

Supplementary information

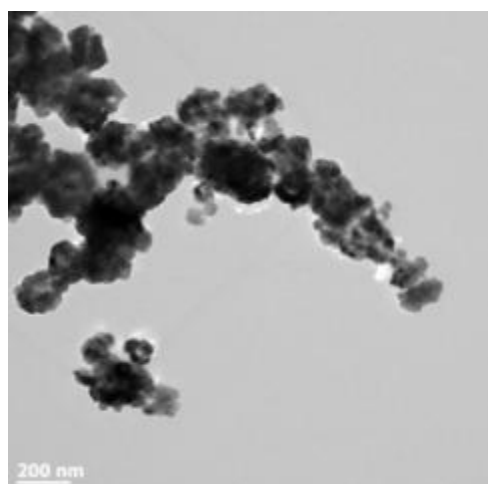


Figure S1. Bright field TEM image of LN particles taken after synthesis for 2 d at 235 °C.

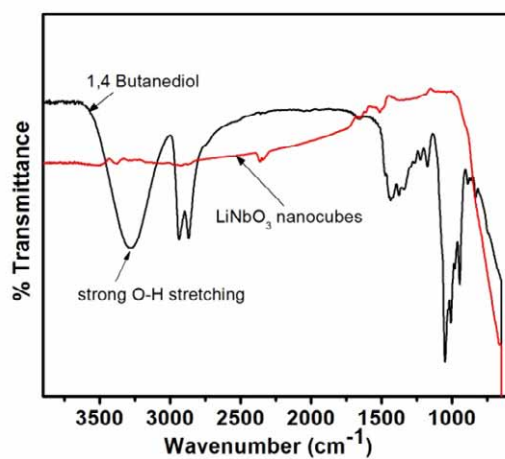


Figure S3. IR spectrum of LN nanocubes compared with 1,4-butanediol.

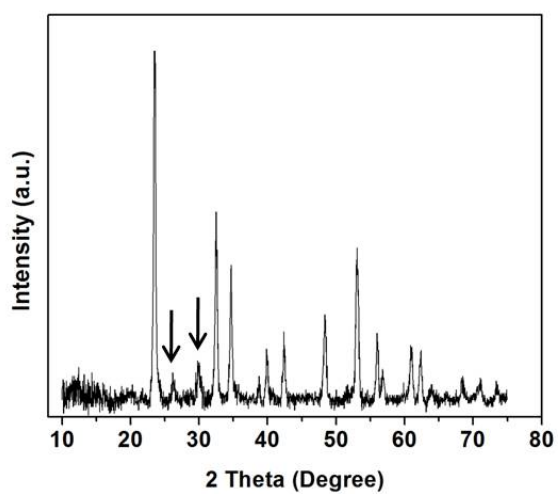


Figure S2. XRD pattern of LN nanoparticles after synthesis at 250 °C for 3 d shows formation of LiNbO₃ (highlighted by arrow mark).