Supplementary Materials

Reactive CO_2 Capture and Mineralization of Magnesium Hydroxide to Produce Hydromagnesite with Inherent Solvent Regeneration

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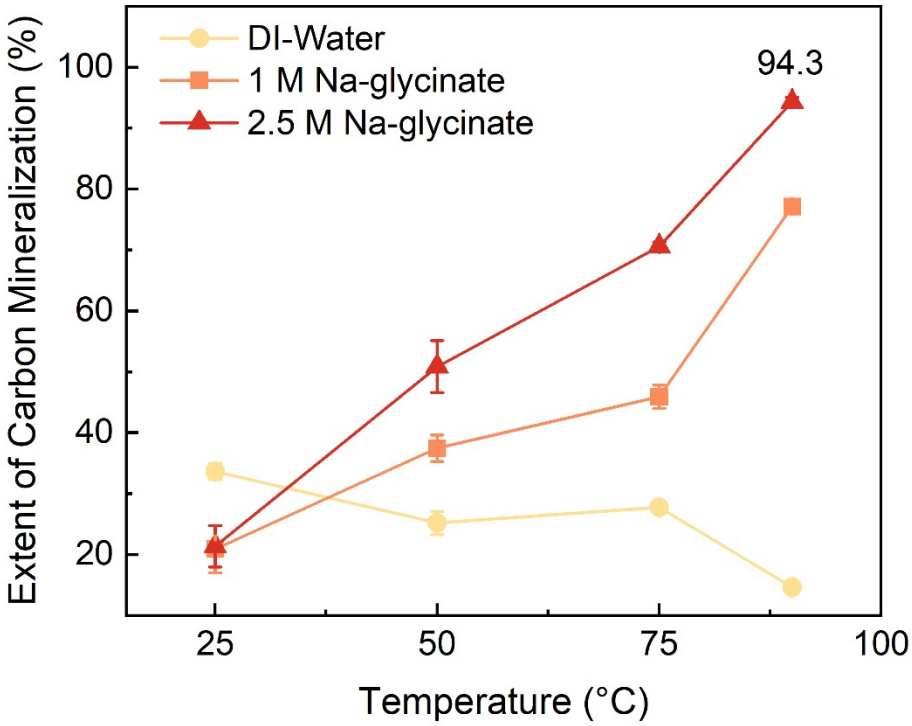

Figure S1. The normalized carbon mineralization extent of $Mg(OH)_2$ with pure CO_2 determined by Thermogravimetric Analysis (TGA).

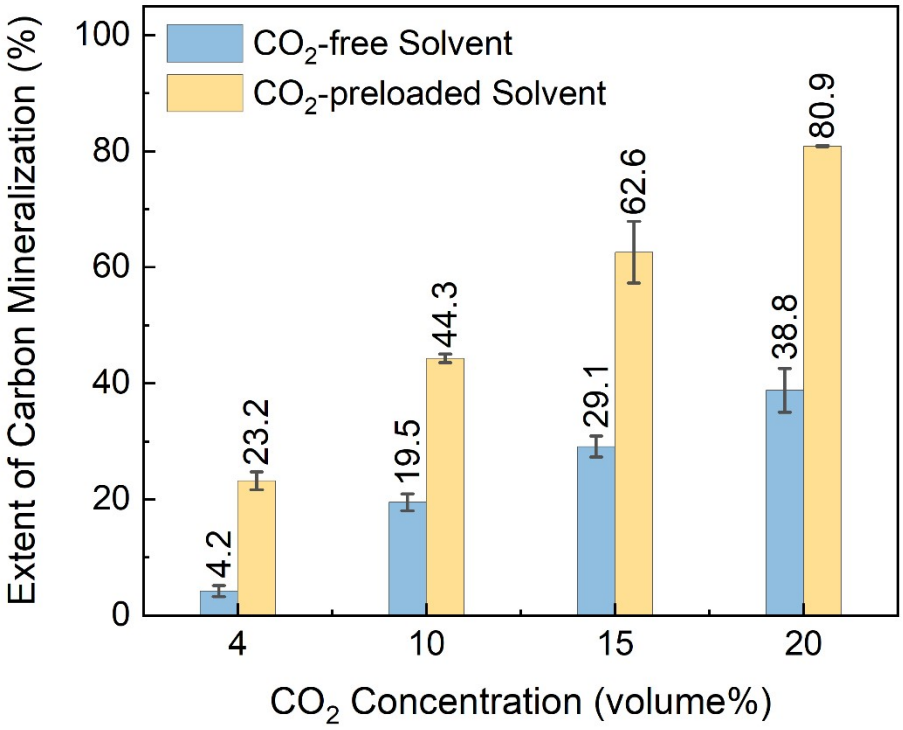

Figure S2. The normalized carbon mineralization extent of $Mg(OH)_2$ with binary flue gas determined by Thermogravimetric Analysis (TGA)

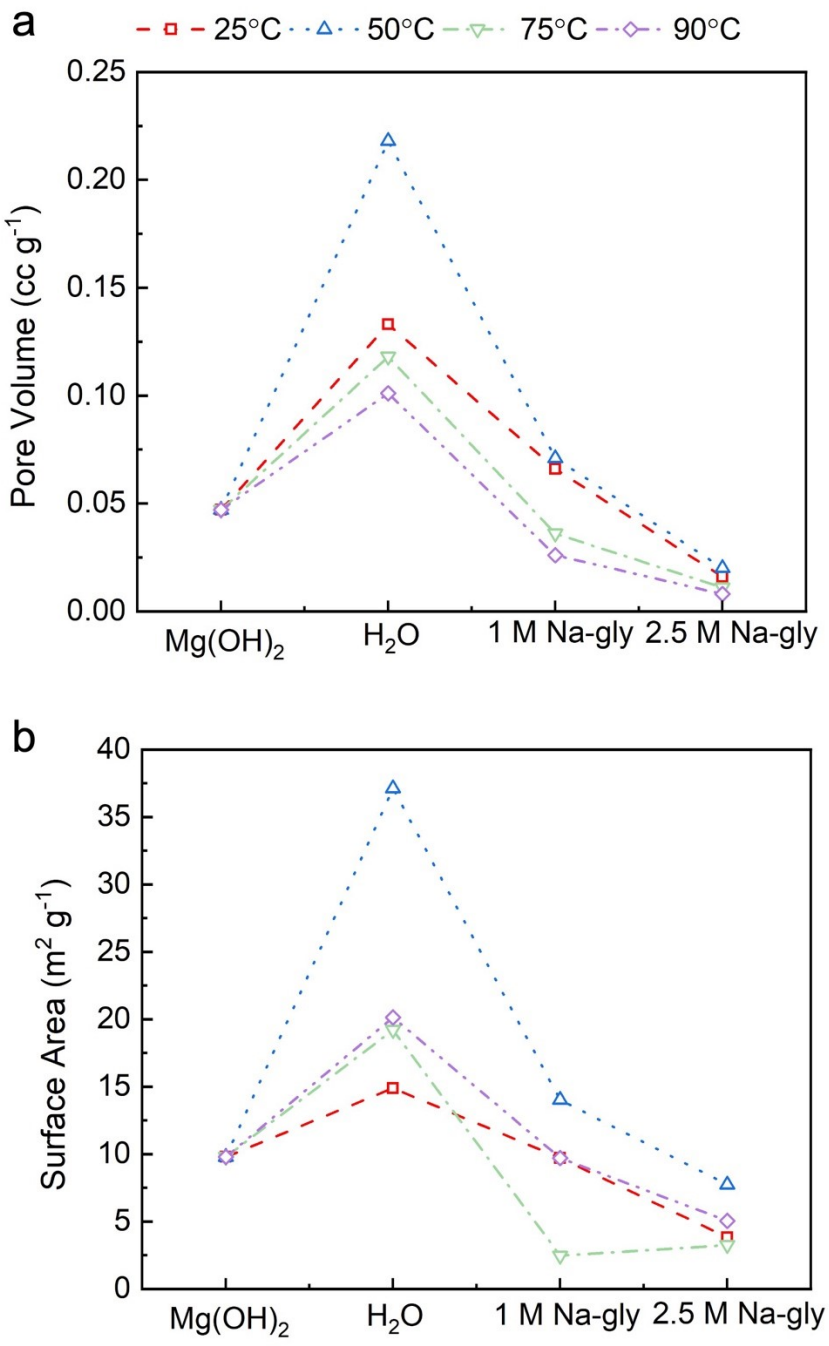

Figure S3. (a) Pore volume distributions and (b) surface area of the products obtained after carbon mineralization as determined using the N_2 adsorption - Barrett, Joyner, Halenda (BJH) method.