

Figure captions:

Figure S1. X-ray diffraction pattern of the as-prepared products.

Figure S2. Raman spectrum of the as-prepared products at the range from 200 cm^{-1} to 1000 cm^{-1} .

Figure S3. FT-IR spectrum of the as-prepared products.

Figure S4. Raman spectrum of the as-prepared products at the range from 1000 cm^{-1} to 1800 cm^{-1} .







