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Electronic supplementary information (ESI)

## Structural, magnetic and optical properties of disordered double perovskite Gd<sub>2</sub>CoCrO<sub>6</sub> nanoparticles

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**S1** FTIR spectroscopy

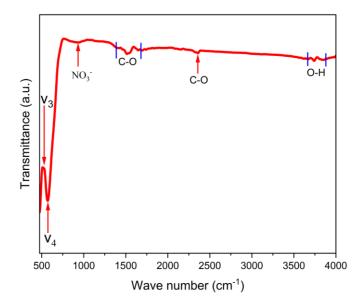


Figure S1 FTIR Spectrum of as-synthesized GCCO nanoparticles observed at RT.

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<sup>†</sup> Electronic Supplementary Information (ESI) available: [details of any supplementary information available should be included here]. See DOI: 10.1039/x0xx00000x

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## S2 TGA and DTA analysis

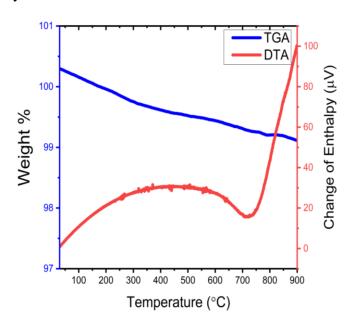


Figure S2 TGA and DTA curves of GCCO double perovskite.