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Phase Diagrams of Fullerenol-d–LaCl₃–H₂O and Fullerenol-d–GdCl₃–H₂O Systems at 25°C(Article)

Keskinov, V.A.a,b, Semenov, K.N.a,c, Gol'tsov, T.S.a, Charykov, N.A.a,d, Podol'skii, N.E.c, Kurilenko, A.V.a, Shaimardanov, Z.K.b, Shaimardanova, B.K.b, Kulenova, N.A.b View Correspondence (jump link)

aSt. Petersburg State Institute of Technology (Technical University), St. Petersburg, 190013, Russian Federation

bSerikbayev East Kazakhstan State Technical University, Ust-Kamenogorsk, 070000, Kazakhstan

cSt. Petersburg State University, St. Petersburg, 199034, Russian Federation

Просмотр дополнительных организаций

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Abstract: Isothermal phase diagrams of ternary systems fullerenol-d–LaCl₃–H₂O and fullerenol-d–GdCl₃–H₂O at 25°C are studied via saturation technique. Solubility diagrams are found to be of a simple eutonic type and are characterized by the salting-out of chloride upon adding fullerenol-d, and short branches of LaCl₃ · 7H₂O and GdCl₃ · 6H₂O crystallization, where the salting-in effect is observed. © 2019, Pleiades Publishing, Ltd.