Techniques, CNRS UMR 6230, CEISAM, 2 rue de la Houssinière, 44322 Nantes Cedex 3, France

^b Université de Lyon 1, Institut de Recherche sur la Catalyse et l'Environnement de Lyon, IRCELYON, CNRS, 2 Avenue Albert Einstein, 69626 Villeurbanne Cedex, France

^c Institut Universitaire de France, 103 blvd St Michel, 75005 Paris Cedex 5, France

*Corresponding author. Tel: (+33) 251 125 422. Email: fx.felpin@univ-nantes.fr

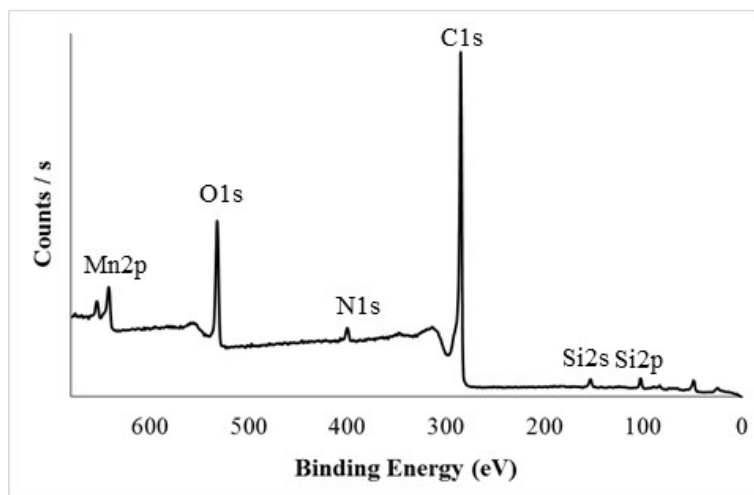


Fig. S1 Survey scan XPS spectra of unpurified GR

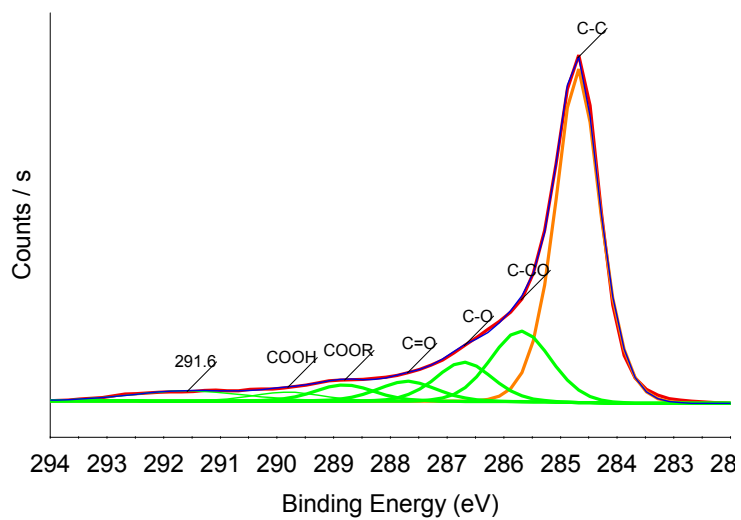


Fig. S2 High resolution of C 1s XPS spectra of GR after the fifth reuse

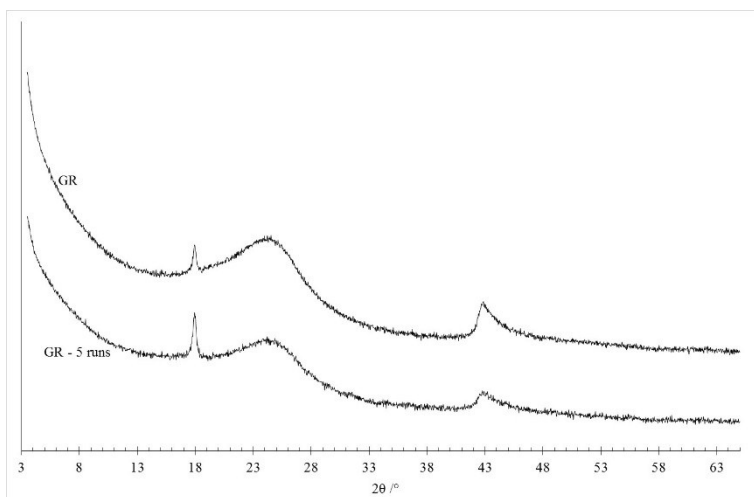


Fig. S3 XRD patterns of fresh GR and reused GR after the fifth run

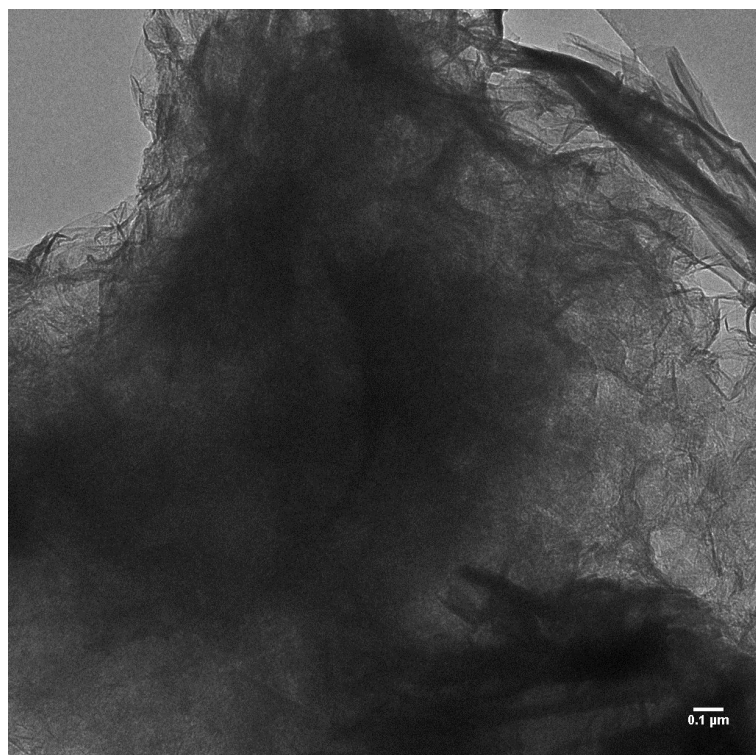


Fig. S4 TEM image of after the fifth reuse