

Supplementary material for:

A comparative *in situ* Rietveld refinement study: Thermal decomposition and transformation of CoAl and CoZnAl layered double hydroxides

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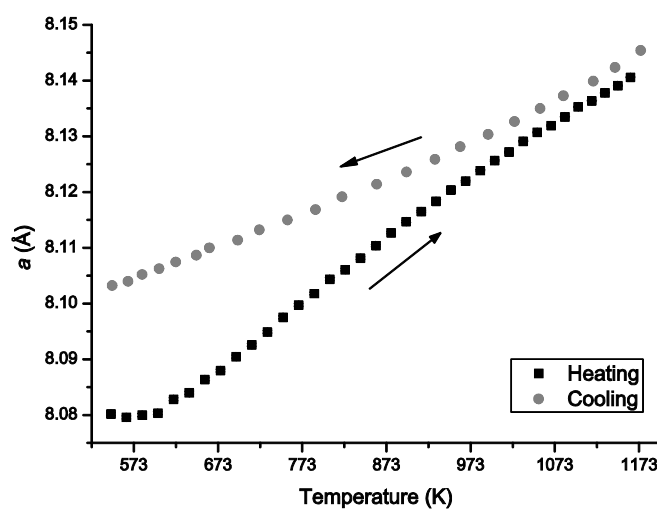


Figure S1 The a axis of the spinel phase as a function of temperature. The black symbols represent the heating of the COAL sample, whereas the gray symbols represent an *in situ* cooling of a similar cobalt aluminium spinel. Some of the estimated standard deviations are smaller than the symbols.

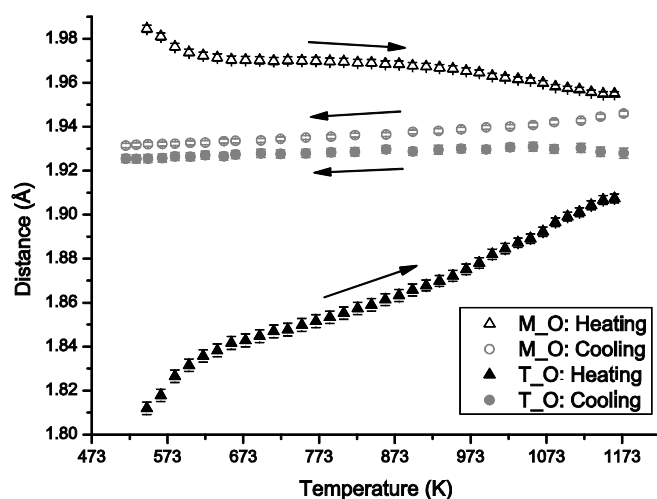


Figure S2 The oxygen-cation distance in the octahedron (M_O) and tetrahedron (T_O) as a function of temperature. The black symbols represent the heating of the COAL sample, whereas the gray symbols represent an *in situ* cooling of a similar cobalt aluminium spinel. Some of the estimated standard deviations are smaller than the symbols.