Electronic Supplementary Material (ESI) for RSC Advances.

ELECTRONIC SUPPILMENTRARY INFORMATION

DIRECTIONAL GROWTH OF OCTACALCIUM PHOSPHATE USING MICRO-FLOW REACTOR MIXING AND SUBSEQUENT AGING

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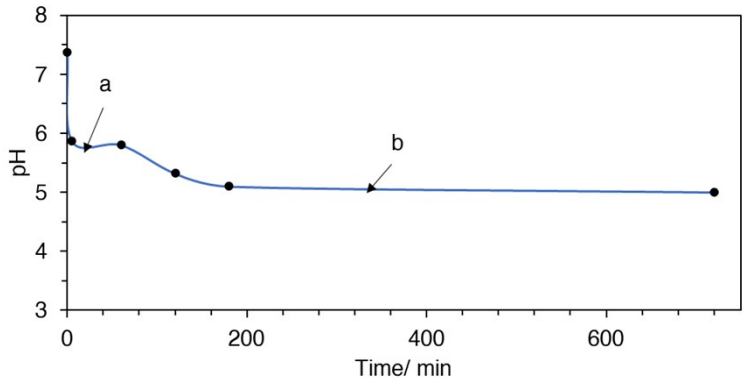

Figure S1. Change of pH during the aging at 50°C starting from the solutions with the initial concentration of $Ca(CH_3COO)_2 \cdot H_2O$ and NaH_2PO_4 0.04 M

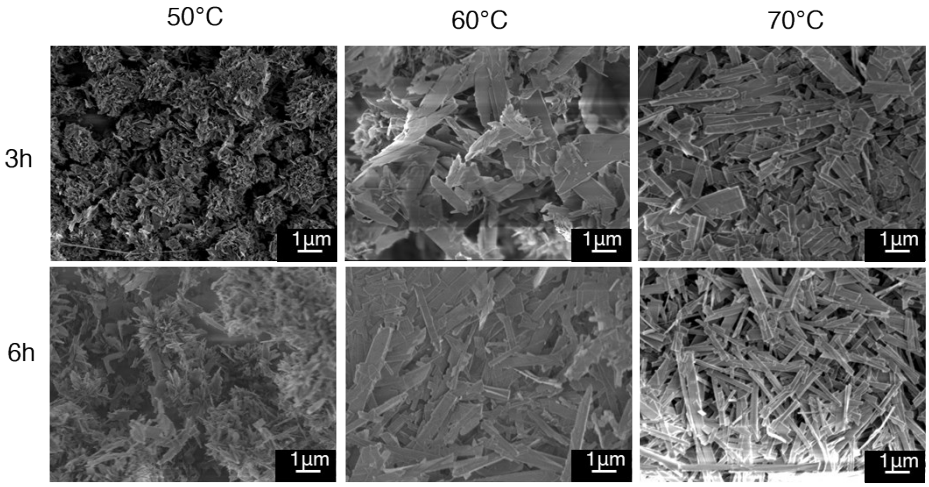

Figure S2 SEM images of the samples from batch preparation at different temperatures and aging times using the calcium acetate solution and sodium phosphate (0.04 M) monobasic solution (0.03M), respectively.

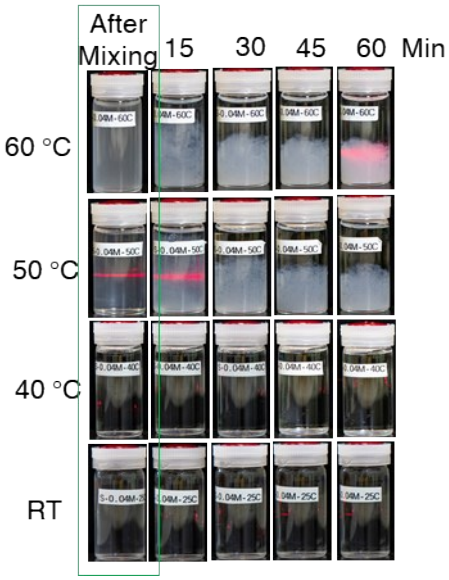

Figure S3 the photographs of the suspension obtained after the mixing and subsequent aging at the designated temperatures at starting calcium concentration of 0.04M and phosphate solution of 0.03M

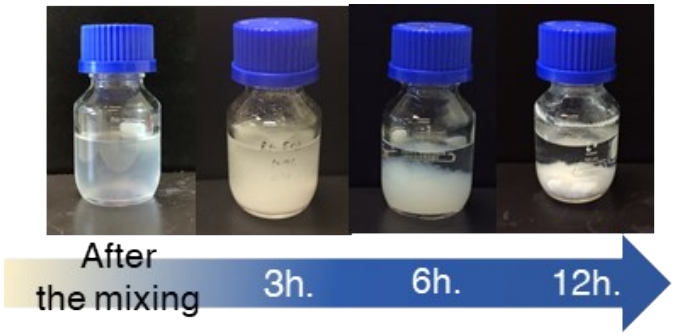

Figure S4 the appearances of the suspension at different aging times.

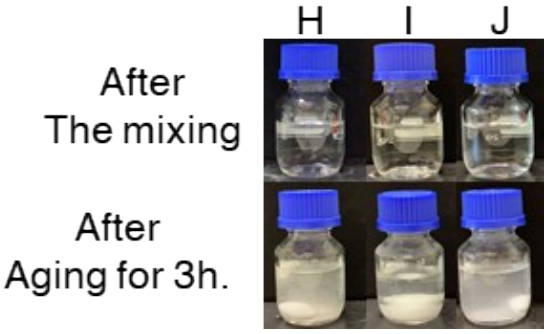

Figure S5 the photographs of the suspension obtained after the mixing and subsequent aging for 3 h at the designated temperatures.