**Supplementary information**

**Kinetics and mechanism of incorporation of zinc(II) into tetrakis(1-methylpyridium-4-yl)porphyrin in aqueous solution**

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302 nm (*λ*max of Zn(II) species)

**Supplementary Figure S1**. Absorption spectra of 1.0×10-3 M Zn(II) in 0.1 M NaCl solution at ambient temperature in a pH range from 2.28 to 10.30. At low pH, the LMCT absorption is centered at 302 nm. Slight hypochromicity of the LMCT absorption is observed for changing the Zn(II) species from ZnCl42- to [ZnCl4-n(OH)n]2- as a function of solution pH.