

Copper(II)-aminohydroxamate ternary complexes evidenced by mass spectrometry.

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The formation of both binary and ternary 12-metallacrown-4 complexes of α -aminohydroxamic acids with Cu(II) has been investigated by means of electrospray mass spectrometry, potentiometry and UV-Vis spectroscopy. The formation of a ternary complex composed of phenylalanine and glycine hydroxamic acids was found to be particularly favorable. Among metal used to obtain metallacrowns only Cu(II) was found to be appropriate.

Adres publiczny

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