Supporting Information

An eco-friendly route for template-free synthesis of high specific surface area mesoporous CeO_2 powders and their adsorption for acid orange 7

Yaohui Xu,[a] Ruixing Li*[b] and Yang Zhou*[c]

[a] *School of Physics and Electronic Engineering, Laboratory for Functional Materials, Leshan Normal University, Leshan, Sichuan 614004, China*

[b] *Key Laboratory of Aerospace Materials and Performance (Ministry of Education), School of Materials Science and Engineering, Beihang University, Beijing 100191, China*

[c] *School of Textile Science and Engineering, National Engineering Laboratory for Advanced Yarn and Clean Production, Wuhan Textile University, Wuhan, 430200, China*

Corresponding author:
Ruixing Li, Ph.D.,
Professor

School of Materials Science and Engineering, Beihang University,
(formerly *Beijing University of Aeronautics and Astronautics)*
Xueyuanlu No.37, School of materials science and engineering, Beijing 100191, China
TEL / FAX: 86-10-8231-6500
E-mail: ruixingli@yahoo.com

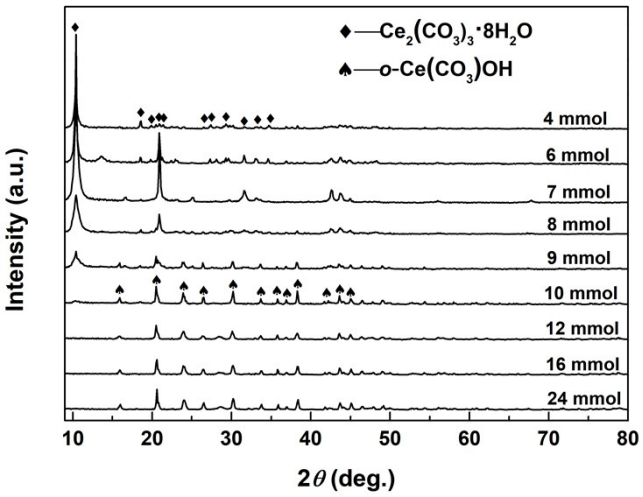

Fig. S1 XRD spectra of the precursor obtained after adding different amounts of $(NH_4)_2CO_3$ to Ce^{3+} aqueous solution.