

Supplementary Materials

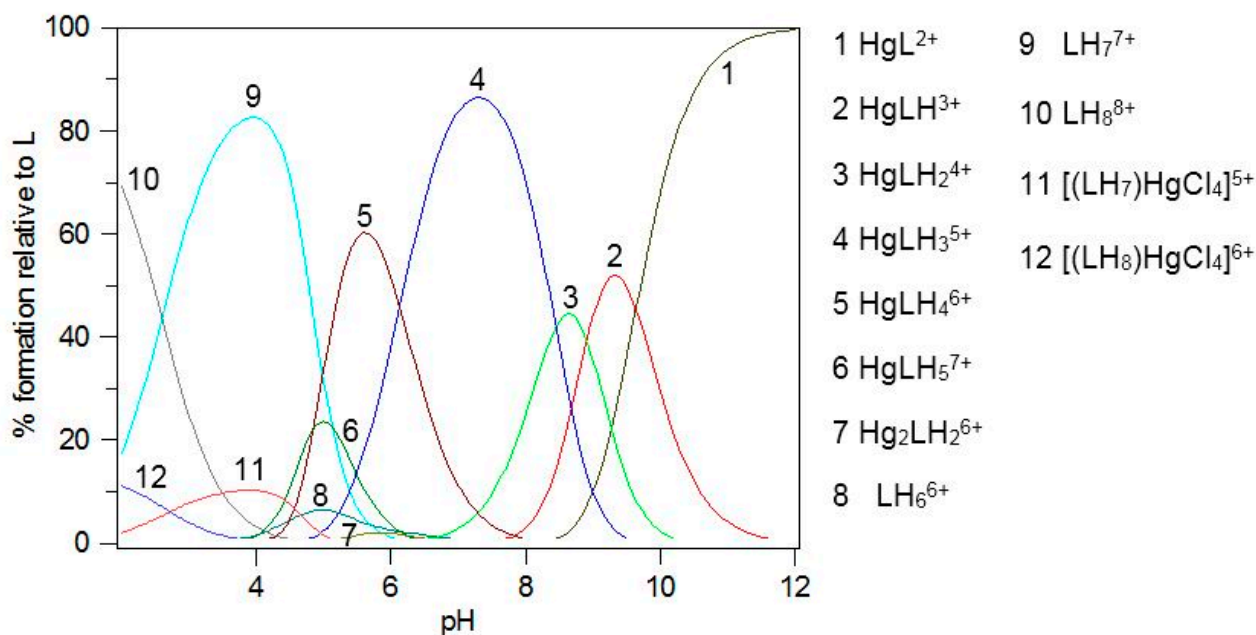


Figure S1. Distribution diagram of the species formed in the system Hg(II)/L in the presence of $[\text{Hg(II)}] = [\text{L}] = 1 \times 10^{-3} \text{ M}$, $[\text{Cl}^-] = 0.1 \text{ M}$, 298.1 K.

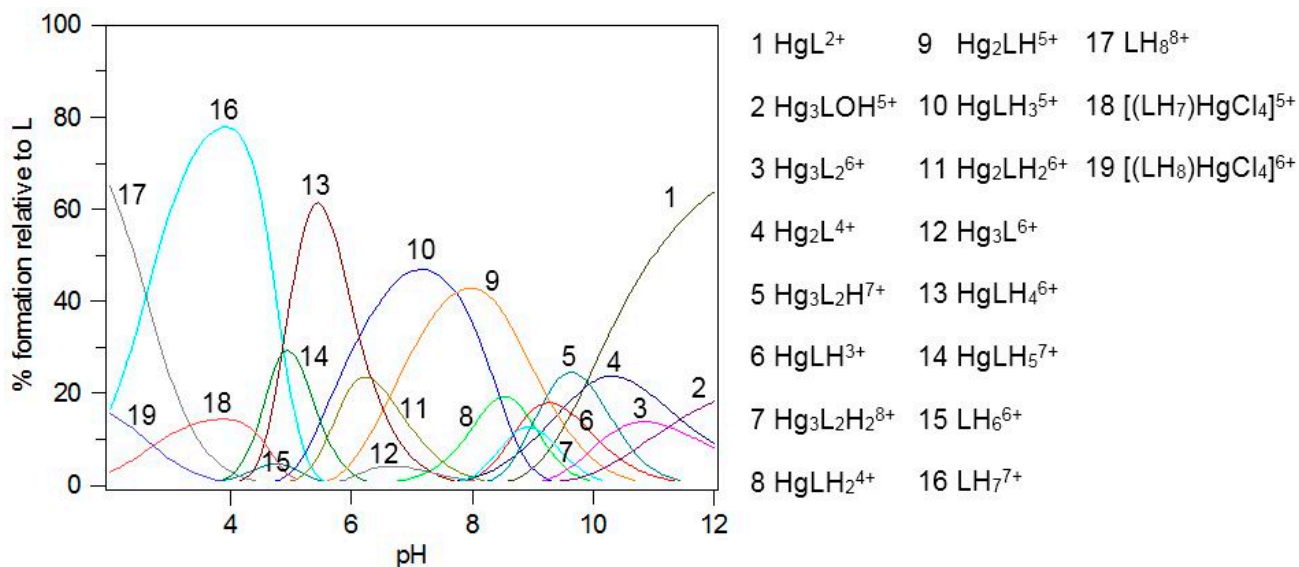


Figure S2. Distribution diagram of the species formed in the system Hg(II)/L in the presence of $[\text{Hg(II)}] = 1.5 \times 10^{-3} \text{ M}$, $[\text{L}] = 1 \times 10^{-3} \text{ M}$, $[\text{Cl}^-] = 0.1 \text{ M}$, 298.1 K.

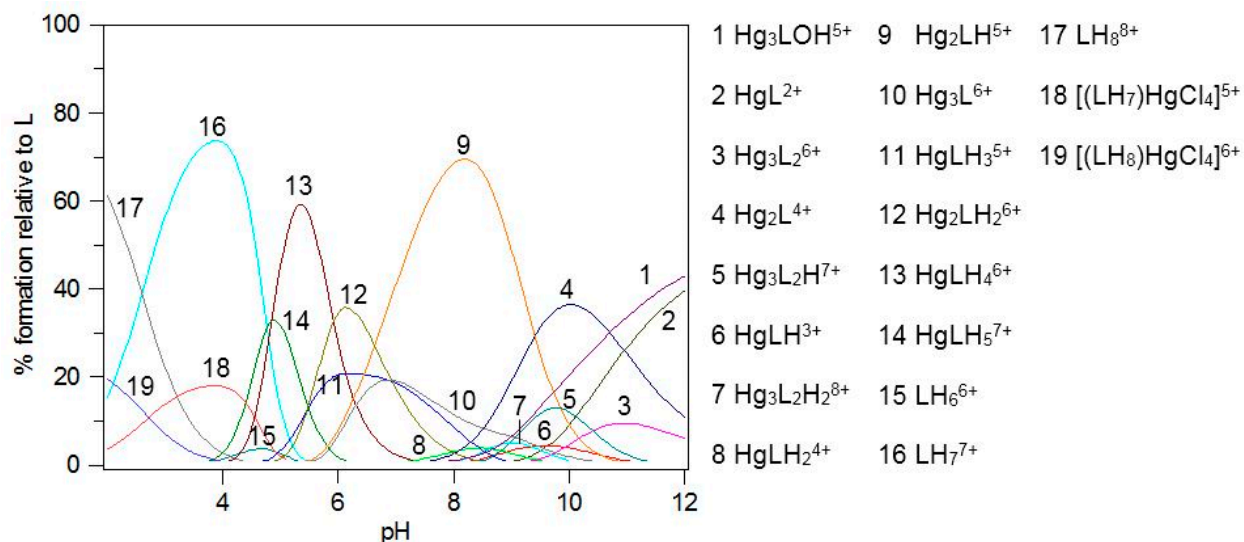


Figure S3. Distribution diagram of the species formed in the system Hg(II)/L in the presence of $[\text{Hg(II)}] = 2 \times 10^{-3} \text{ M}$, $[\text{L}] = 1 \times 10^{-3} \text{ M}$, $[\text{Cl}^-] = 0.1 \text{ M}$, 298.1 K.

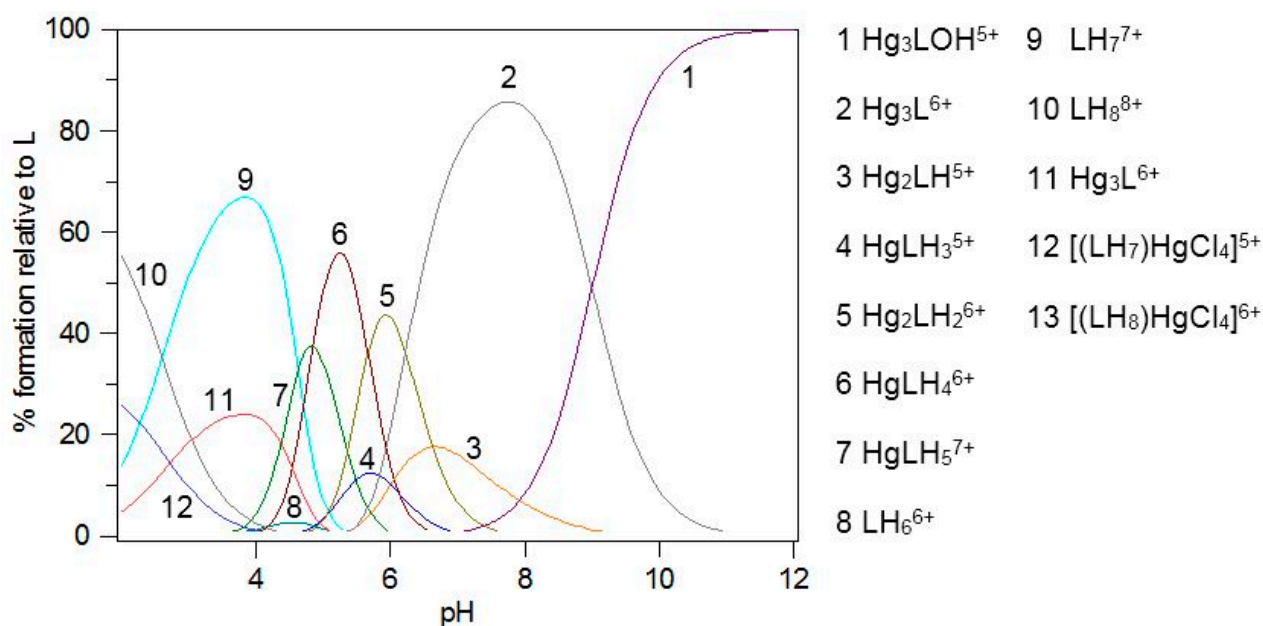


Figure S4. Distribution diagram of the species formed in the system Hg(II)/L in the presence of $[\text{Hg(II)}] = 3 \times 10^{-3} \text{ M}$, $[\text{L}] = 1 \times 10^{-3} \text{ M}$, $[\text{Cl}^-] = 0.1 \text{ M}$, 298.1 K.