

Electronic Supplementary Information

“Grafting of dodecylsulfate groups on hydroxocation nanosheets for self-construction of lamellar structure”

Byung-Il Lee, Su-Yeon Lee and Song-Ho Byeon*

*Department of Applied Chemistry, College of Applied Science, Kyung Hee University,
Gyeonggi 446-701, Korea.*

e-mail: shbyun@khu.ac.kr (S.-H. B.)

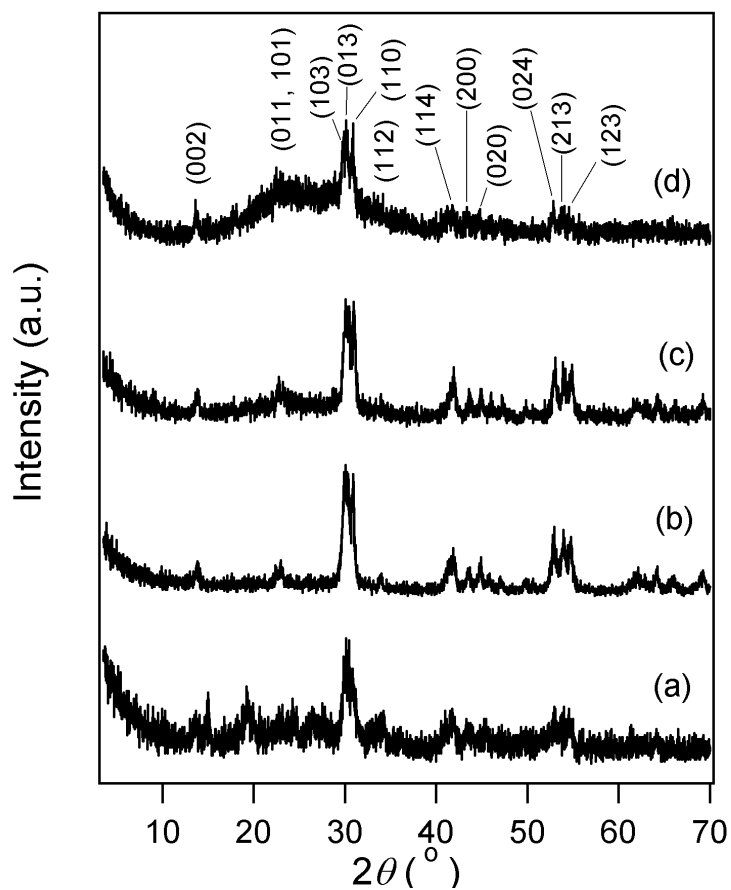


Fig. S1. Powder X-ray diffraction patterns of DS-LGdH(ex)s prepared at pH = (a) 6.0, (b) 7.0, (c) 8.0 and (d) 10.0 after heated at 700 °C, respectively. The (hkl) indexations were based on the structure of $\text{Gd}_2\text{O}_2\text{SO}_4$.

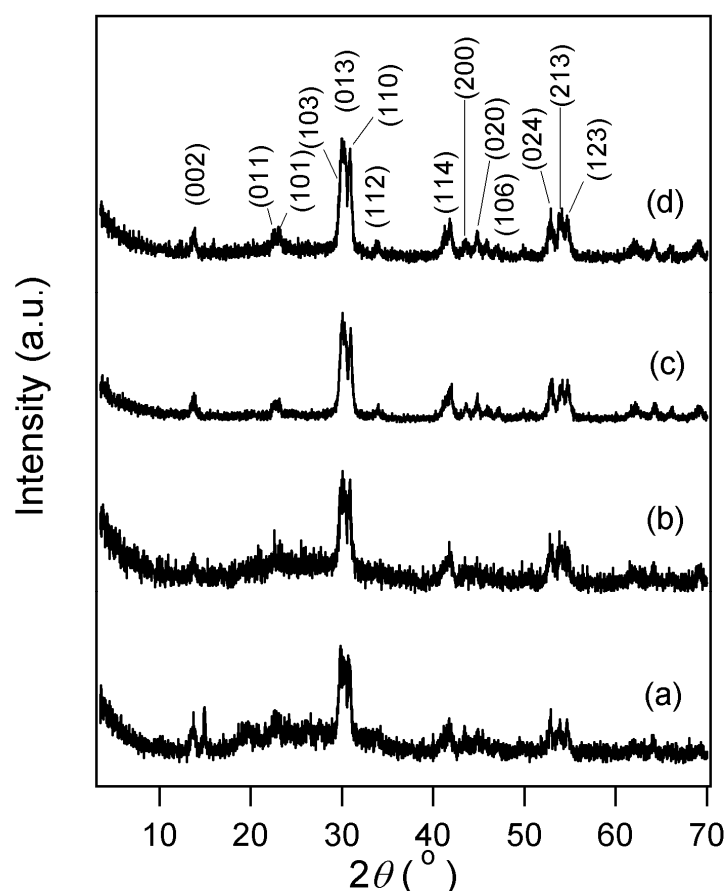


Fig. S2. Powder X-ray diffraction patterns of DS-LGdH(ds)s prepared at pH = (a) 6.0, (b) 7.0, (c) 8.0 and (d) 10.0 after heated at 700 °C, respectively. The (hkl) indexations were based on the structure of $\text{Gd}_2\text{O}_2\text{SO}_4$.