

Electronic supplemental information ESI – I

X-ray diffraction patterns taken before and after the second stage of heating at 500°C for 2½ hours of the MgFe₂O₄ sample (i.e., $x = 0.0$), indicating the complete removal of unreacted traces of poly-vinyl alcohol used in the synthesis of the samples.

Title : Defects-focused analysis of calcium-substitution-induced structural transformation of magnesium ferrite nanocrystals

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