

Supporting information

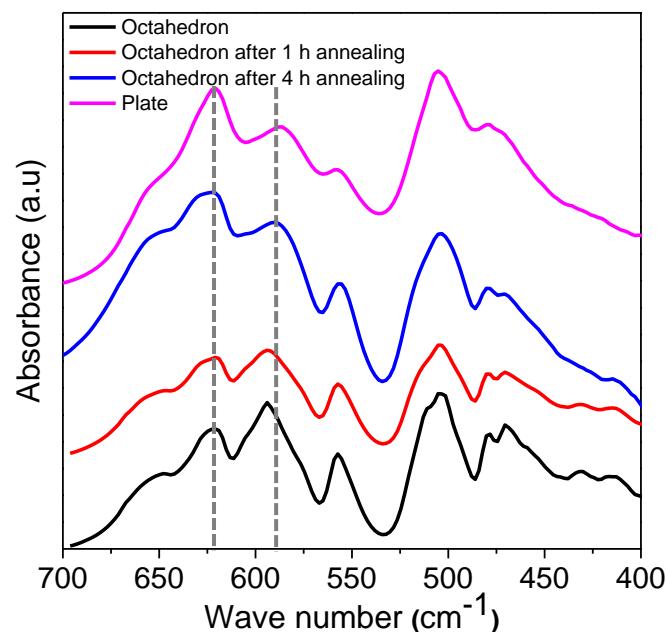


Figure SI-1. FTIR spectra of LMNO samples before and after annealing.

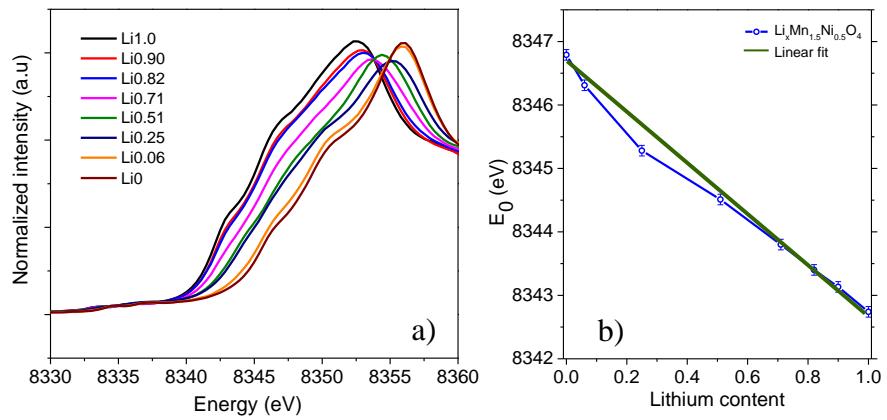


Figure SI-2. a) Ni K -edge XANES spectra and b) relationships between E_0 and lithium content in chemically delithiated Li_xMNO samples. x as indicated.

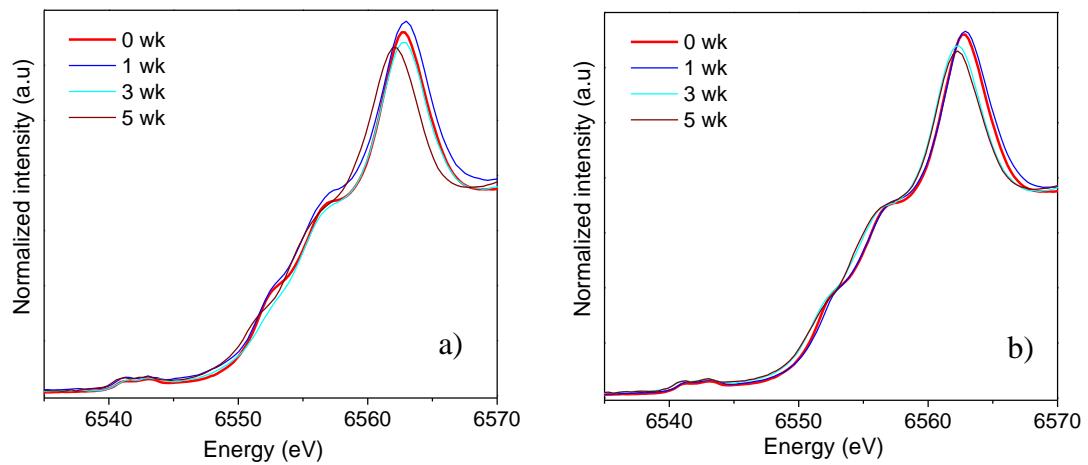


Figure SI-3. Mn *K*-edge XANES spectra of aged MNO: a) plate and b) octahedron.