minerals

MDPI

Supplementary Materials

Mechanism of Biomineralization Induced by *Bacillus subtilis* J2 and Characteristics of the Biominerals

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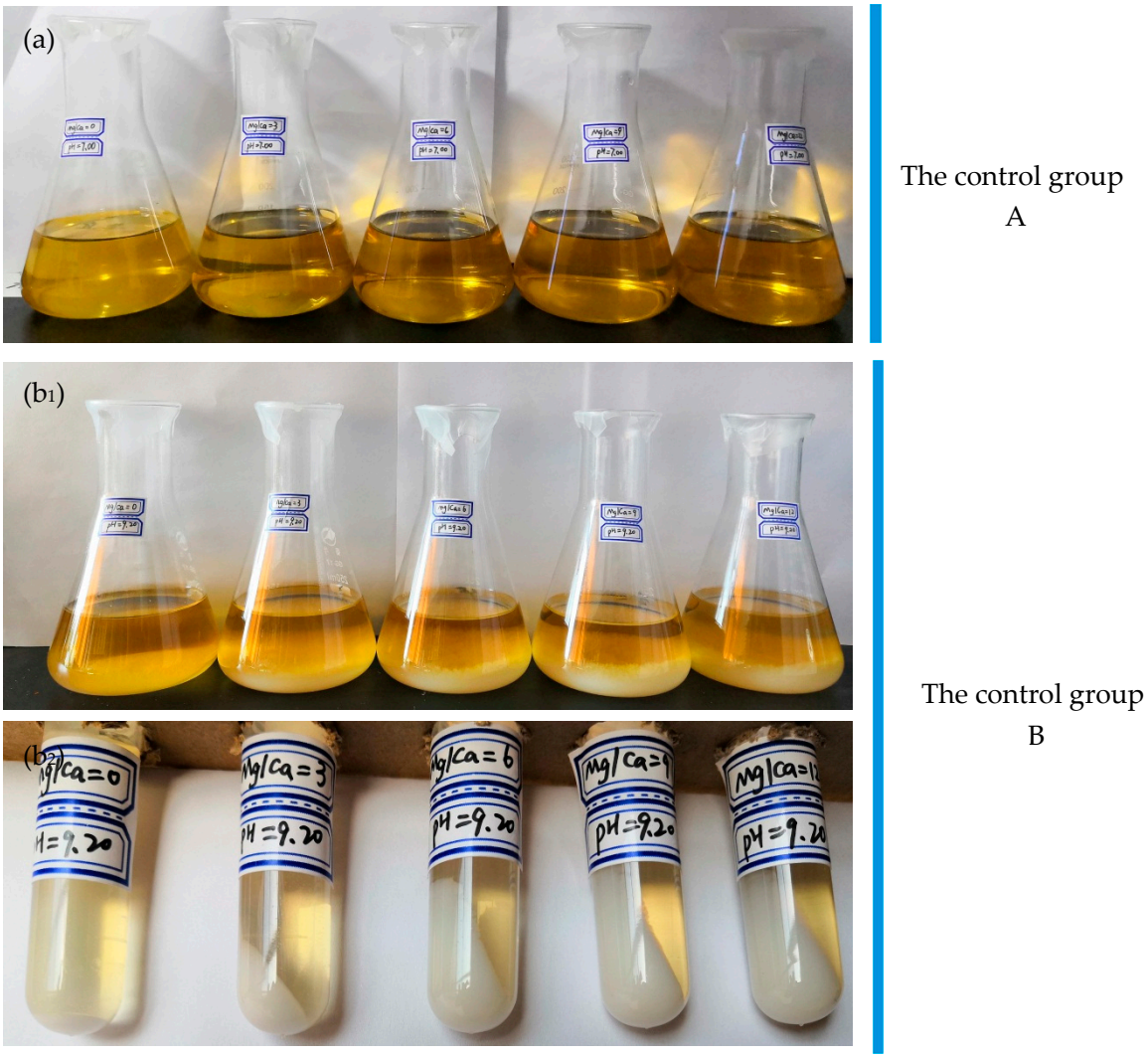

Figure S1. Images of the control groups A and B. (**a**) The image of control group A, pH was 7.00, and Mg/Ca ratio from left to right was 0,3,6,9, and 12, respectively. (**b**$_1$) The image of control group B, pH was 9.20, and Mg/Ca ratio from left to right was 0,3,6,9, and 12, respectively. (**b**$_2$) The image of control group B after centrifugation, pH was 9.20, and Mg/Ca ratio from left to right was 0,3,6,9, and 12, respectively.

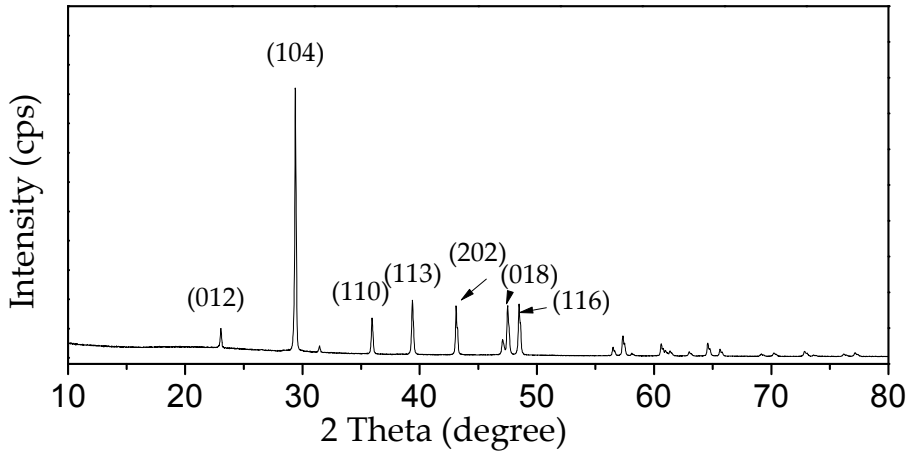

Figure S2. XRD analysis of the precipitates in the control groups B at pH 9.20 and Mg/Ca ratio of 0.

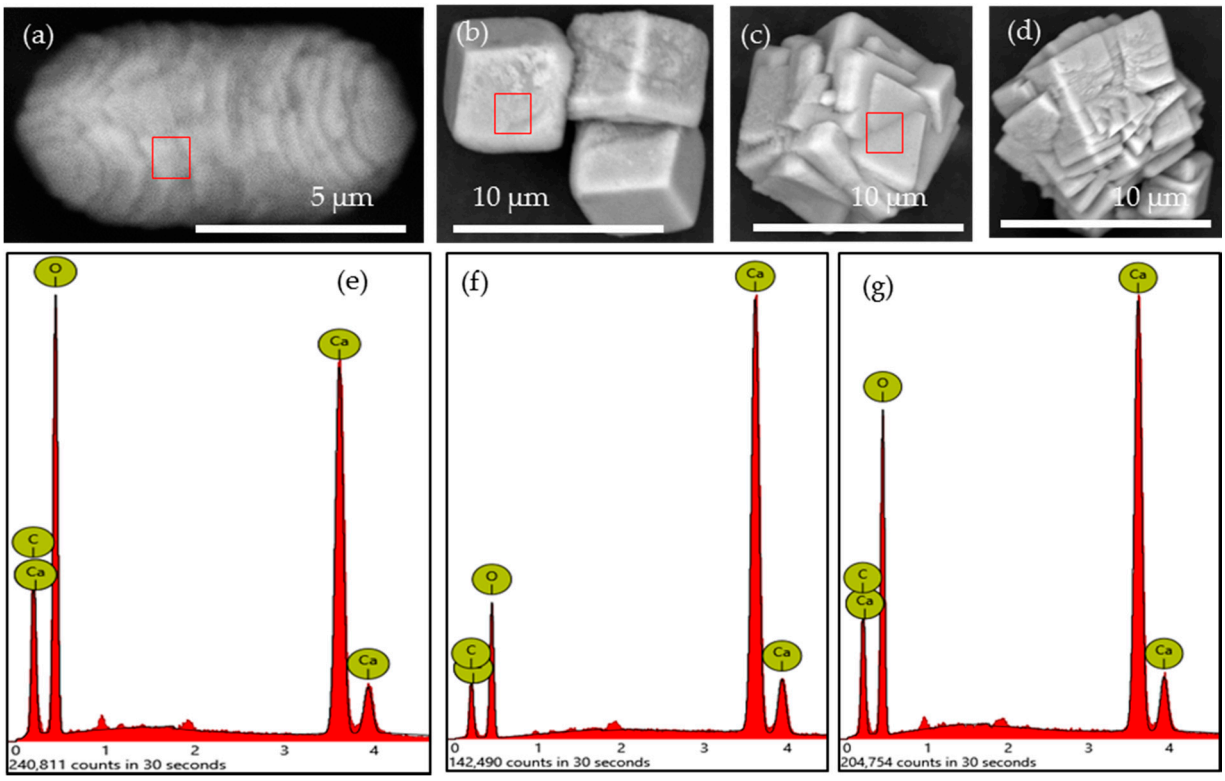

Figure S3. SEM (**a**, **b**, **c**, and **d**) and EDS (**e**, **f**, and **g**) images of the precipitates in the control groups B at pH 9.20 and Mg/Ca ratio of 0. The elemental analysis of the area marked by the red square in figure a, b, and c was shown in e, f, and g, respectively.