

Supporting Information

A Novel Cadmium Imidazolate Framework (CdIF) with Ice-XII Structure of *itv* Topology

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Figure S1: IR spectrum of CdIF-13

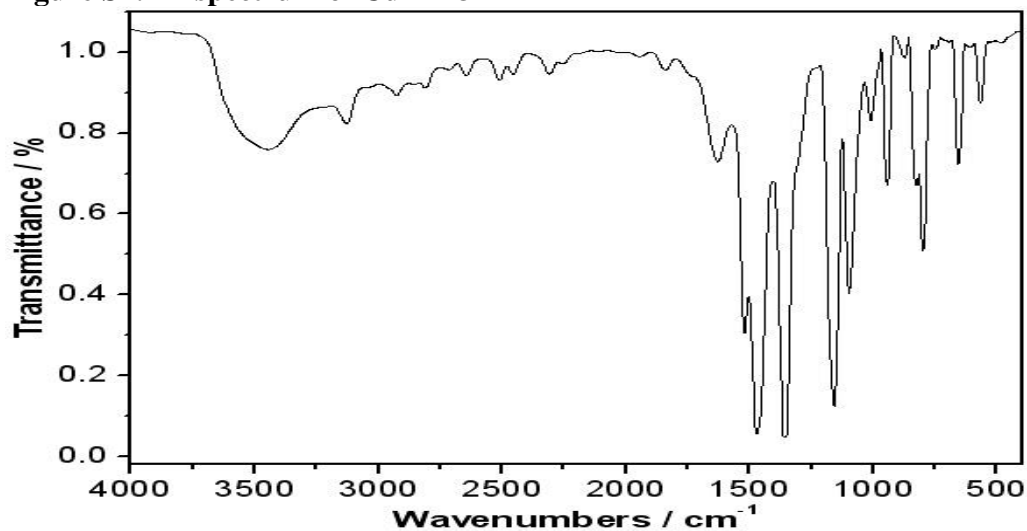


Figure S-2: TGA-DTA of CdIF-13:

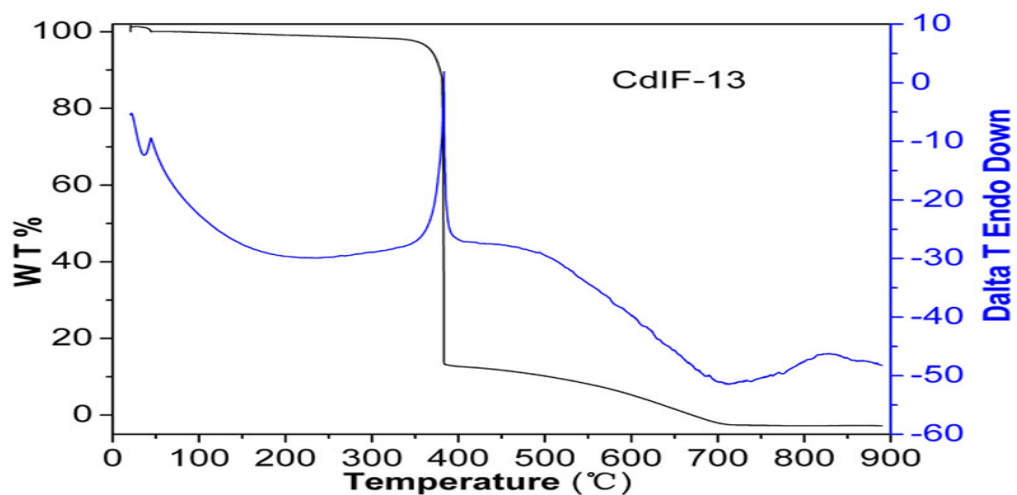


Figure S-3: XRPD of the compound with unknown structure obtained by reaction of $\text{Cd}(\text{OAc})_2 \cdot 2\text{H}_2\text{O}$ with Hnim.

