

3) A. Turco, G. Sordillo and M. Scatena, *Ricerca Sci.*, **25**, 2361 (1955).

mol. in 15 ml.) and that of zinc acetylacetonate (0.000125 mol. in 25 ml.) were mixed (at room temperature, 18°C) and, after 30 sec., *iso*-propylether (ca. 300 ml.) was added. The precipitate was filtered off with a detachable sintered glass filter plate, thoroughly washed with *iso*-propylether, weighed and submitted to γ -ray counting. Precipitation of the oxinate was completed within one hour. (No. 1 and 2 in the table).

Exchange between solid oxinate and acetylacetonate in solution was examined in a mixture (100 ml.) of dioxane and *iso*-propylether (1+3, by volume). About 7 and 75 per cent exchange were observed after one hour and 12 hours, respectively. Since the mixed solvent assumed yellow, the exchange appears to proceed through partial dissolution of the oxinate.

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