

Correction to “Effect of Different Surfactants on the Size Control and Optical Properties of $\text{Y}_2\text{O}_3\text{:Eu}^{3+}$ Nanoparticles Prepared by Coprecipitation Method”

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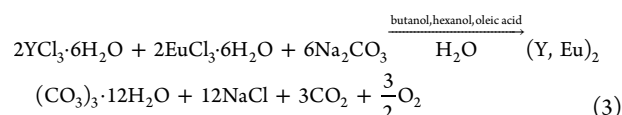
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In our above publication, the following corrections are to be made:

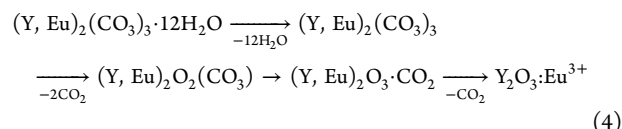
On page 13601, second paragraph (below eq 2), instead of “the chloride precursors were prepared by addition of 65.0 mL of HCl (37%, 1 M) with 10.24 mmol of Y_2O_3 and 3.87 mmol of Eu_2O_3 , respectively”, the sentence should be read as “the chloride precursors were prepared by addition of 65.0 mL of 1 M HCl solution (the 1 M HCl solution was prepared using commercial HCl of 37% w/w of density 1.2 g/mL)”.

On page 13601, third paragraph, the sentence “In a typical coprecipitation synthesis, 95.0 mmol of $\text{YCl}_3\cdot 6\text{H}_2\text{O}$ (0.725 g) and 5.0 mmol of $\text{EuCl}_3\cdot 6\text{H}_2\text{O}$ (0.05 g) were mixed in 50.0 mL of DI water and 1.0 mL of surfactant under vigorous magnetic stirring for 2 h” should be read as, “In a typical coprecipitation synthesis, we used 25 mL of water as solvent, where 0.725 g of $\text{YCl}_3\cdot 6\text{H}_2\text{O}$ and 0.5 g of $\text{EuCl}_3\cdot 6\text{H}_2\text{O}$ were mixed to keep their concentrations in the reaction mixture at 95.5 and 5.45 mM, respectively”.

On page 13601, eqs 3 and 4 should be read as



At 800 °C calcination, formation of $\text{Y}_2\text{O}_3\text{:Eu}^{3+}$ takes place in a stepwise manner



On page 13601, synthesis section, second paragraph, seventh line, the sentence, “The precipitation of the complex oxalate from the solution was carried out by dropwise addition of an aqueous Na_2CO_3 solution (0.3×10^{-3} M) maintaining the final pH at 7.0” should be read as “The precipitation of the carbonate complex from the solution was carried out by dropwise addition of an aqueous Na_2CO_3 solution (0.3×10^{-3} M) maintaining the final pH at 7.0”.

On page 13604, results and discussion section, third paragraph, eighth line, the sentence “The addition of Na_2CO_3 as a precipitating agent results in the formation of the complex structure $\text{Y}_2\text{C}_2\text{O}_4\text{:Eu}_2\text{C}_2\text{O}_4$ ” should be read as, “The addition of Na_2CO_3 as a precipitating agent results in the formation of the complex carbonate structure”.

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