

## Magnetism in the $(\text{Co}_{1-x}\text{Fe}_x)_2(\text{OH})_2(\text{C}_8\text{H}_4\text{O}_4)$ solid solutions: a combined neutron diffraction and magnetic measurements study†

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### Supplementary Information

Table S1 : Metallic composition of samples 1, 2, 3 and 4 by electron probe microanalysis

Sample	Formula	Calculated (wt%)	Found (wt%)
1	$\text{Co}_{0.75}\text{Fe}_{0.25}$	88	88.3
2	$\text{Co}_{0.5}\text{Fe}_{0.5}$	75	71.75
3	$\text{Co}_{0.25}\text{Fe}_{0.75}$	50	47
4	$\text{Co}_{0.12}\text{Fe}_{0.88}$	25	24.92

Fig. S1 : Rietveld refinements of the neutron data of the solid solutions  $\text{Co}_{2-x}\text{Fe}_x(\text{OH})_2(\text{C}_8\text{H}_4\text{O}_4)$  at 2 K ( $\lambda = 2,50$  Angstroems).

