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Short Communication

Non-isothermal Degradation and Kinetic Parameters of Some Complexes

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ABSTRACT

Complexes of Co(II), Ni(II), Cu(II) and Pd(II) with ligand 4-s-benzyl-1-p-chlorophenyl-5-phenyl-2,4-isodithiobiurate (BPPTB) have been prepared. The TG data of decomposition of complexes have been analyzed for kinetic parameters, employing Freeman- Carroll and Sharp-Wentworth non-isothermal methods.

Keywords: Freeman-Carroll, Sharp-Wentworth, Thermal degradation, Kinetic parameters.
