Supporting Information

Manipulation of Morphology, Particle Size of Barium Sulfate and the Interacting Mechanism of Methyl Glycine Diacetic Acid

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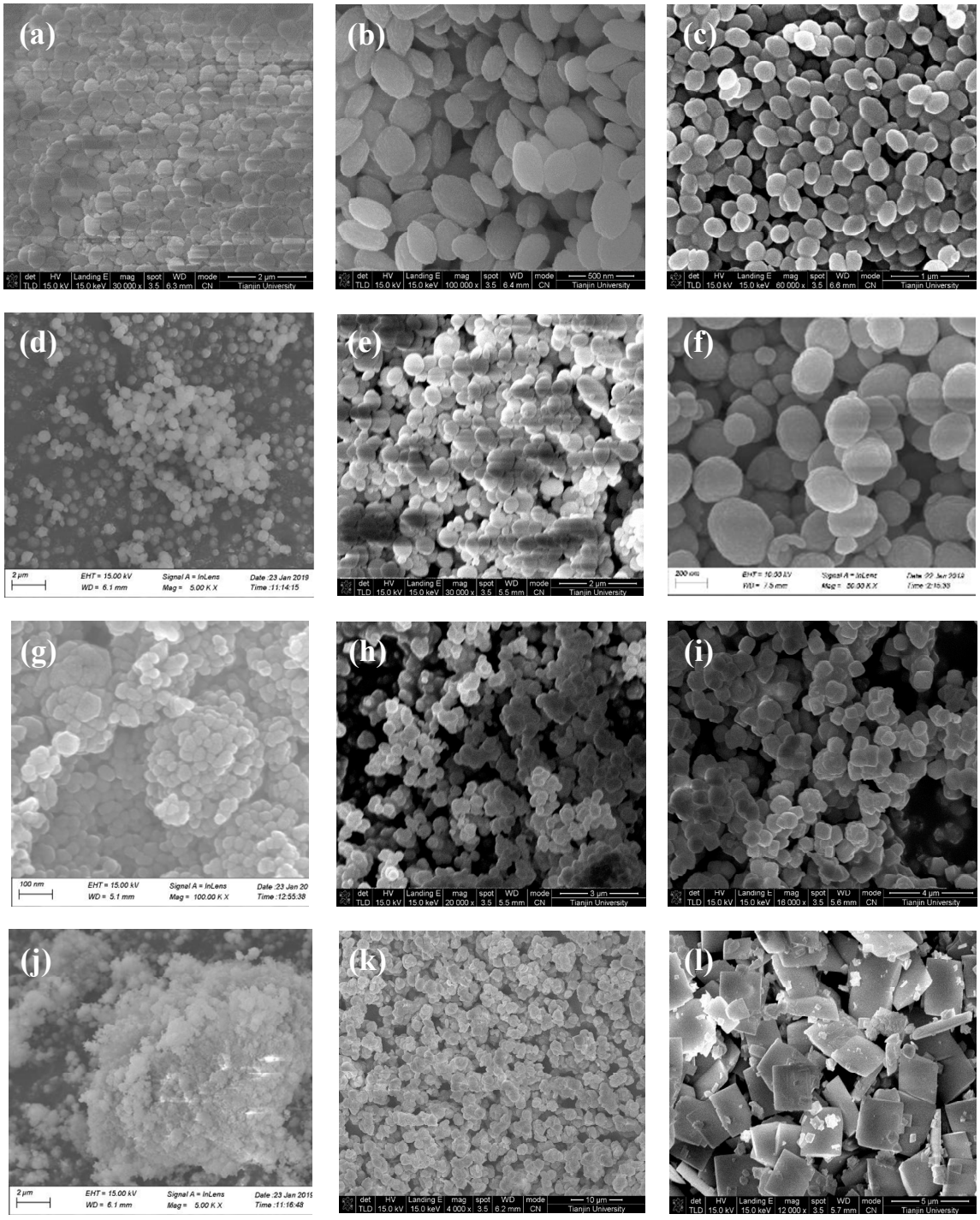

Figure S1. SEM of barium sulfate product obtained with different reactant concentrations at different pH values: (a) 0.1 M, natural pH(pH = 12.0); (b) 0.005 M, natural pH(pH =

10.9); (c) 0.001 M, natural pH(pH = 10.0); (d) 0.1 M, pH = 9.0; (e) 0.005 M, pH = 9.0; (f) 0.001M, pH = 9.0; (g) 0.1 M, pH = 7.0; (h) 0.005 M, pH = 7.0; (i) 0.001 M, pH = 7.0; (j) 0.1 M, pH = 3.0; (k) 0.005 M, pH = 3.0; (l) 0.001 M, pH = 3.0.

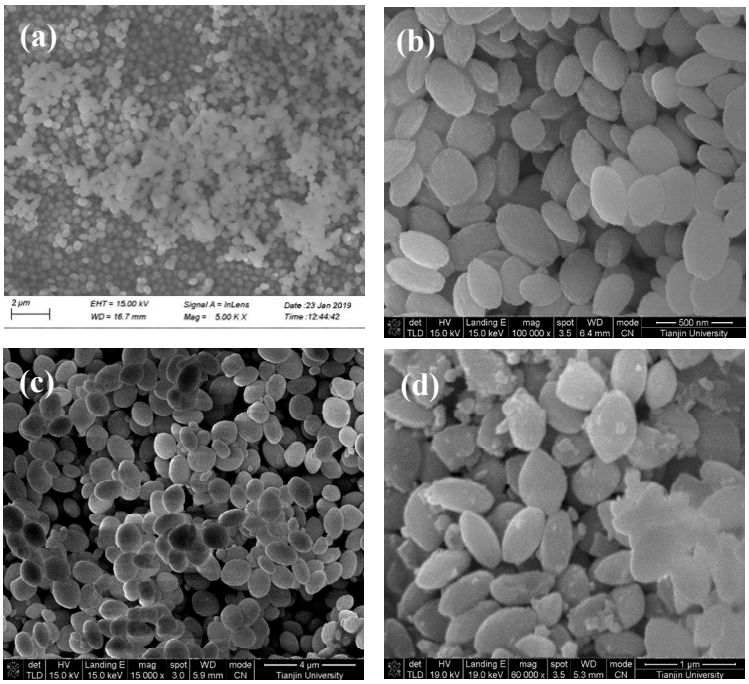

Figure S2. SEM of barium sulfate obtained at different reaction temperatures (reactant concentration 0.005 M): (a) 10 °C; (b) 25 °C; (c) 50 °C; (d) 80 °C.