

Supplementary Materials: Nano-Crystalline $\text{Li}_{1.2}\text{Mn}_{0.6}\text{Ni}_{0.2}\text{O}_2$ Prepared via Amorphous Complex Precursor and Its Electrochemical Performances as Cathode Material for Lithium-Ion Batteries

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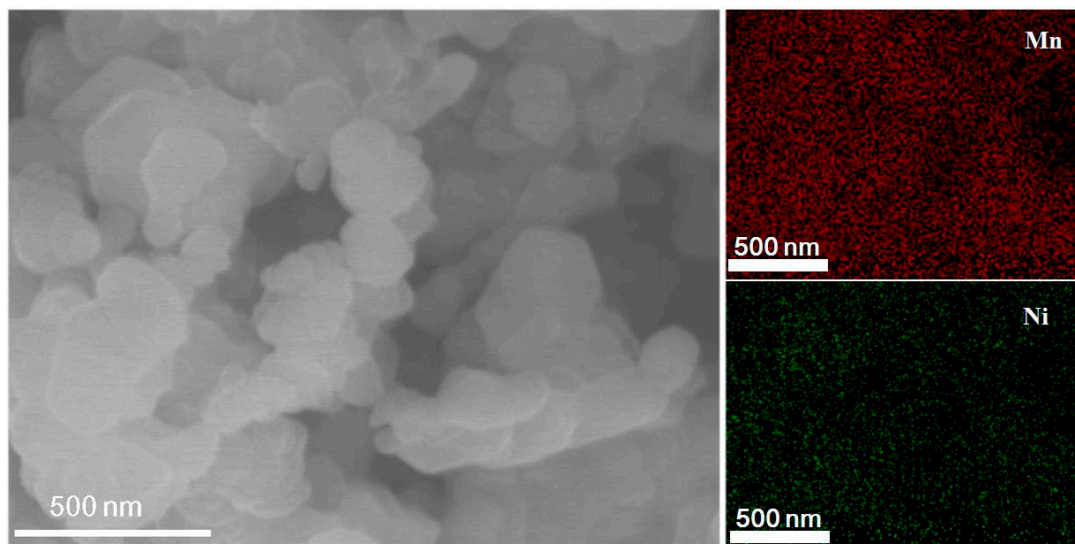


Figure S1. SEM photograph and EDS mapping spectra of $\text{Li}_{1.2}\text{Mn}_{0.6}\text{Ni}_{0.2}\text{O}_2$ particles sintered at 850 °C for 10 h.

Figure S1 shows the energy-dispersive X-ray spectroscopy (EDS) mapping analysis of the $\text{Li}_{1.2}\text{Mn}_{0.6}\text{Ni}_{0.2}\text{O}_2$ sample sintered at 850 °C for 10 h. EDS mapping verifies the uniform Mn/Ni cation distribution in the final product. The spectra illustrate that Mn/Ni cations are uniformly distributed in the final product.