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# **Kinetics of neptunium(V) conversion in strong nitric acid solutions containing potassium phosphotungstate, $K_{10}P_2W_{17}O_{61}$**

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Behavior of Np(V) in strong nitric acid solutions with different strength ( $1,0 \div 3,0$ ) mol·l<sup>-1</sup> and KPW ( $1 \div 5$ )·10<sup>-3</sup> mol·l<sup>-1</sup>, containing potassium phosphotungstate,  $K_{10}P_2W_{17}O_{61}$  (KPW) is examined by spectrophotometric method.

It is established that Np (V) final conversion products under studied experimental conditions are Np (IV) and Np (VI), and the process is going in accordance with a first-order rate law in regard to neptunium(V) concentration.

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