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### Separation of niobium and tantalum by liquid extraction

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Niobium and tantalum oxalate complexes in a 0.2 to 0.4 M ammonium hydrogen oxalate solution of pH 1.8 to 2.4 can be separated in a 30-minute electrophoresis run, giving two well defined bands, which are lilac and yellow, respectively, when a 0.05 M ammonium hydrogen citrate solution, pH 3.0, is used as buffer, with a potential gradient of about 16 V cm<sup>-1</sup>.

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