Abstract

Differential-pulse polarography was used to study the simple and mixed-ligand complexes of Cd-imidazole-citrate systems in solution. By using the graphical DeFord-Hume and Schaap-McMasters treatments, the overall stability constants for the mixed-ligand complexes were determined. The equilibria between the various mixed-ligand species coexisting in the solution, together with their stepwise stability constants, are also given.