Supporting Information

Coordination polymers of flexible poly-carboxylic acids with metal ions. IV. Syntheses, structures, and magnetic properties of polymeric networks of 5-(3,5)-(dicarboxybenzyloxy)isophthalic acid with Cd(II), Cu(II), Co(II) and Mn(II) ions.

Ranjan Patra, Hatem, M. Titi and Israel Goldberg*

School of Chemistry, Sackler Faculty of Exact Sciences, Tel-Aviv University, Ramat-Aviv, 69978 Tel-Aviv, Israel. E-mail: ranjanpatra06@gmail.com; goldberg@post.tau.ac.il



Figure S1: Powder XRD spectra for Compound **3**; (top) measured data and (bottom) calculated from single-crystal structure.



Figure S2: Powder XRD spectra for Compound **4**; (top) measured data and (bottom) calculated from the single-crystal structure.



Figure S3: IR Spectra of Compound 1



Figure S4: IR Spectra of Compound 2



Figure S6: IR Spectra of Compound 4



Figure S7: TGA-DTA analysis of compound 1



Figure S8: TGA-DTA analysis of compound 2



Figure S10: TGA-DTA analysis of compound 4







Figure S12: $1/X_M$ Vs T for compound 4