

Supplementary Materials: Critical Behavior of $\text{La}_{0.8}\text{Ca}_{0.2}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$ Perovskite ($0.1 \leq x \leq 0.3$)

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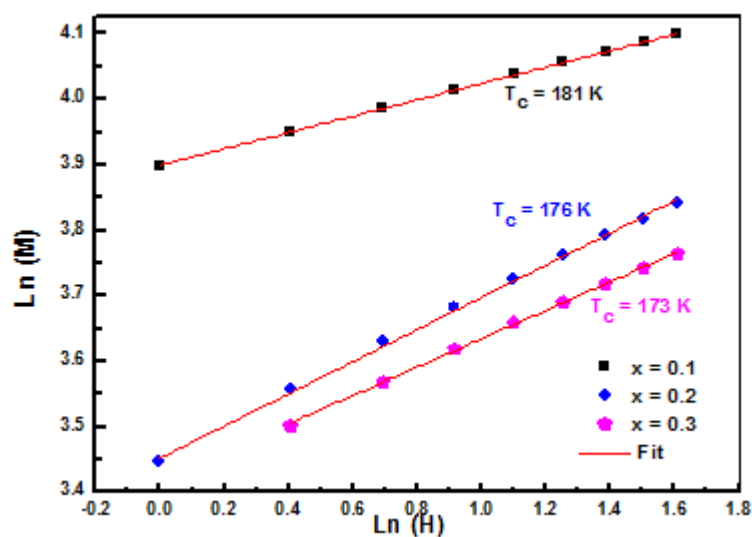


Figure S1. Linear fit of isothermal magnetic curves at $T = T_c = 181$ K, 176 K and 173 K for $\text{La}_{0.8}\text{Ca}_{0.2}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$ with $x = 0.1$, 0.2 and 0.3, respectively.

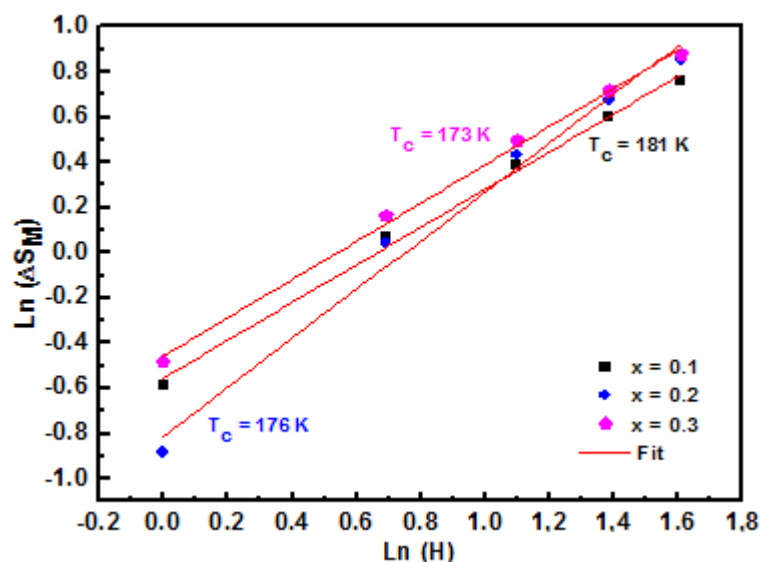


Figure S2. Linear fit of magnetic entropy change curves at $T_c = 181$ K, 176 K and 173 K for $\text{La}_{0.8}\text{Ca}_{0.2}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$ with $x = 0.1$, 0.2 and 0.3, respectively.