

The pH-controlled hydrothermal synthesis and crystal structures of two zinc N,N'-piperazinebis(methylenephosphonate) frameworks

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Supplementary Information

Figure S1.

Experimental X-ray powder diffraction pattern for phase I, and the pattern simulated on the basis of the crystal structure.

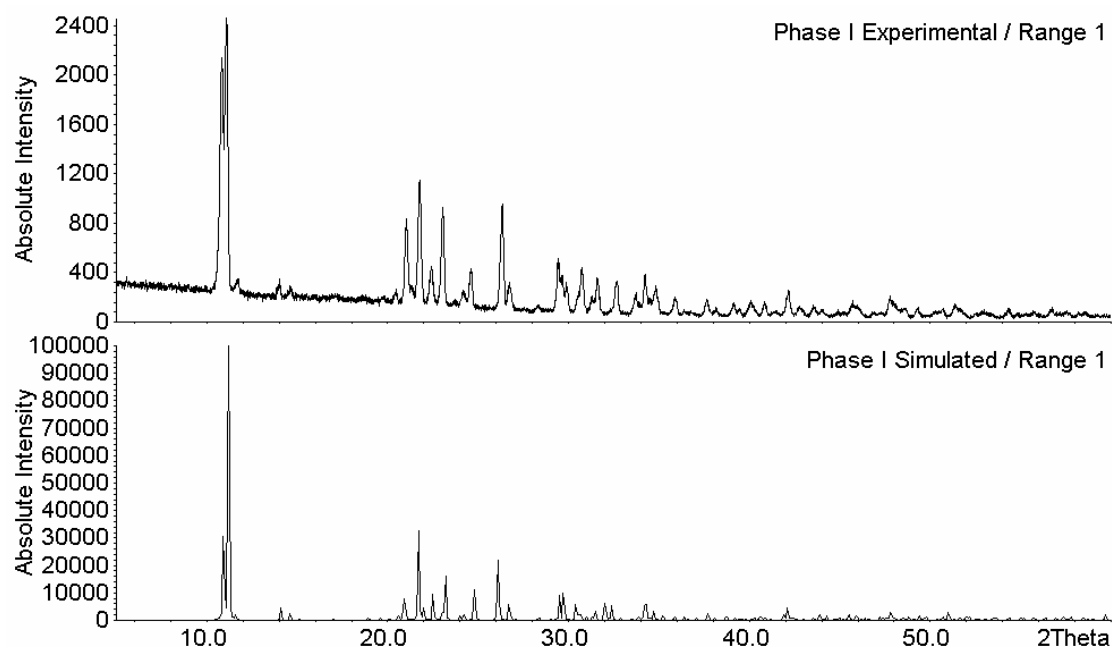


Figure S2.

Experimental X-ray powder diffraction pattern for phase II, and the pattern simulated on the basis of the crystal structure.

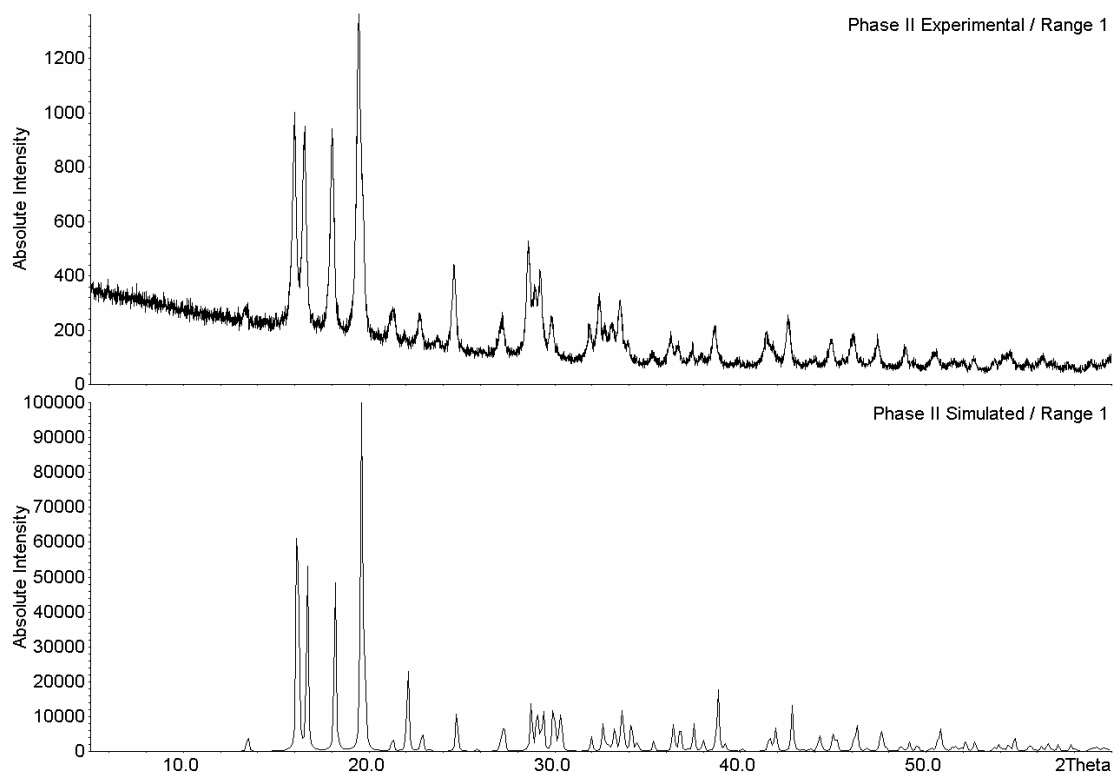


Figure S3.

Powder X-ray diffraction data for as-made (hydrated) and dehydrated Phase I

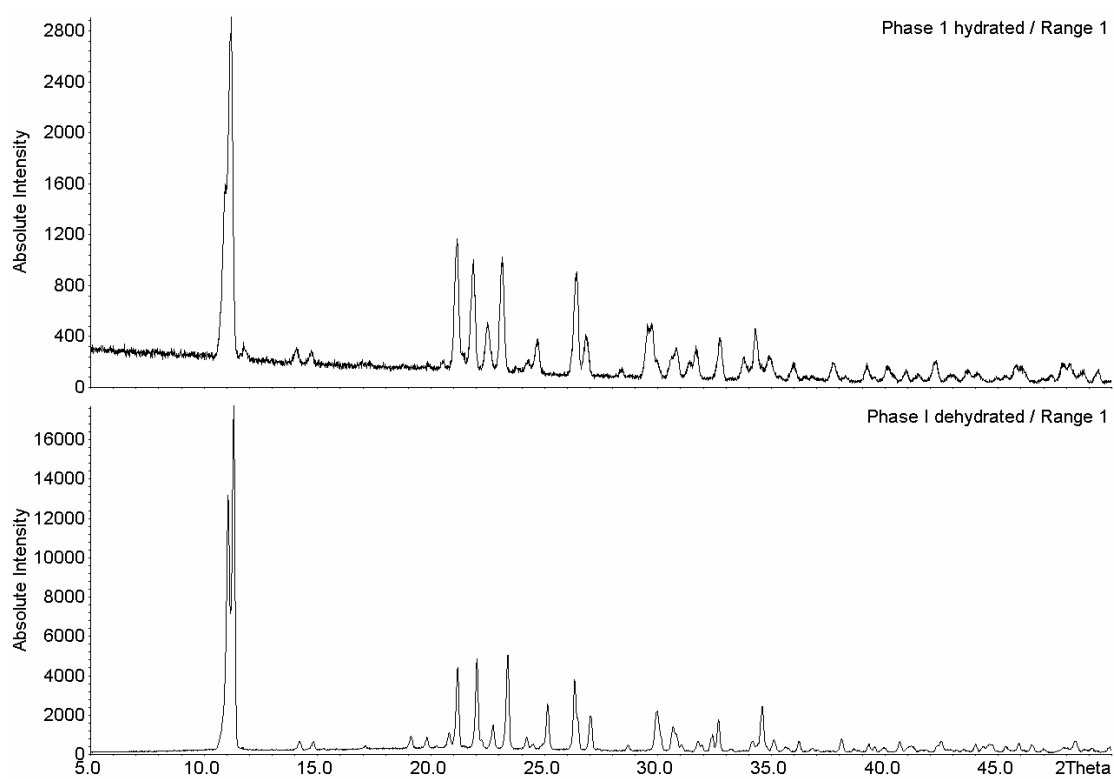


Figure S4. ^{31}P MASNMR spectra for phase II (top) and phase I (below).

