



## Spectroscopic Characterization of $[\text{Cu}(\text{L-Lysinato})_2\text{Cl}_2]\cdot 2\text{H}_2\text{O}$

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**SUMMARY.** Copper compounds and, in particular, Cu(II) complexes show relevant pharmacological interest. Copper complexes of most of the simplest amino acids showed a particular relevance, appearing even useful for copper supplementation in human and veterinary medicine. In this contribution, the infrared and Raman spectra of the Cu(II) complex of L-lysine of composition  $[\text{Cu}(\text{L-Lysinato})_2\text{Cl}_2]\cdot 2\text{H}_2\text{O}$  were recorded and analyzed in relation to its structural peculiarities and by comparison with the spectra of L-lysine hydrochloride. The electronic spectrum of the complex is also briefly discussed.

**KEY WORDS:** Cu(II)-L-lysinato complex, Copper supplementation, Electronic spectra, Infrared spectra, Raman spectra.

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