

Supplementary data

Uptake of Tyrosine Amino Acid on Nano-Graphene Oxide

Hossam M. Nassef ^{1,2}, Mohamed Hagar ^{1,3}, Zeiad Malek ¹, and Abdelhameed M. Othman ^{1,4,*}

¹ Chemistry Department, Faculty of Science at Yanbu, Taibah University, Yanbu 46423, Saudi Arabia; hossamnassef2002@gmail.com (H.M.N.); mohamedhaggar@gmail.com (M.H.); waleed2993@gmail.com (Z.M)

² Chemistry Department, Faculty of Science, Damietta University, Damietta 34517, Egypt

³ Chemistry Department, Faculty of Science, Alexandria University, Alexandria 23132, Egypt

⁴ Environmental Biotechnology Department, Genetic Engineering and Biotechnology Research Institute, University of Sadat City, Sadat City 32897, Egypt

* Correspondence: ayosefaly@taibahu.edu.sa; Tel.: +966-540-673-967

GO used in this study was purchased from Advanced Chemical Supplier (ACS) Material LLC. It has been fully characterized by the company [23] as mentioned below:

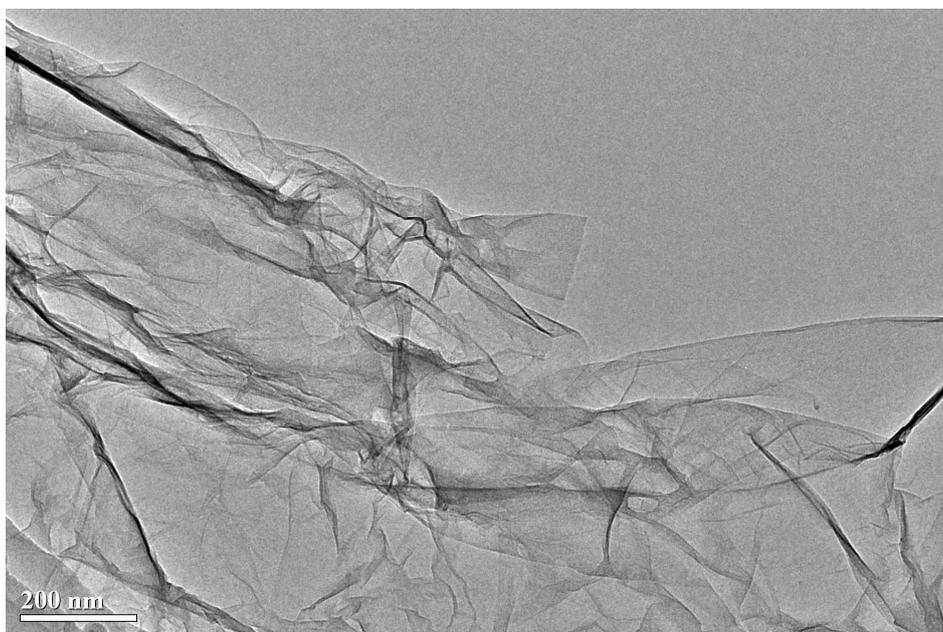


Figure S1. TEM Image of Single Layer Graphene (ACS Material-Graphene Factory)

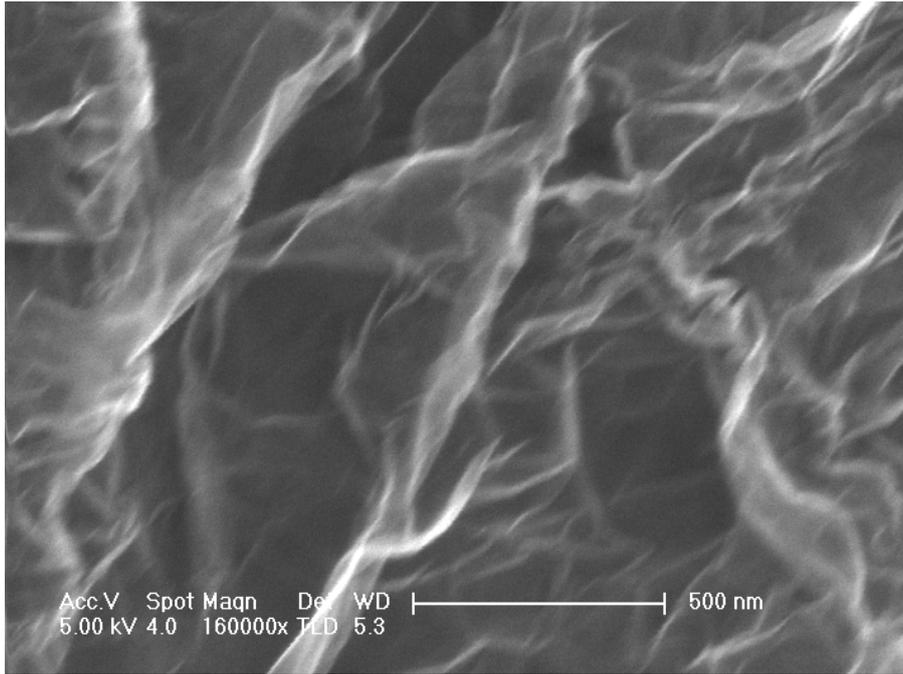


Figure S2. SEM Image of Single Layer Graphene (ACS Material-Graphene Factory)

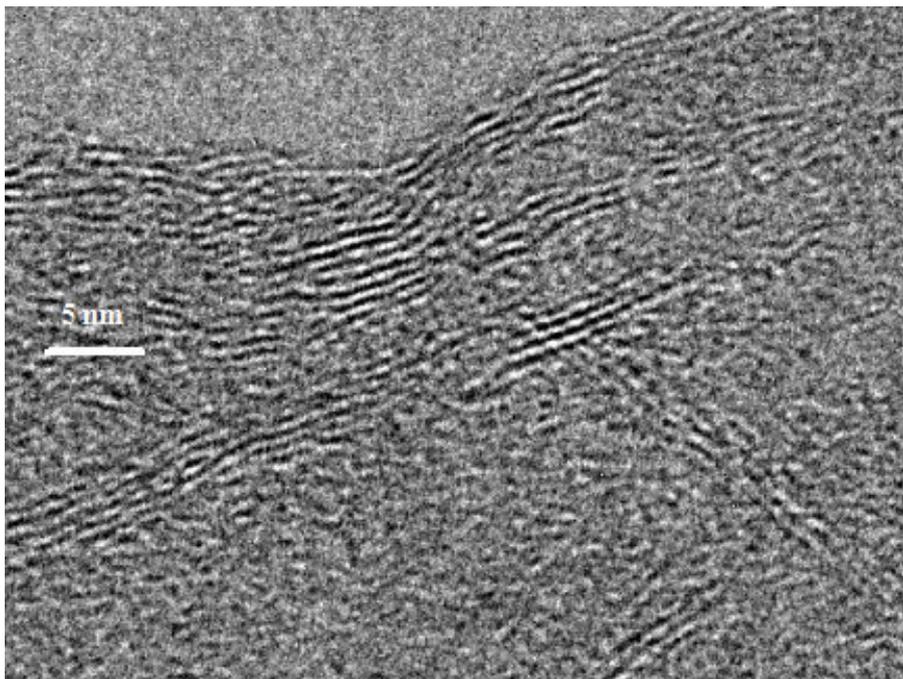


Figure S3. HRTEM Image of Single Layer Graphene (ACS Material-Graphene Factory)

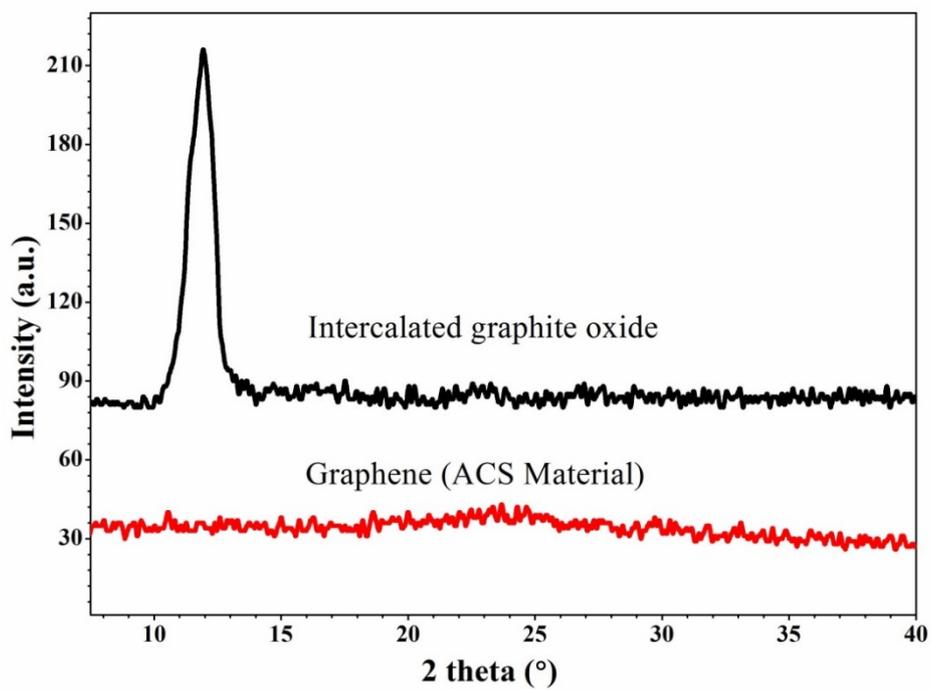


Figure S4. XRD Patterns of Single Layer Graphene (ACS Material-Graphene Factory)

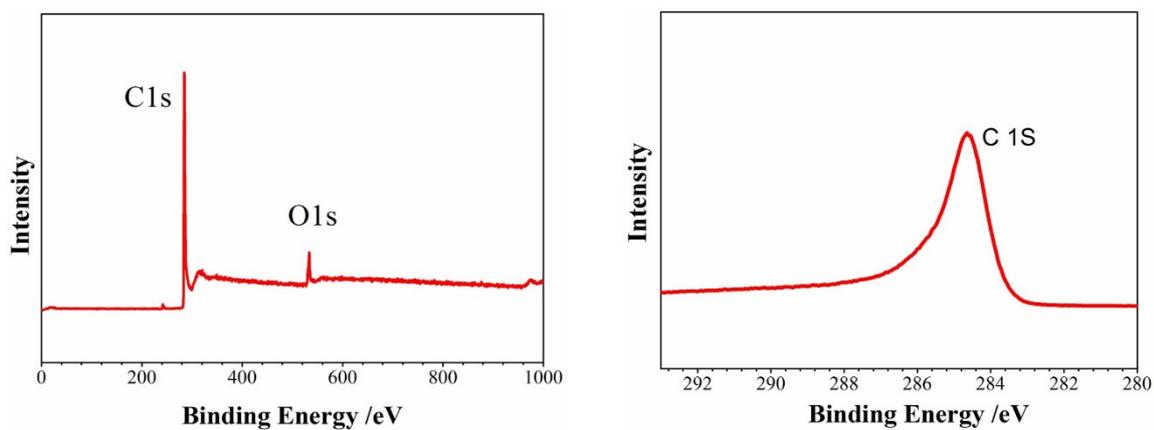


Figure S5. XPS Patterns of Single Layer Graphene. (ACS Material-Graphene Factory)

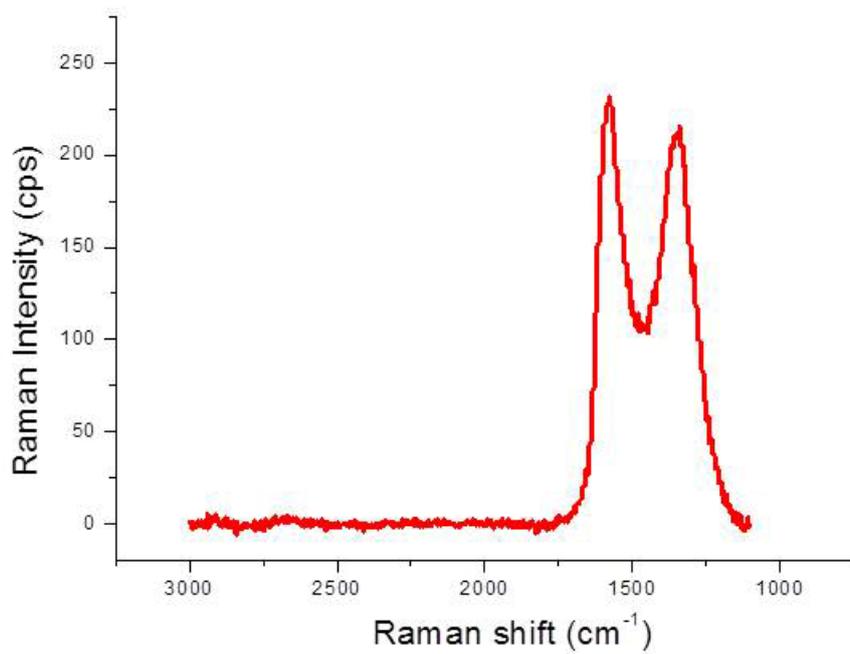


Figure S6. Raman Spectrum of Single Layer Graphene (ACS Material-Graphene Factory)