Supporting Information

Porous Metal-Organic Frameworks Containing Alkali-Bridged Two-Fold Interpenetration: Syntheses, Gas Adsorption, and Fluorescence Investigation

Ruqiang Zou,*[,†] Amr I. Abdel-Fattah,[†] Hongwu Xu,[†] Anthony K. Burrell,[†] Thomas M. McCleskey,[†] Toti E. Larson,[†] Qiang Wei,[†] Michael T. Janicke,[†] Donald D. Hickmott,[†] and Tatiana V. Timofeeva,[‡] Yusheng Zhao*[,†]

[†]*Earth and Environmental Sciences Division, Los Alamos Neutron Science Center, Materials Physics and Applications Division, and Chemistry Division, Los Alamos National Laboratory, Los Alamos, NM 87545.*

[‡]*Department of Chemistry, New Mexico Highlands University, Las Vegas, New Mexico 87701.*

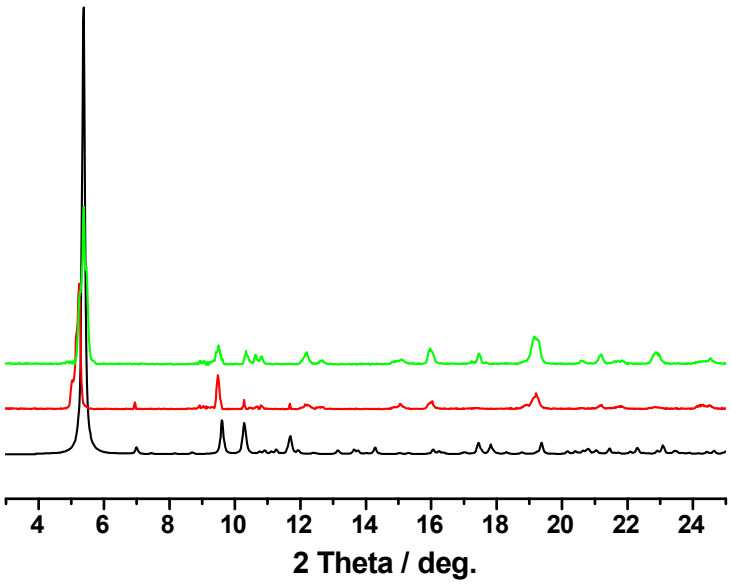

Fig. 1S Powder X-ray pattern of **1**: (a) simulated, (b) as made, and (c) solvent free one.

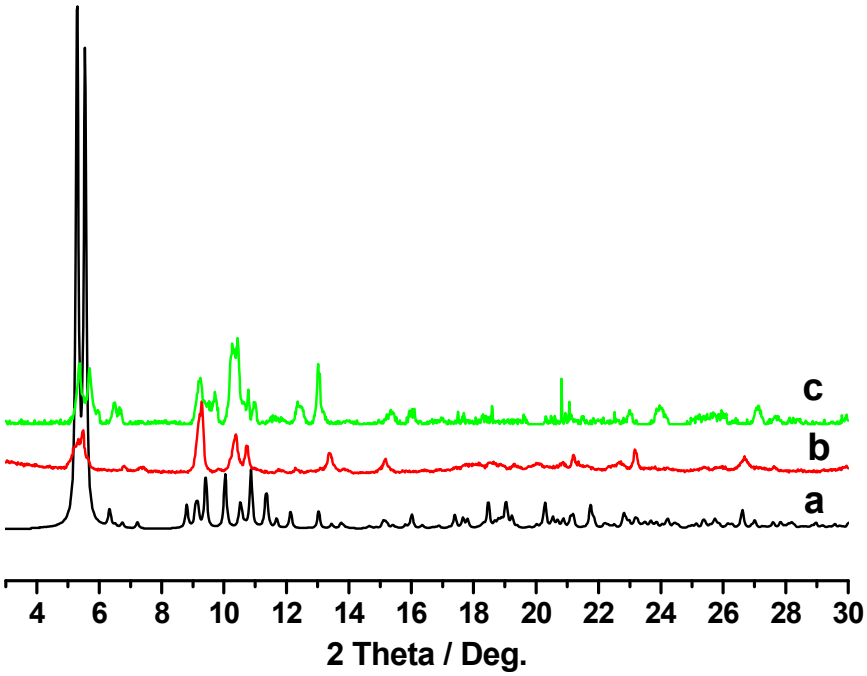

Fig. 2S Powder X-ray pattern of **2**: (a) simulated, (b) as made, and (c) solvent free one.