

Supplementary Information Presented with the Paper Entitled

Host(Beta Zeolite)-Guest (Copper(II)-Methyladenine complex) Nanomaterials: Synthesis and Characterization

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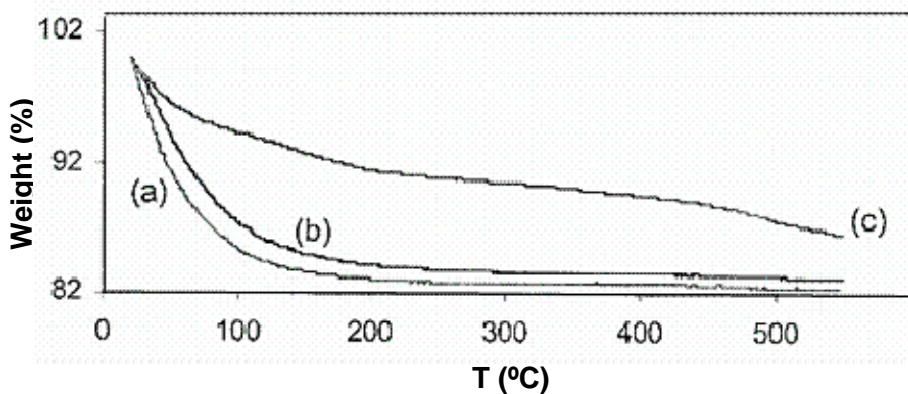


Figure S1. Dynamic thermogravimetric curves obtained for the samples (TGA): (a) NaBEA, (b) Cu-NaBEA and (c) CuL-NaBEA.

From the thermogravimetric results (Figure S1) the host NaBEA (curve a) shows a significant weight loss near 150 °C, which can be attributed to the removal of intra-zeolite water, similar to that usually observed to other zeolites. After immobilization of copper complex (curve c), two major stages of weight loss can be evidenced in a broad temperature range (*i.e.* 80-500 °C). The first stage occurs at 140 °C and is due to the contributions from the physisorbed water within the zeolite structure. For temperature near 480 °C, the weight loss is associated with progressive decomposition of the immobilized complex.