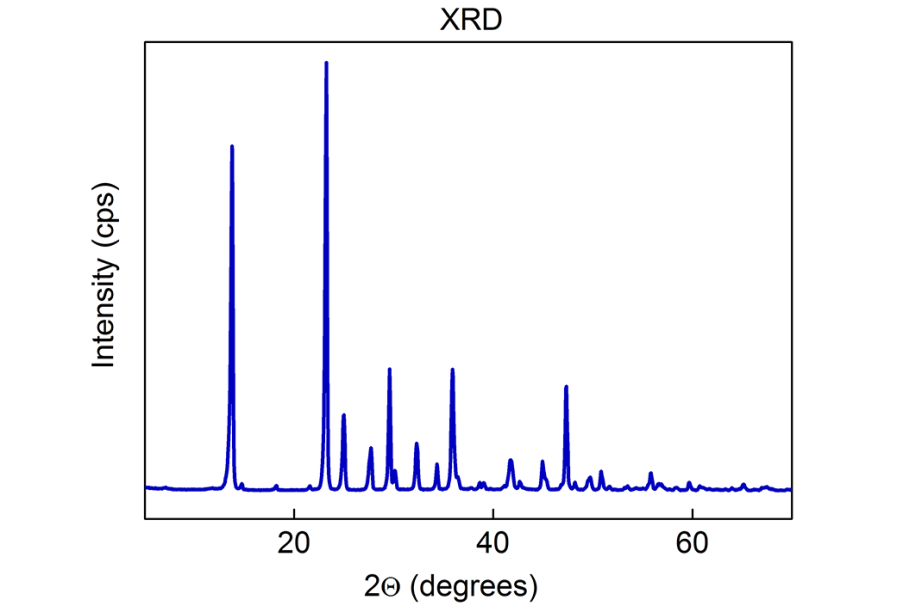
SUPPORTING FIGURE S1 for

A template-free, ultra-adsorbing, high surface area carbonate nanostructure

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**Figure S1.** X-ray pattern of the material obtained when water was deliberately added to the synthesis.All peaks in the pattern corresponds to nesquehonite, Mg(HCO3)(OH)·2H2O, (PDF# 00-020-0669). No signs of residual MgO can be detected in the pattern.