**Supplementary Materials**



**Fig. S1**– X-ray diffraction patterns of samples obtained by the precipitation method.

**Fig. S2**– X-ray diffraction patterns of samples obtained by hydrothermal treatment at 160°C for 9 hours.



**Fig. S3**– X-ray diffraction patterns of samples obtained by hydrothermal treatment at 160°C for 9 days.



**Fig. S4**– X-ray diffraction patterns of samples obtained by hydrothermal treatment at 160°C for 28 days.