



## **Spectrophotometric Determination of Copper Piperazine Dithiocarbamate**

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### **ABSTRACT**

*Spectrophotometric method for determination of cu(II) in the trace quantities was developed by using piperazine dithiocarbamate as ligand in ammonium chloride-ammonium hydroxide medium at pH -9.5. The procedure developed was applied for the estimation of cu(II) in microgram quantities in the water samples and the method developed was found to be simple and sensitive. Spectrophotometry is one of the instrumental methods introduced in Analytical Chemistry which has its own significance even today inspite of various other sophisticated instruments developed and has been in common use in trace analysis[1].*

**Keywords:** Spectrophotometry, copper (II), piperazine dithiocarbamate.

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