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Simultaneous determination of Cu(II) and Pd(II) as 4- phenylpiperazinecarbodithioate complex using H-point standard addition method and derivative spectrophotometry

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Simultaneous determination of Cu(II) and Pd
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Abstract: A new, simple, inexpensive, and sensitive method for the simultaneous spectrophotometric determination of Cu(II) and Pd(II) by H-point standard addition method and derivative spectrophotometry is described. 4- Phenylpiperazinecarbodithioate (PPDTC) in an anionic micellar solution of SLS was used as a reagent at pH 4. The