

### Preparation of Hollow Anatase TiO<sub>2</sub> Nanospheres via Ostwald Ripening

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**EDX result:** A representative EDX spectrum of the anatase TiO<sub>2</sub> nanospheres is presented below. Carbon single is generated from carbon tape used in the measurement. Synthetic conditions: 30 mL of TiF<sub>4</sub> solution (1.33 mM) at 180 °C for 10 h. Samples synthesized with an addition of thiourea give essentially the same EDX spectra (not shown); no sulfur is detected.

