Supporting information

Synthesis, Characterization, and High Temperature CO₂ capture of New CaO based Hollow Sphere Sorbents

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Fig. S1 SEM image of cross-section of hollow spheres stacked on the silicon substrate prepared from T1 core-shell hydrogel template.
Fig. S2 porous CaO prepared from sulfonated PS spheres and CaCl$_2$·2H$_2$O without the presence of Al(O-i-Pr)$_3$
Fig. S3  (a) Ca EDS mapping image, (b) Al EDS mapping image of CaO/Ca₁₂Al₄O₃₃ hollow sphere sorbents, and (c) their corresponding EDS profile.