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Kinetic-thermodynamic research of sedimentation of tin(II) selenide in trilonate system of selenourea

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Abstract

Boundary conditions for the formation of SnSe, $Sn(OH)_2$ have been defined by computing ion balances with consideration of crystallization factor in systems "tin(II) chloride-selenourea-trilon B". Comprehensive kinetic study of SnSe sedimentation by selenouria was carried out; activation energy has been established; detailed orders of reactions on the system components have been defined; the formal-kinetic equation of the rate of tin(II)salt transformation into selenide has been worked out.