

New studies about the thermal stability of some complex combinations

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Abstract In this paper we are going to present five complex combinations of Co with Schiff bases obtained by condensation of ethylene diamine with acetylacetone and benzoylacetone; phenylene diamine with benzoylacetone and also anthranilic acid with benzaldehyde. Thermal analysis was carried out on a C Paulik-Paulik Derivatograph MOM Budapest, using heating rates between 1.5-12K/min in atmosphere. We have also calculated the kinetic parameters, using integral methods.

Keywords: Schiff bases, thermal analysis, Co complex combinations
