

Liquid-liquid extraction of uranium from other elements using dibenzo-24- crown-8 from hydrobromic acid medium

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Abstract

Liquid-liquid extraction studies of uranium (VI) have been carried out from HBr medium using dibenzo-24-crown-8. U(VI) was separated from a number of elements in binary mixtures. Most of the elements showed high tolerance limits. Separation of U(VI) was also carried out from multicomponent mixtures. The method was applied for the determination of U(VI) in real samples. (author) 4 refs.

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