

Monodisperse Upconverting Nanocrystals by Microwave-Assisted**Synthesis** [*ACS Nano* 2009, 3, 3804–3808]. Hai-Qiao Wang and Thomas Nann*

The concentrations in the Methods section of the original paper were too high. The synthesis in the Methods section should read as follows:

Synthesis of NaYF₄ Nanocrystals. Upconverting nanocrystals were prepared using the following procedure: 3.85 mg of Na-TFA, 8.9 mg of Y-TFA, 2.1 mg of Yb-TFA, and 0.2 mg of Er-TFA were dissolved in 6 mL of a 1:1 mixture of OA and ODE. The reaction mixture was placed in a Schlenk flask, stirred, and heated to 120 °C. The mixture was repeatedly degassed and purged with nitrogen, until all of the reagents were dissolved in the solvent. The solution was then transferred into the reacting vessel of a Discover LabMate microwave reactor (CEM, USA), and the reaction mixture was heated to 290 °C for 5 min by 300 W of microwave irradiation. The upconversion nanocrystals were collected by addition of excess absolute ethanol and centrifugation when the reaction mixture was cooled to room temperature. The upconversion nanocrystals thus obtained were finally dissolved in chloroform or toluene for further experiments.

We apologize for this mistake.

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