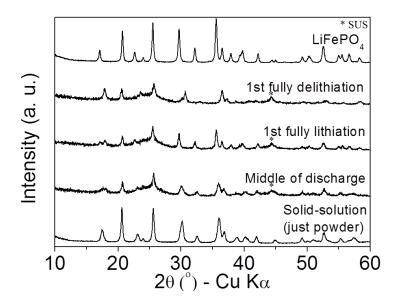
Supporting information



S.1 XRD patterns of bare LiFePO₄ nanoparticle. And XRD patterns of SS nanoparticle and its fully delithiated and lithiated and state of discharge 50% electrode.