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Supplementary information

First investigation of polyoxoniobate and polyoxotantalate aqueous speciation by capillary zone electrophoresis

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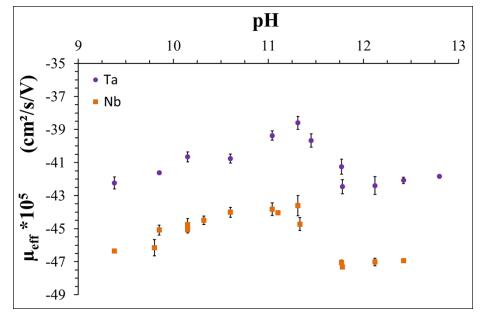


Figure S1. Effective mobility measured for $H_xTa_6O_{19}^{\times 8}_{(aq)}$ (purple circles) and $H_xNb_6O_{19}^{\times 8}_{(aq)}$ (orange squares) as a function of pH in Na⁺ media ([Na] = 50 mM). I = 50 mM. T = 25 °C. [M₆O₁₉]_{total} = 0.25 mM. CE conditions: see Figure 3 and Figure 4. The error bars correspond to standard deviation obtained from triplicate injection of the same sample.

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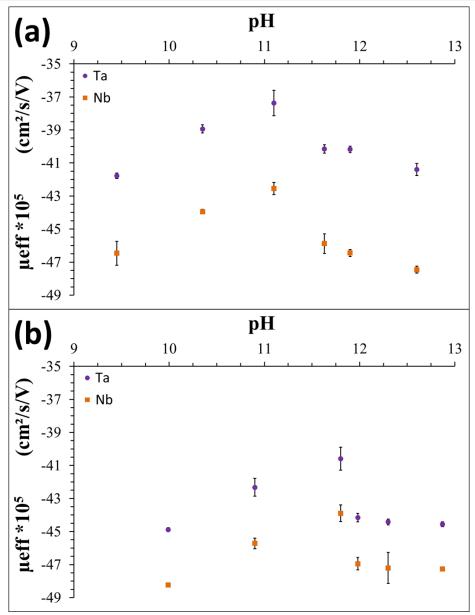


Figure S2. Effective mobility measured for $H_xTa_6O_{19}^{\times 8}_{(aq)}$ (purple circles) and $H_xNb_6O_{19}^{\times 8}_{(aq)}$ (orange squares) as a function of pH in: **(a)** Li⁺ media with [Li] = 50 mM and **(b)** K⁺ media with [K] = 50 mM. I = 50 mM. T = 25 °C. [M_6O_{19}]_{total} = 0.25 mM. CE conditions: same as on Figure 4. The error bars correspond to standard deviation obtained from triplicate injection of the same sample.

