

Research of stable triangle LiF–KCl–LiKMoO₄ quaternary reciprocal system from fluorides, chlorides and lithium molybdate and potassium

© Elena I. Malysheva,⁺ Ivan K. Garkushin,* Tatiana V. Gubanova, and Evgeniy I. Frolov

Department of General and Inorganic Chemistry. Samara State Technical University.

Molodogvardeyskaja St., 244. Samara, 443100. Samara region. Russia.

Phone: +7 (846) 278-44-77. E-mail: baschem@samgtu.ru

*Supervising author; ⁺Corresponding author

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Abstract

By differential thermal analysis phase equilibria in the ternary system LiF–KCl–LiKMoO₄ is studied, which is to stable secant a triangle of four-componental reciprocal system Li, K||F, Cl, MoO₄. Experimental DTA method revealed the characteristics of ternary eutectic points, describes the phase reactions for each element of the phase diagram.