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## Phase equilibria in the system Li,K || Br,NO<sub>3</sub>

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## Abstract

Method of the Differential Scanning Calorimetry (DSC) was used for the first time to study the phase equilibria in the ternary mutual system Li, K || Br, NO<sub>3</sub>. The compositions of eutectics (mol. %) Li, K || Br, NO<sub>3</sub>: (E<sub>1</sub>) LiBr – 32.0%, KBr – 18.0%, LiNO<sub>3</sub> – 50.0% with melting temperature 199 °C; (E<sub>2</sub>) LiNO<sub>3</sub> – 24.0%, KNO<sub>3</sub> – 72.0%, KBr – 4.0% with melting temperature 106 °C were defined.