Supporting Information

Mobility shift affinity capillary electrophoresis at high ligand concentrations: application to aluminum chlorohydrate – protein interactions

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1. Evaluation of the Joule heating parameter of an Agilent 7100 capillary electrophoresis apparatus

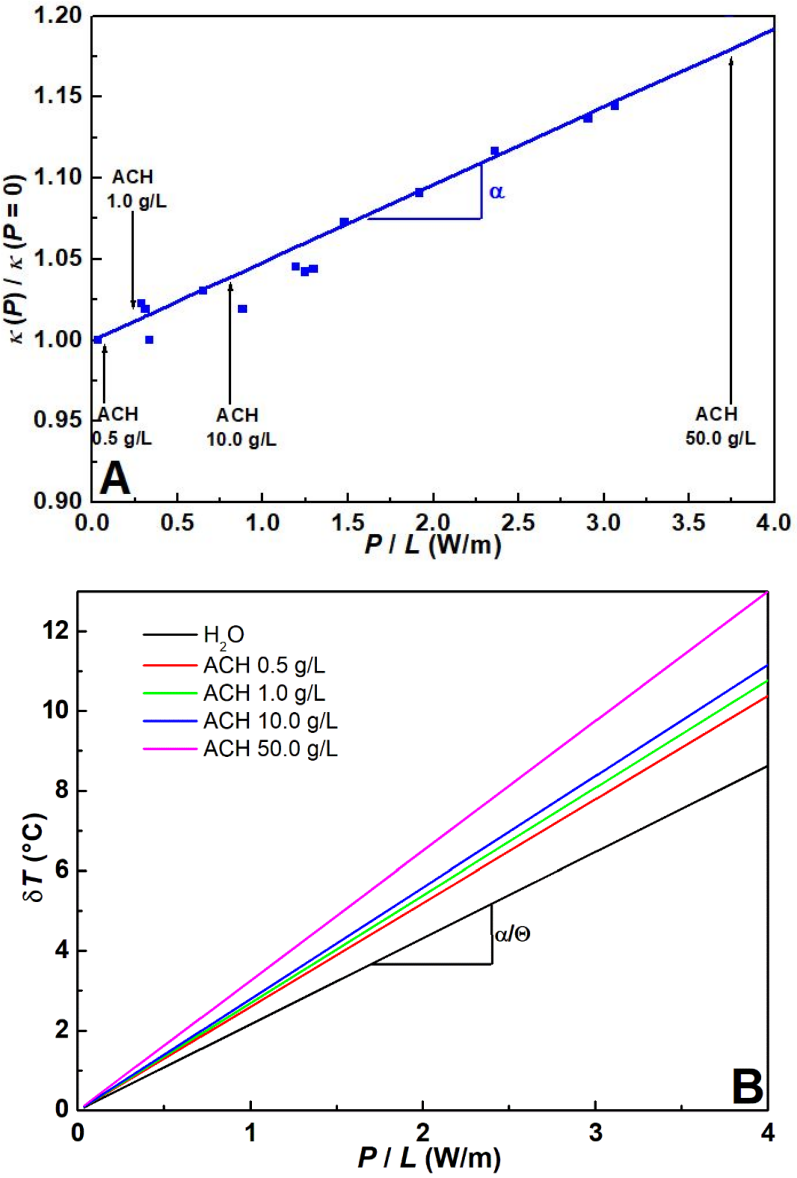

Figure SI1: Variation of the relative conductivity $\kappa(P)/\kappa(P=0)$ as a function of the dissipated power per capillary length (A) and estimation of the temperature difference (δT) between the equilibrated temperature inside the capillary and the set-point temperature (B) on an 7100 Agilent CE apparatus. Set-point temperature: 25°C. P is the dissipated power from the Joule heating effect, and L is the total length of the capillary.