

Electronic Supplementary Information

Preparation of highly ordered mesoporous ethanesilica under weakly acidic conditions and its hydrothermal stability

Eunji Choi,^a Eun-Bum Cho^{*a} and Mietek Jaroniec^{*b}

^aDepartment of Fine Chemistry, Seoul National University of Science and Technology, Seoul 01811, Korea.

^bDepartment of Chemistry and Biochemistry, Kent State University, Kent, Ohio 44242, United States.

E.-B. Cho (E-mail: echo@seoultech.ac.kr, Tel: +82-2-970-6729)

M. Jaroniec (E-mail: jaroniec@kent.edu, Tel: +1-330-672-3790)

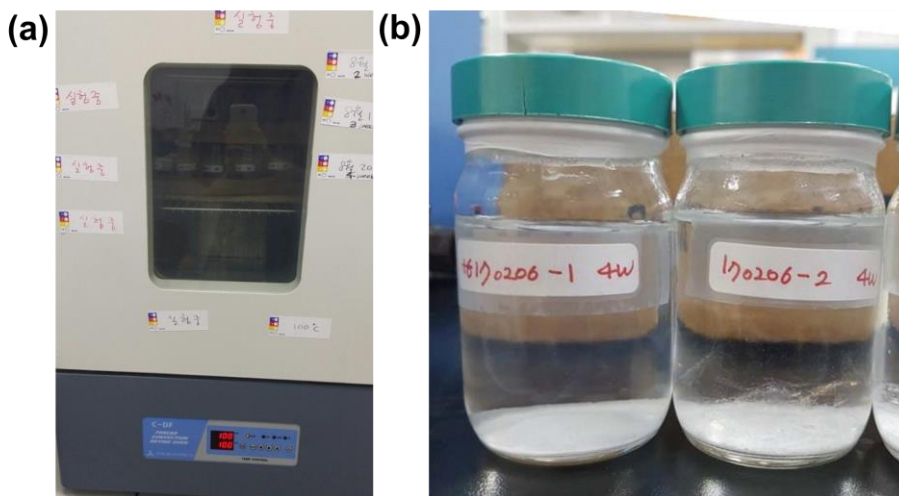


Fig. S1 Experimental set-up: Forced convection oven for hydrothermal treatment (a) and closed vessels after 4-week treatment (b).

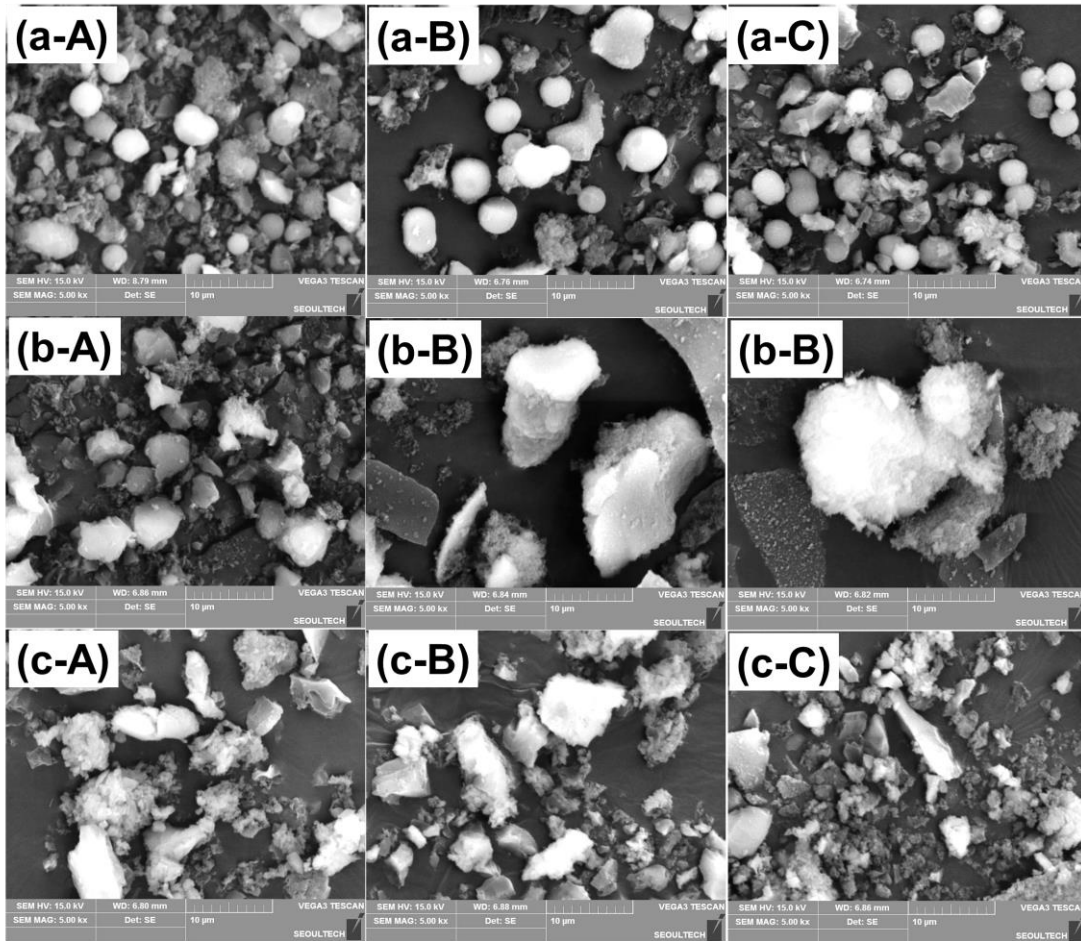


Fig. S2 SEM images for ES-H (a), ES-HI (b) and ES-I (c) samples, respectively. Image A's are for untreated samples and B and C refer to images after hydrothermal treatment for 1 and 4 weeks, respectively. Magnification is 5,000 times for all samples.