

Use of polarographic and spectrophotometric methods for speciation of copper in water.

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ABSTRACT.

In this thesis the feasibility of using both polarographic and spectrophotometric method to determine free metal ion concentration in model solutions is investigated. The model solutions consisted of stable Cu-EDTA together with free copper(II).

The preliminary work with DC polarography showed that this method can be used to speciate a model solution with different metal species but spectrophotometry was found to be inadequate.

