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Description of the chemikal interreacting in the quaternary mutual sistem Li,K||Br,MoO₄,WO₄

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Keywords: differential thermal analysis, quaternary mutual system, phase equilibrium, partition into the simplexes, describe the chemical interaction, conversion method, method of ion balance continuous series of solid solutions.

Abstract

The quaternary mutual system $\text{Li}, K || \text{Br}, \text{MoO}_4, \text{WO}_4$ was partitioned into the simplexes and described the chemical interaction by conversion method and by method of ion balance. The prediction of the crystallizing phases conducted on the basis of the partition and of the equations for the reactions of conversion lines and for the method of ion balance.