## Electronic supplementary information

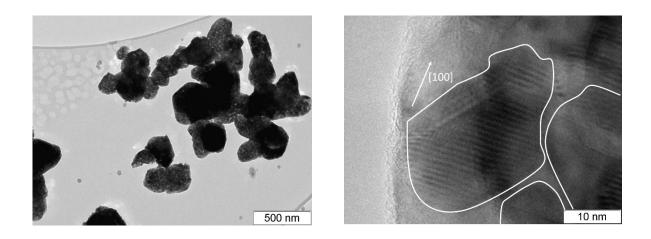


Fig. S1 TEM images for mixed Mn-Co oxides reduced at 500 °C.

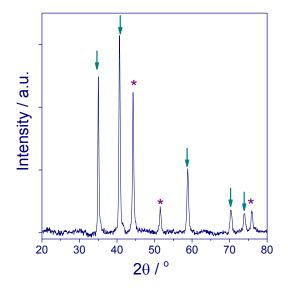


Fig. S2 XRD pattern of sample at RT after reduction at 600°C. Arrows indicate position of MnO, asterisks - Co.