

Supplementary material

for

Cation, Anion and Ion-Pair Complexes with a G-3 Poly(ethylene imine) Dendrimer in Aqueous Solution.

By Matteo Savastano, Carla Bazzicalupi, Claudia Giorgi, Paola Gratteri and Antonio Bianchi

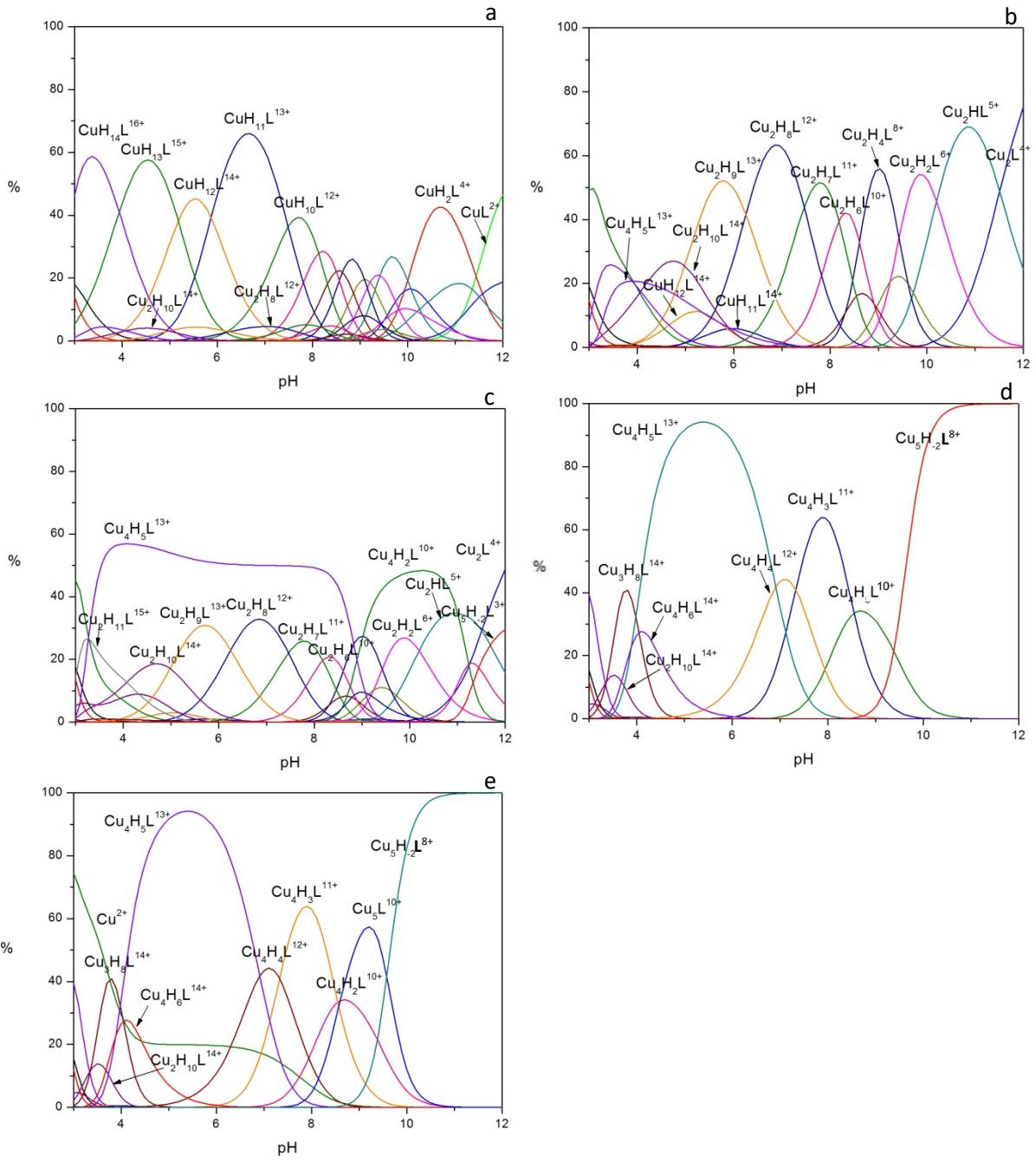


Figure S1. Distribution diagrams of the Cu^{2+} complexes of L2. $[\text{L2}] = 1 \times 10^{-3} \text{ M}$, $[\text{Cu}^{2+}] = [\text{L2}]$ (a), $[\text{Cu}^{2+}] = 2[\text{L2}]$ (b), $[\text{Cu}^{2+}] = 3[\text{L2}]$ (c), $[\text{Cu}^{2+}] = 4[\text{L2}]$ (d), $[\text{Cu}^{2+}] = 5[\text{L2}]$ (e).

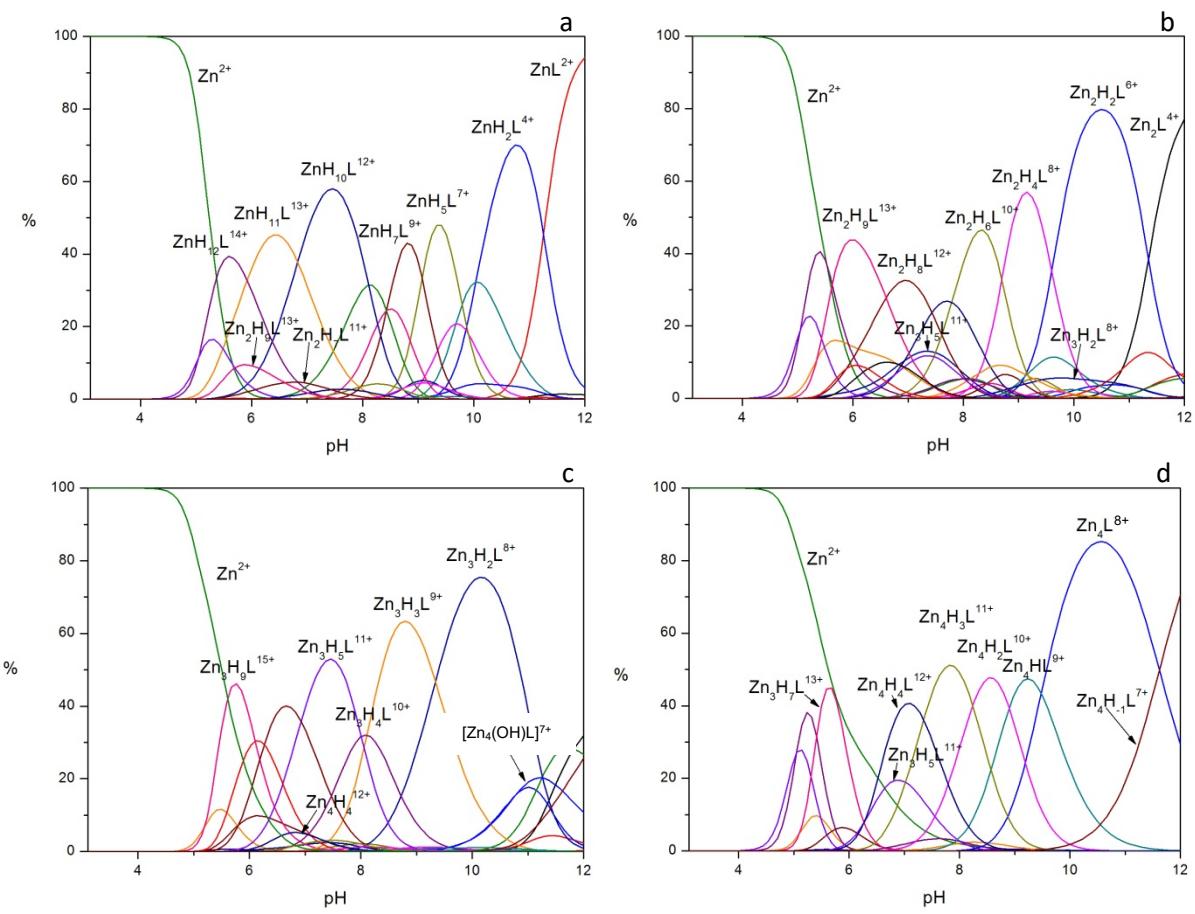


Figure S2. Distribution diagrams of the Zn²⁺ complexes of L2. [L2] = 1 × 10⁻³ M, [Zn²⁺] = [L2] (a), [Zn²⁺] = 2[L2] (b), [Zn²⁺] = 3[L2] (c), [Zn²⁺] = 4[L2] (d).

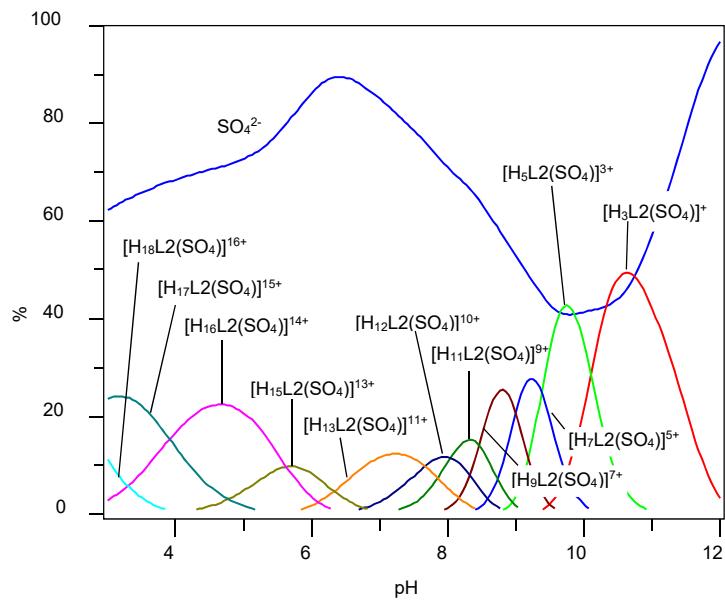


Figure S3. Distribution diagrams of the anion complexes formed by L2 with SO_4^{2-} . $[\text{L}2] = [\text{SO}_4^{2-}] = 1 \times 10^{-3} \text{ M}$.

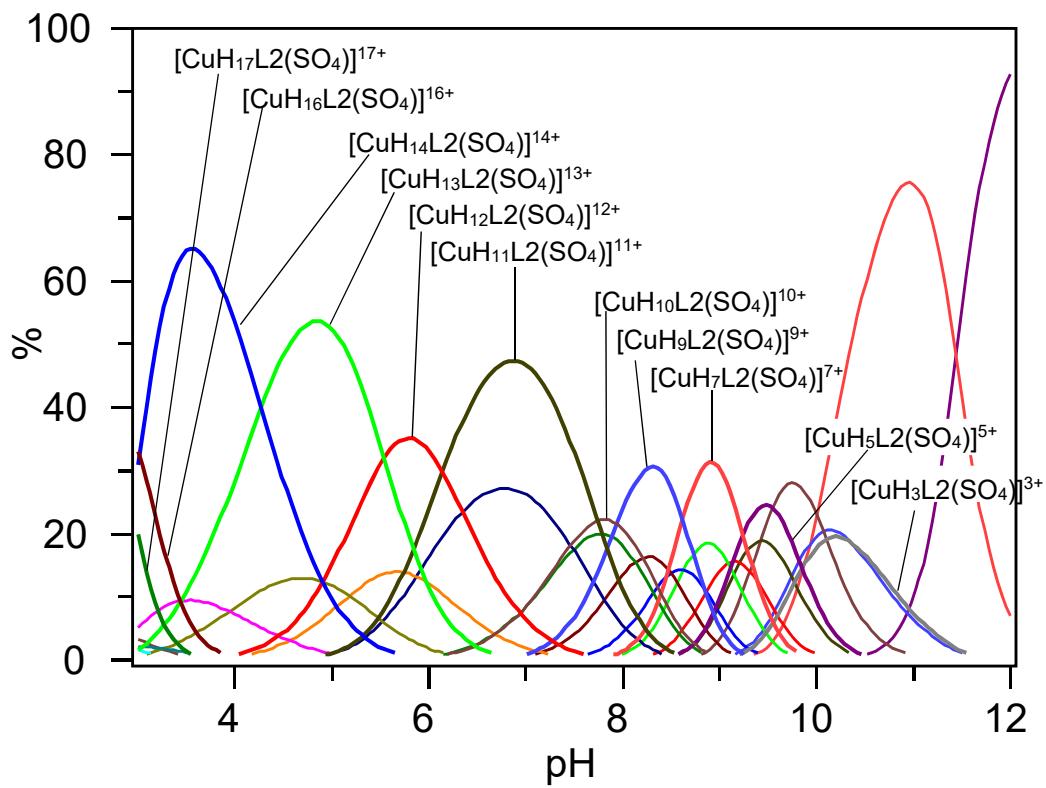


Figure S4. Distribution diagrams of the ion-pair complexes formed by L2 with Cu²⁺ and SO₄²⁻ complexes of L2. [L2] = [Cu²⁺] = [SO₄²⁻] = 1×10⁻³ M.