

## Supplementary Information

### **Li<sub>1.2</sub>Mn<sub>0.54</sub>Ni<sub>0.13</sub>Co<sub>0.13</sub>O<sub>2</sub> nanosheets with porous structure as high-performance cathode material for lithium-ion batteries**

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Table S1 The Rietveld refinement data obtained from XRD.

Samples	Lattice Constants							R <sub>p</sub> /%	R <sub>wp</sub> /%	χ <sup>2</sup>	I <sub>(003)</sub> /I <sub>(104)</sub>
	a/Å	c/Å	c/a ratio	V/ Å <sup>3</sup>	α	β	γ				
Nanosheets	2.852	14.166	4.967	99.785	90°	90°	120°	6.82	8.80	1.31	1.345
Nanoparticles	2.855	14.135	4.951	99.776	90°	90°	120°	6.16	7.93	1.22	1.296