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Simultaneous electrical conductivity and DTA measurements in the study of the phosphonate-phosphate rearrangement and accompanying processes

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Abstract

The application of DTA with the simultaneous recording of electrical conductivity variation in the study of the thermal behaviour of α-oxyalkylphosphonates and their analogues is considered. The investigation of electrical conductivity variation during a reaction helps clarify certain problems of the phosphonate-phosphate rearrangement and the decomposition of α-oxyalkylphosphonates to their components. © 1974 Wiley Heyden Ltd., Chichester and Akadémiai Kiadó, Budapest.

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