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State diagrams and thermodynamic characteristics of binary combinations bioactive substances

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Abstract

For binary combinations of bioactive substances (citric acid + tartaric acid, abietic acid + dihydroabietic acid, phthalic anhydride + maleic anhydride, *o*-toluic acid + *p*-toluic acid) have been studied temperature fusibility and constructed state diagrams representing a simple eutectic diagrams. Determined temperatures and eutectic compositions, calculated values of molar enthalpy and entropy fusion of each components in these combinations.

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