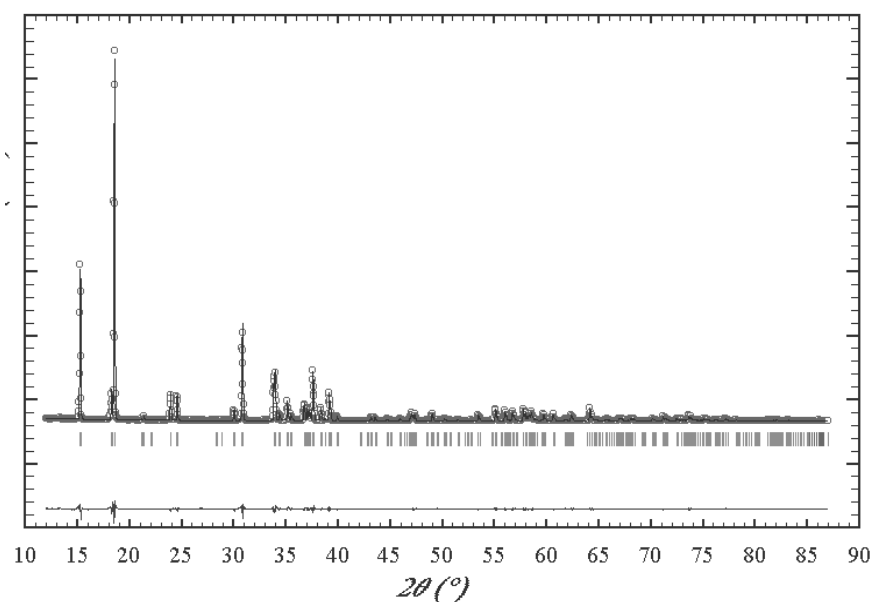


(a)



(b)

Fig. S1 Refinement of X-ray powder diffraction profiles at room temperature of $\text{Co}_{1.7}\text{M}_{0.3}(\text{OH})\text{PO}_4$ (a) $\text{M} = \text{Ni}$ and (b) $\text{M} = \text{Cu}$. Observed (crosses), calculated (solid line) and difference (at the bottom) are included. Vertical marks correspond to the position of the allowed reflections for the crystallographic structure.