

**Magnetic Properties of Segregated Layers Containing  $M^{II}_3(\mu_3\text{-OH})_2$  (M = Co or Ni) Diamond Chains Bridged by *cis,cis,cis*-1,2,4,5-Cyclohexanetetra-carboxylate**

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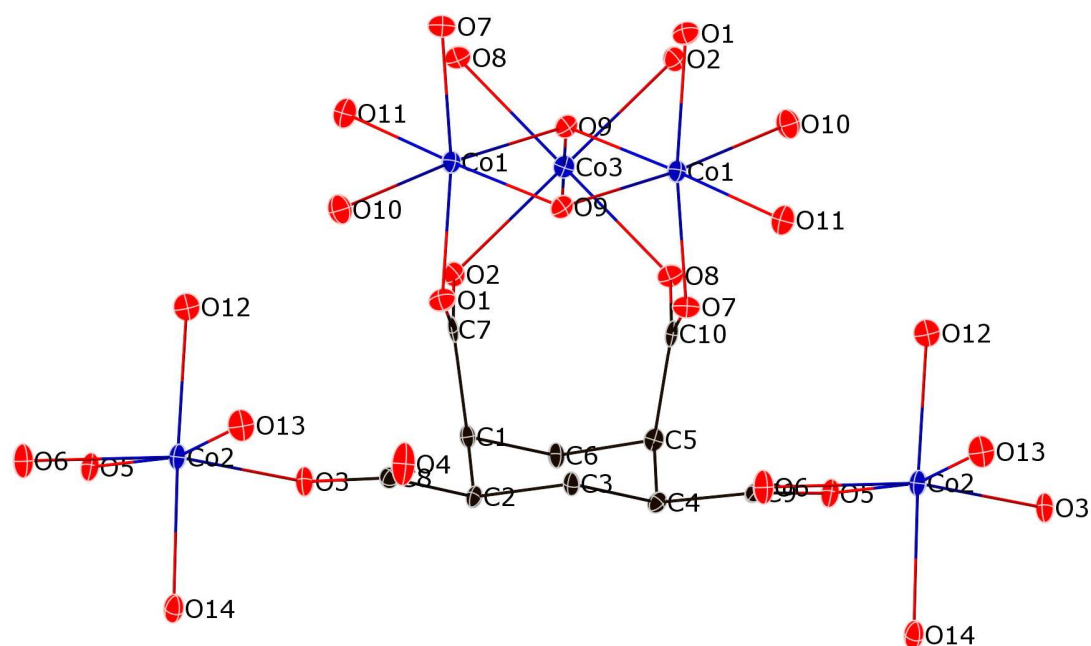
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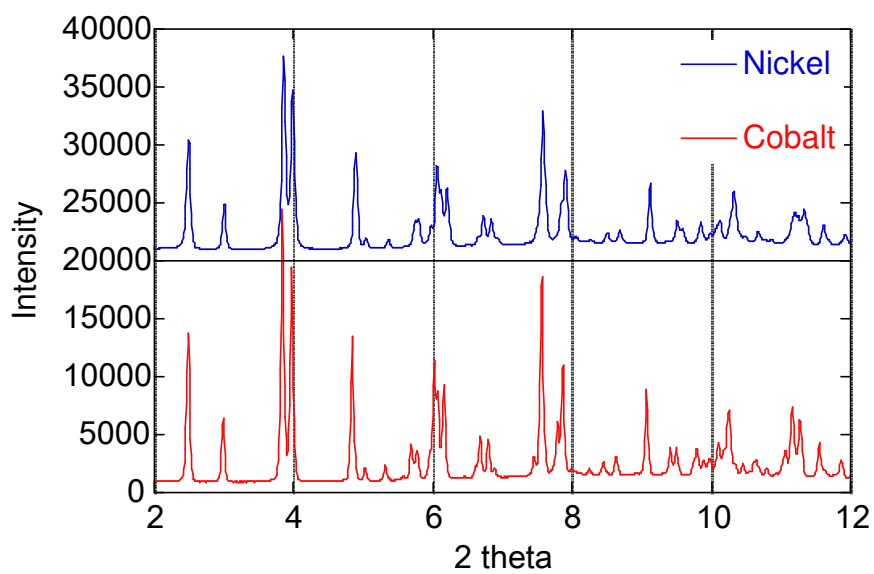
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**Supplementary materials**



**Figure S1.** Numbering scheme adopted for the structures.



**Figure S2.** Parts of the X-ray Powder diffraction patterns of **1Co** and **2Ni** ( $\lambda = 0.69153 \text{ \AA}$ ).