Support Information for

Effect of Cu²⁺ on the Nucleation Kinetics and Crystallization of rod-

shaped CaSO₄·2H₂O in aqueous solution

Xiangbin Suna, Xianshun Wang^a, Genlei Zhang^{*, a, b, c}, Peng Cui^{*}, a, Hao Shen^c

^aSchool of Chemistry and Chemical Engineering, Anhui Province Key Laboratory of Controllable

Chemistry Reaction and Material Chemical Engineering, Hefei University of Technology, Tunxi

Road 193, Hefei 230009, PR China

^bSchool of Materials Science and Engineering, Hefei University of Technology, Tunxi Road 193,

Hefei 230009, PR China

^cAnhui Liuguo Chemical Co. Ltd, Tongling 244021, China.

* Corresponding Author

E-mail: genleizhang@hfut.edu.cn (Mr. Zhang).

cuipeng@hfut.edu.cn (Mr. Cui).

Number of pages: 3

Number of figures: 2

Note: The figures, tables and text in this Supporting Information document are presented in the order in which they are referenced in the main paper.

Supporting Figures



Fig.S1 (a) Average lengths and (b) average widths of the DH crystals prepared at

different Cu²⁺ concentrations solutions.



Fig.S2 XRD patterns of $CaSO_4 \cdot 2H_2O$ crystals prepared at different Cu^{2+}

concentrations solutions.