

Mesoporous Carbon Production by Nanocasting Technique Using Boehmite as a Template

María Ortega-Franqueza, Svetlana Ivanova, María Isabel Domínguez
and Miguel Ángel Centeno *

Departamento de Química Inorgánica, Instituto de Ciencia de Materiales de Sevilla, Centro Mixto CSIC–Universidad de Sevilla, Av. Américo Vespucio 49, 41092 Sevilla, Spain; ortegafrankeza@gmail.com (M.O.-F.); sivanova@us.es (S.I.); mdominguez1@us.es (M.I.D.)

* Correspondence: centeno@icmse.csic.es; Tel.: +34-954489543

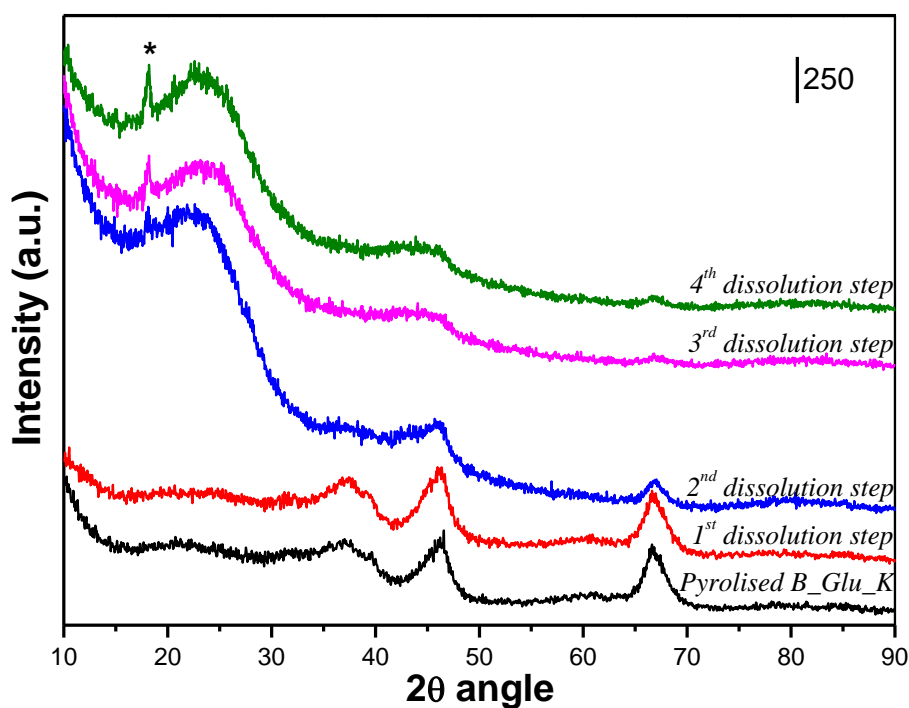


Figure S1. X-ray diffractograms evolution of pyrolised *B_Glu_K* sample after each stage of template dissolution (* silicate).

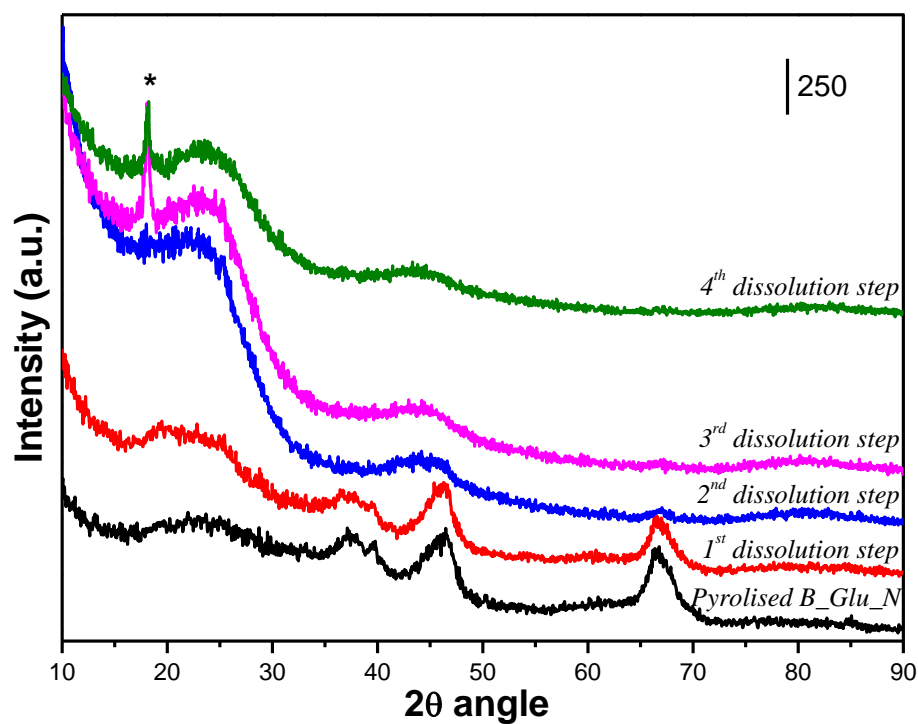


Figure S2. X-ray diffractograms evolution of pyrolised *B_Glu_N* sample after each stage of template dissolution (* silicate).

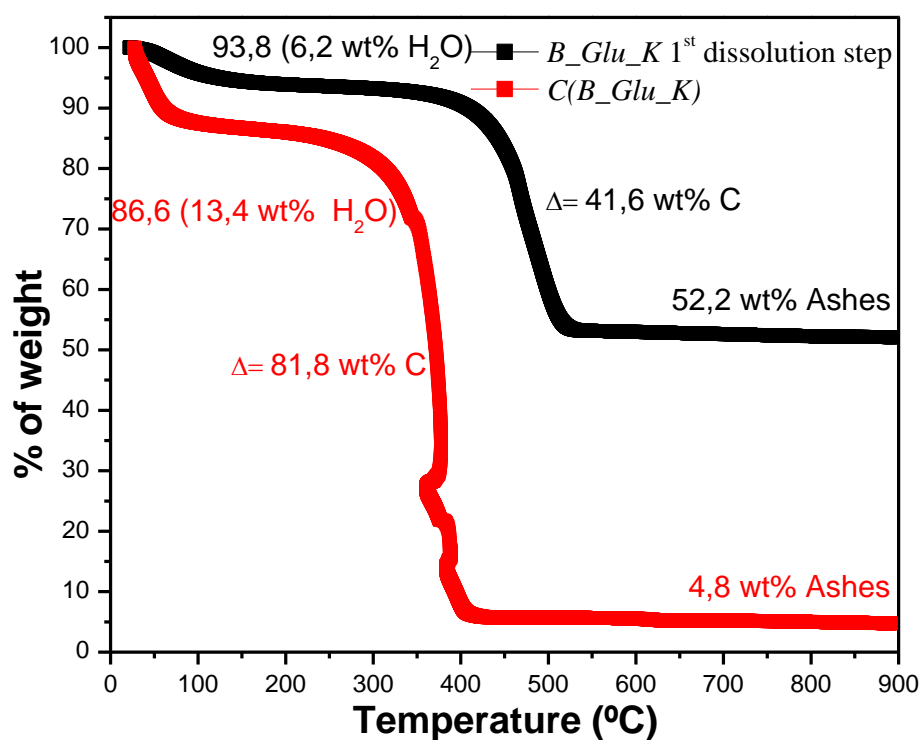


Figure S3. Thermal analysis for samples *B_Glu_K* (after the first template dissolution step) and *C(B_Glu_K)*.

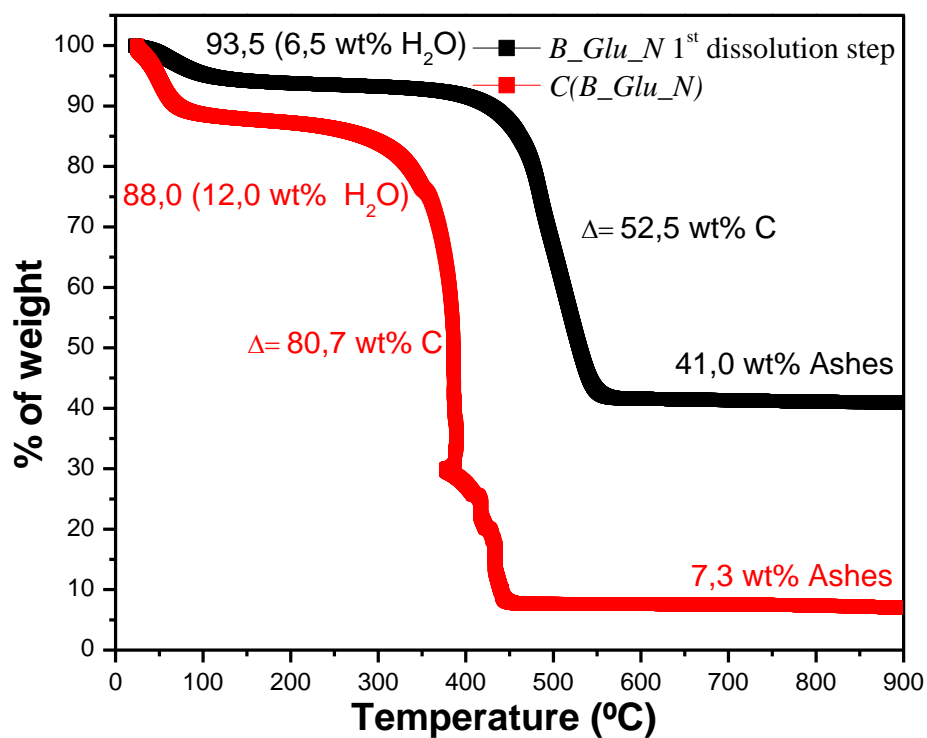


Figure S4. Thermal analysis for samples B_Glu_N (after the first template dissolution step) and $C(B_Glu_N)$.

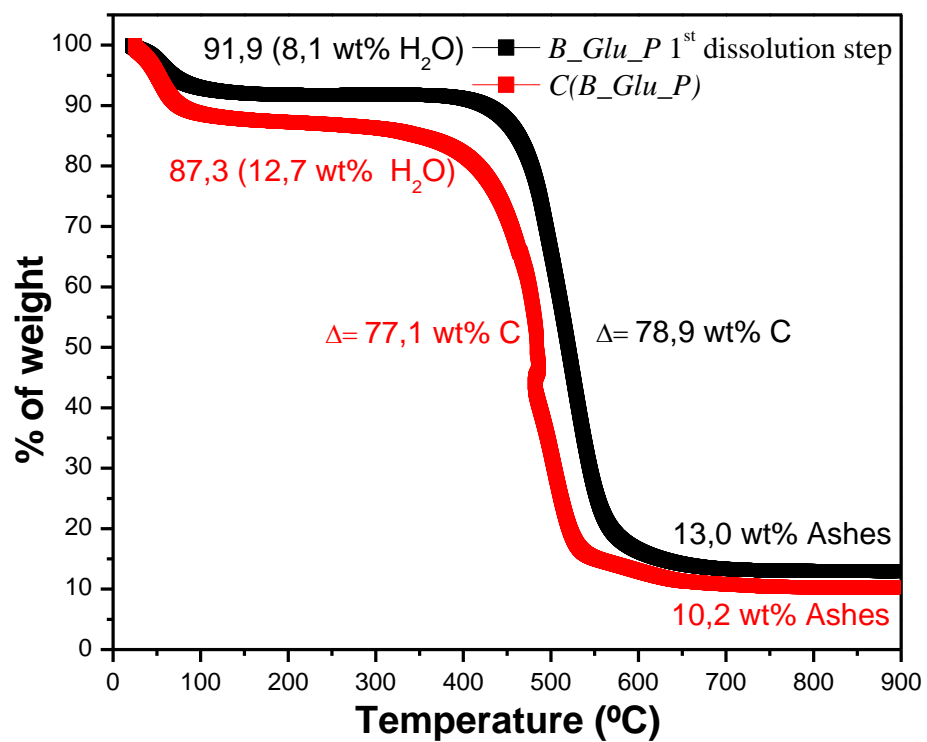


Figure S5. Thermal analysis for samples B_Glu_P (after the first template dissolution step) and $C(B_Glu_P)$.

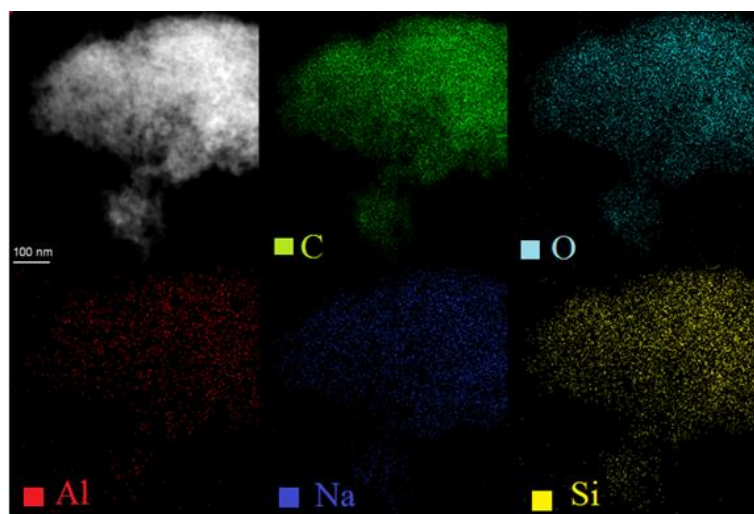


Figure S6 Mapping for $C(B_Glu)$.

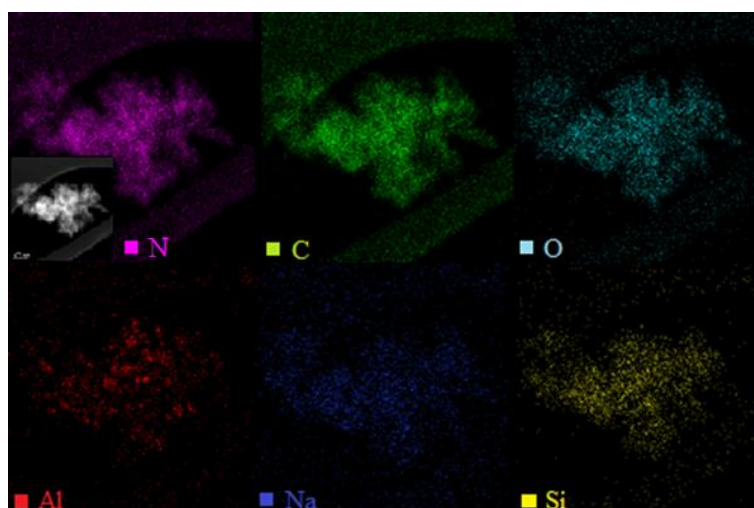


Figure S7 Mapping for $C(B_Glu_N)$.

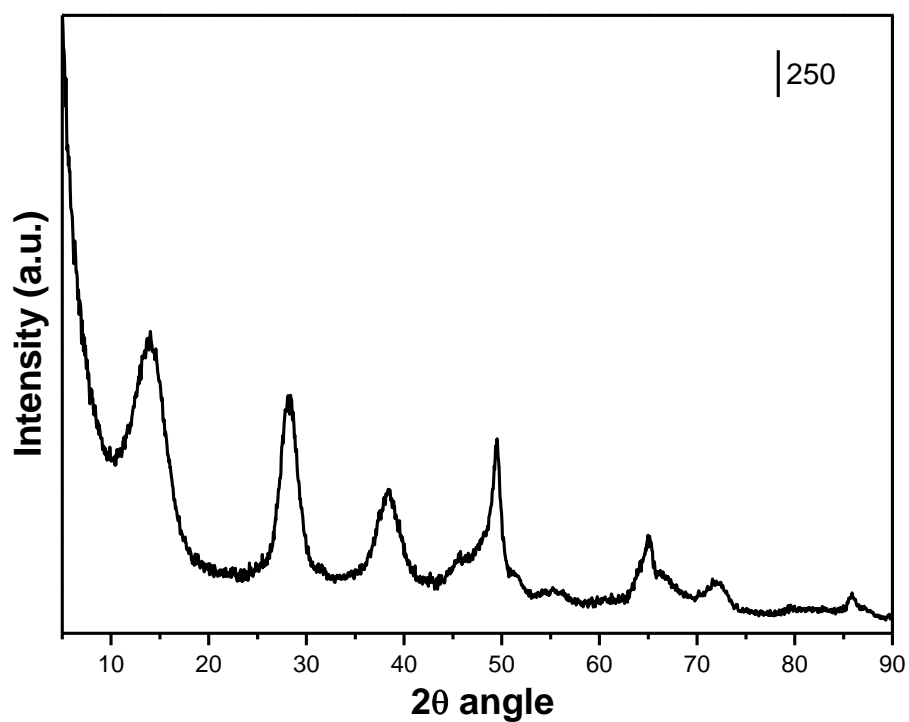


Figure S8. Diffractogram of the synthesised boehmite.

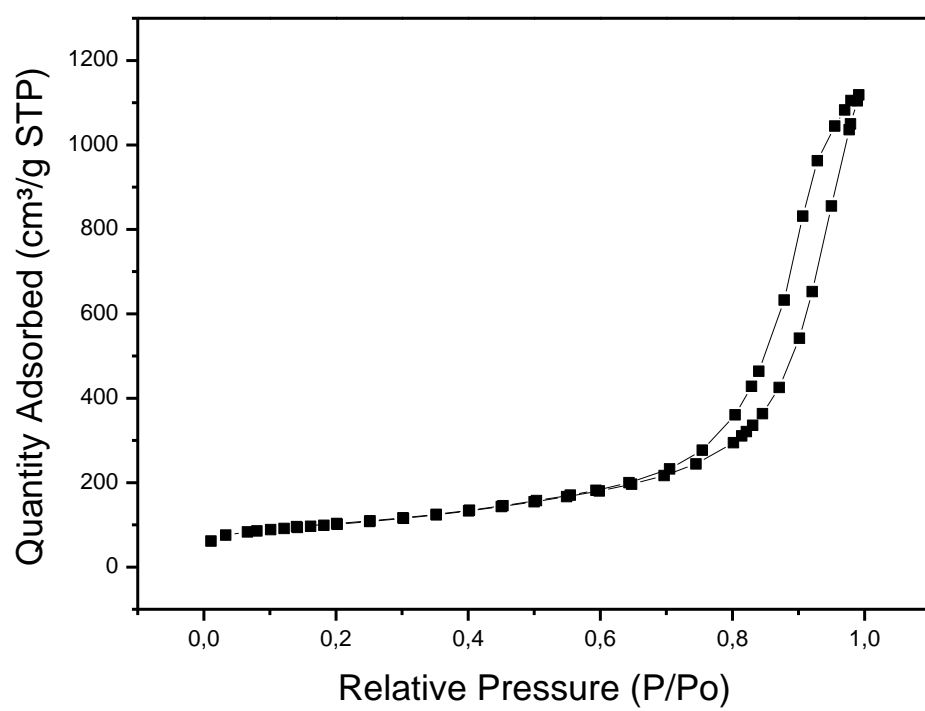


Figure S9. N₂ isotherms of the synthesised boehmite.