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Introducing an Efficient and Eco-Friendly Spray-Drying Process for the Synthesis of NCM Precursor for Lithium-ion Batteries

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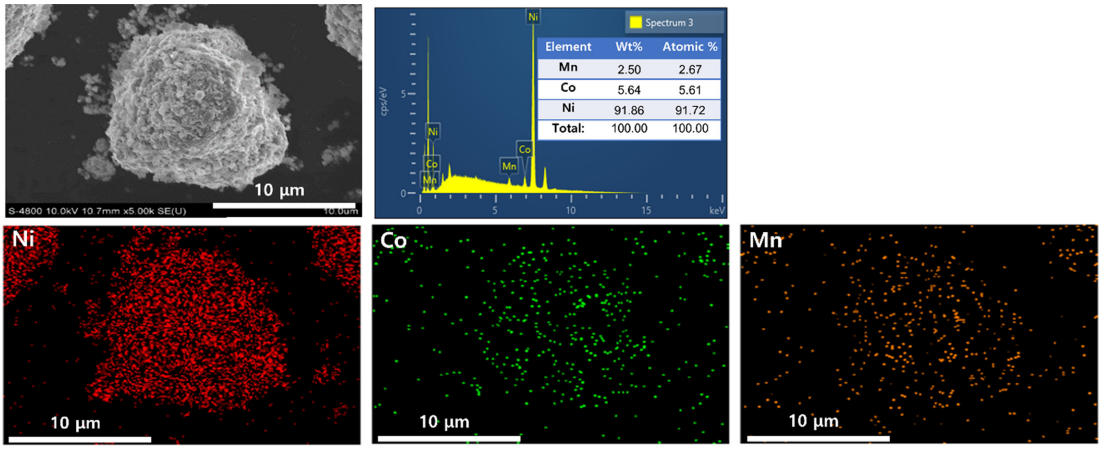

Fig. S1. SEM image and EDS mapping of $LiNi_{0.91}Co_{0.06}Mn_{0.03}O_2$.

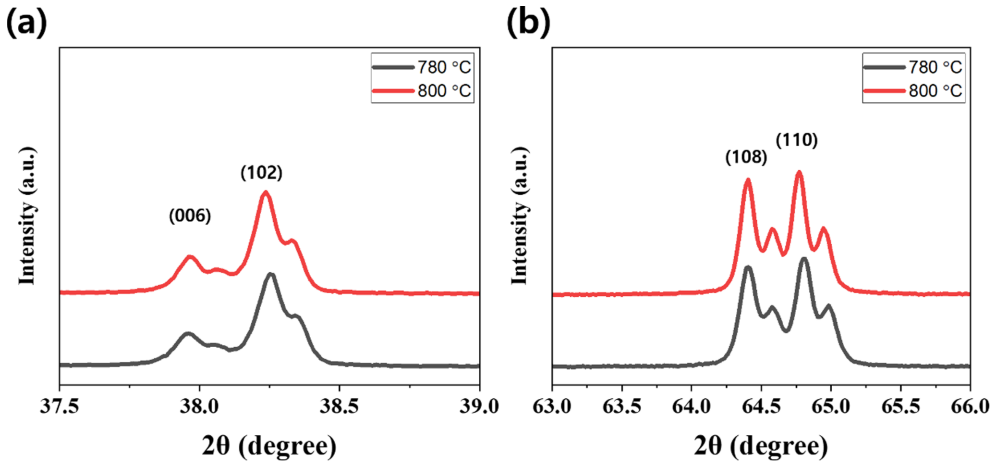

Fig. S2. Magnified view of (a) (006)/(102) and (b) (108)/(110) diffraction peaks.

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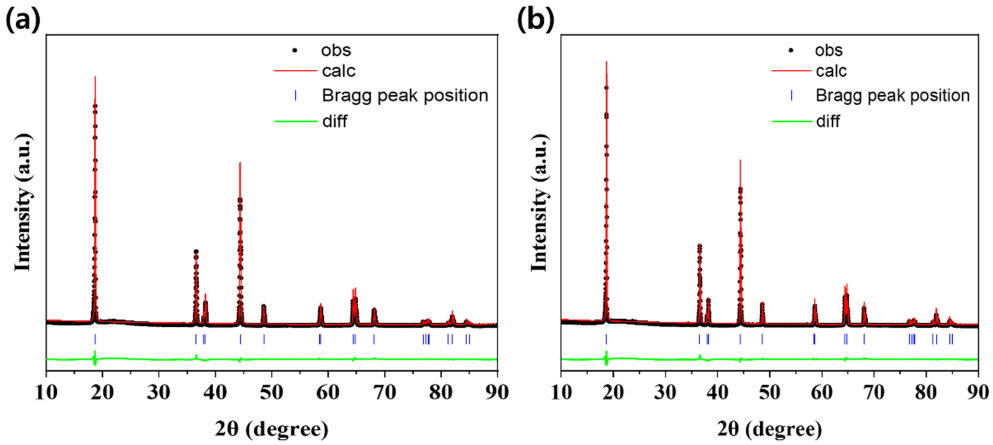

Fig. S3. Rietveld refinement results of NCM sintered at (a) 780 and (b) 800°C.

Table S1. Structural and lattice parameters of NCM sintering temperature at 780 and 800°C

	a (Å)	c (Å)	V (Å^3)	c/a	$I_{(003)}/I_{(104)}$
780°C	2.8779	14.1925	101.8047	4.9315	1.55
800°C	2.8737	14.1880	101.4742	4.9372	1.59