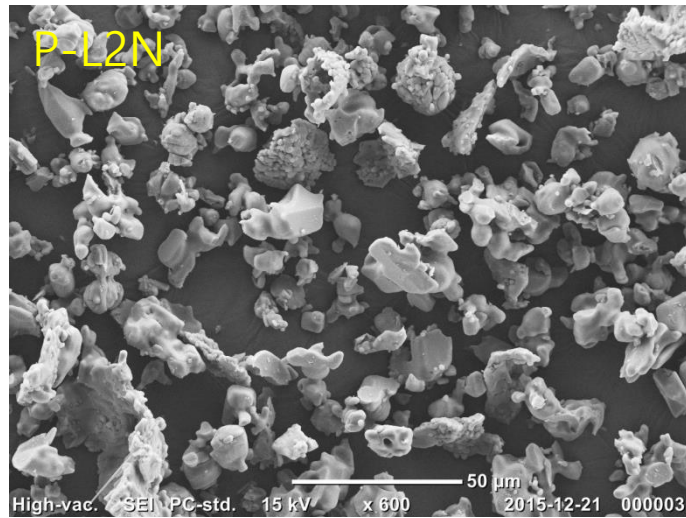


(a)



(b)

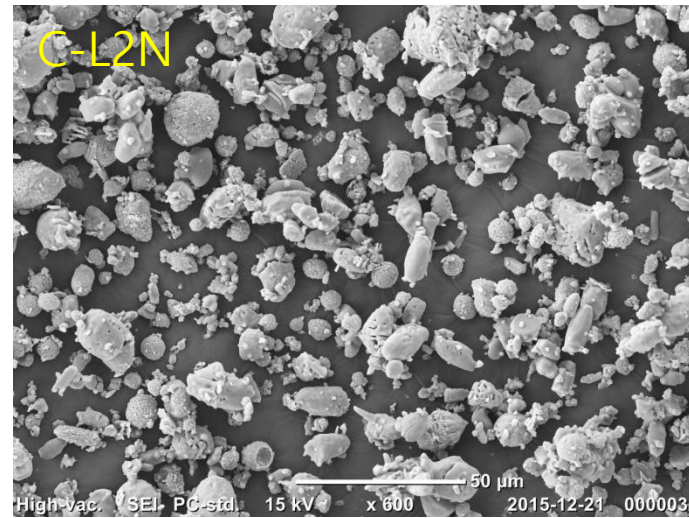


Figure. S1 SEM images of (a) P-L2N and (b) C-L2N

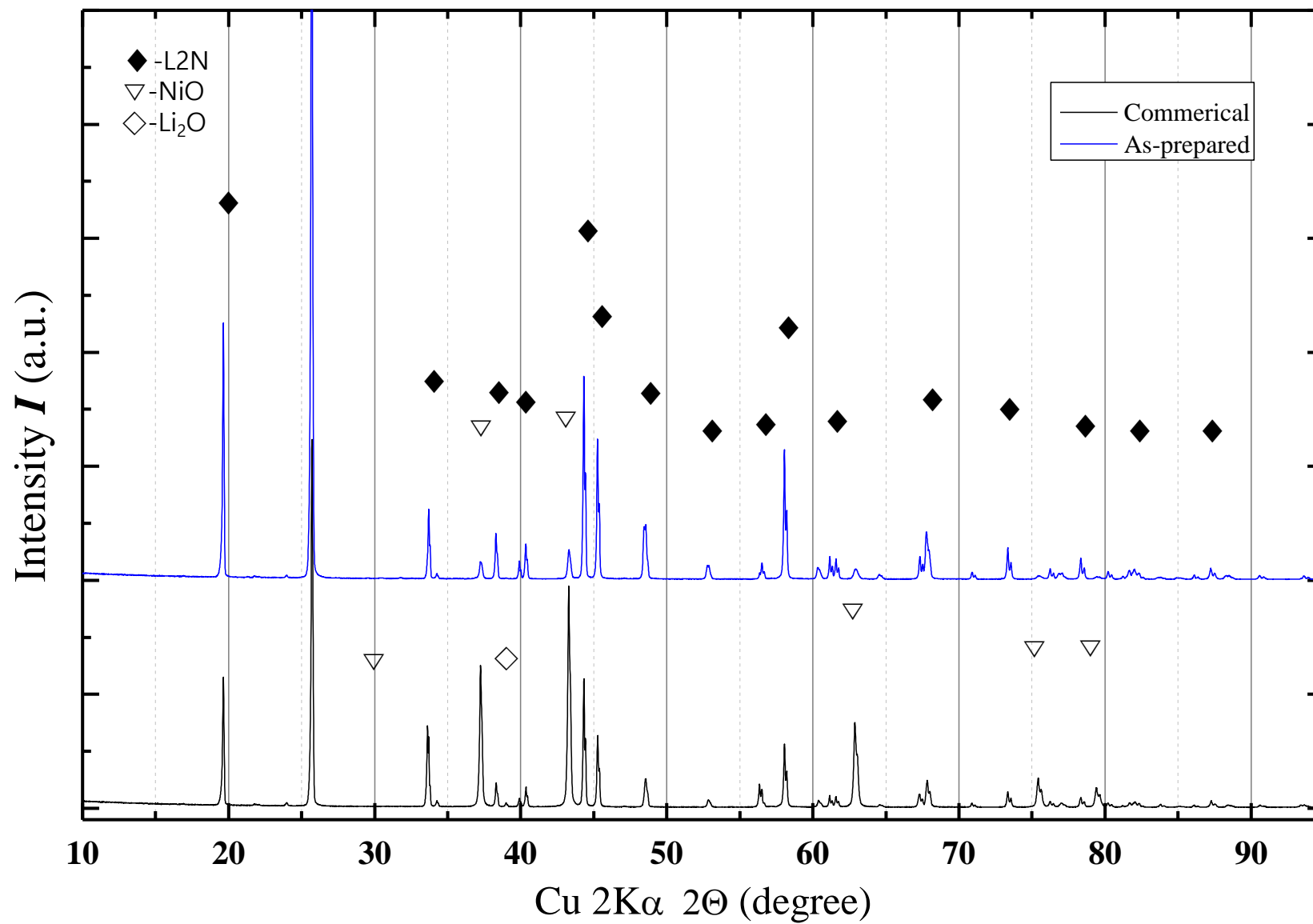


Figure. S2 XRD patterns of C-L2N (black) and P-L2N (blue)

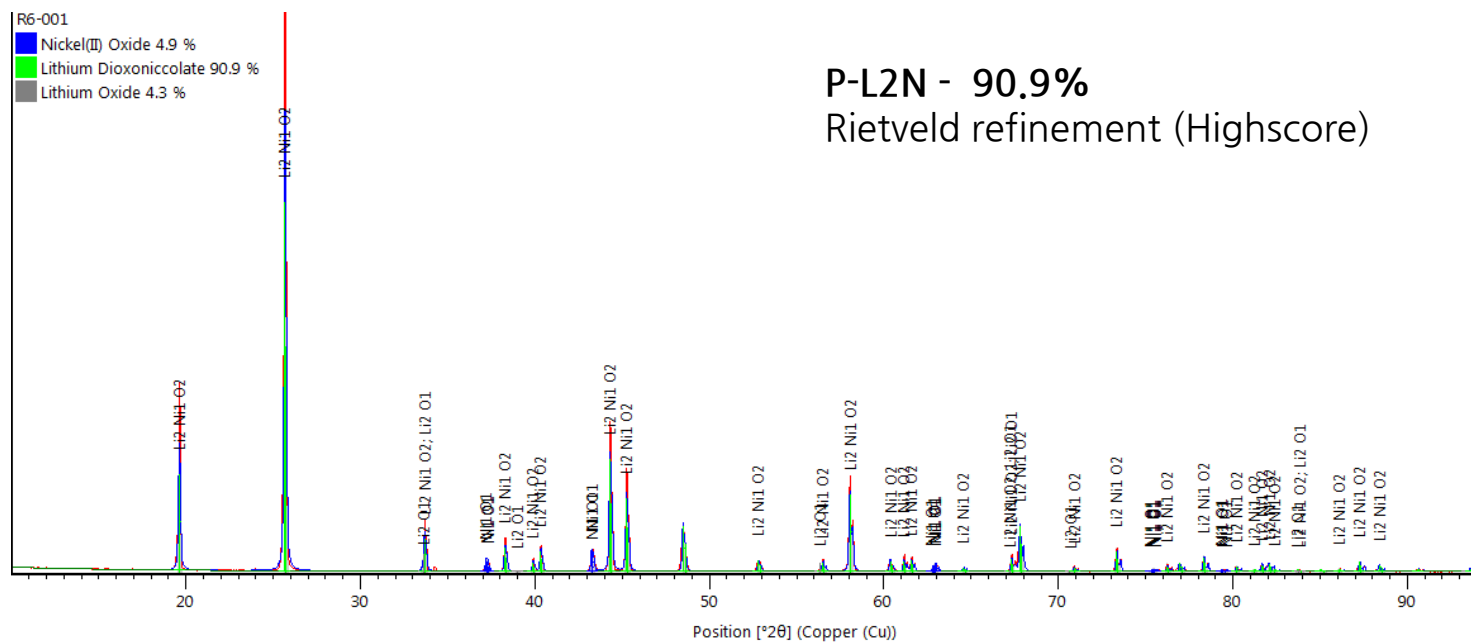


Figure. S3 Quantitative analysis result of P-L2N by Rietveld refinement

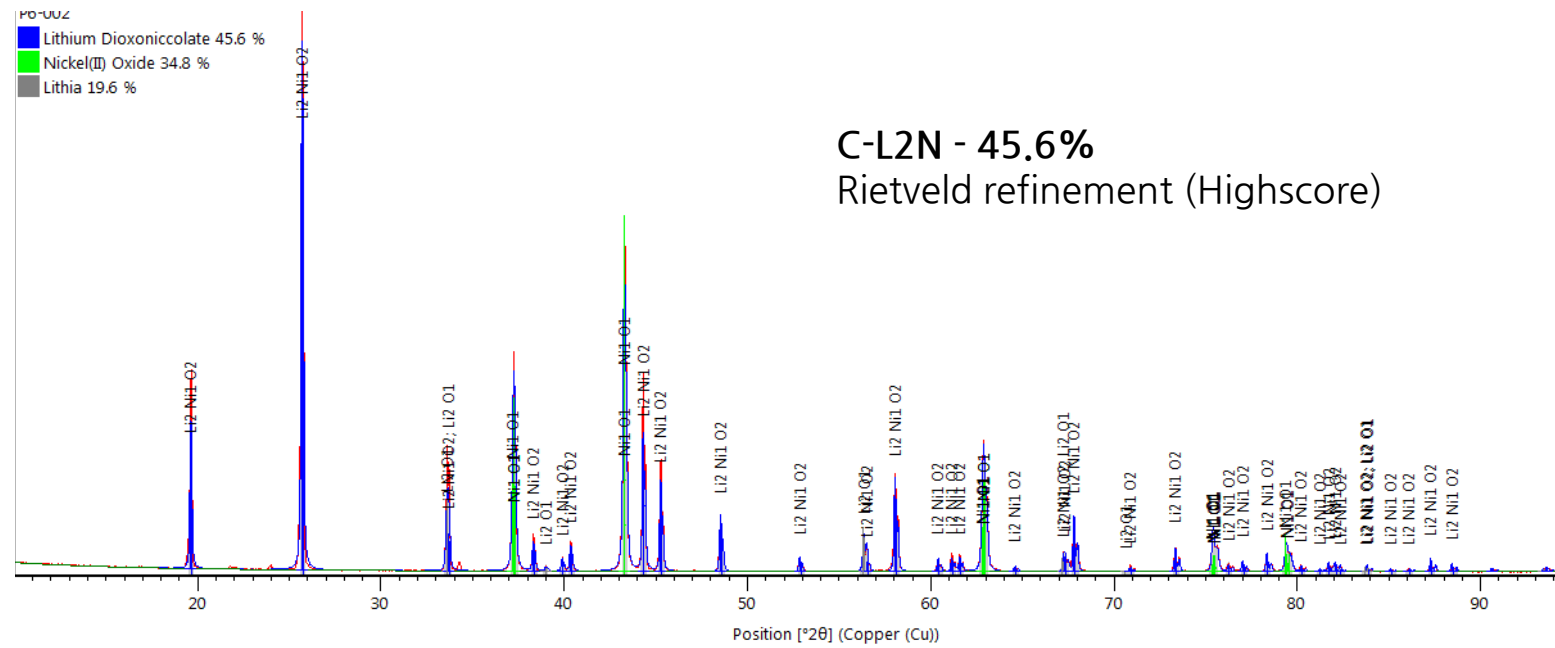


Figure. S4 Quantitative analysis result of C-L2N by Rietveld refinement